

## ALL RESOURCES RETRIEVED IN THE SEARCH OF THE DATA CATALOG TOOL SURVEY

This document provides a list of all 947 resources (e.g., papers, websites listing tools, product websites) found during the systematic search of our paper “A Survey of Data Catalog Tools” (<DOI will be inserted here>). Between April and June 2023, the platforms [ACM Digital Library](#), [GitHub](#), [GitLab](#), [Google](#), [Google Scholar](#), [IEEE Xplore](#), [ResearchGate](#), [ScienceDirect](#), and [SpringerLink](#) have been queried.

Resources that contain information about one or more data catalog tools are marked with a checkmark (✓) and were used for the extraction of data catalog tools.

The table below is sorted in ascending order by platform and resource title.

Resource title	URL	Platform	Contained information on at least one data catalog tool
A hierarchical back-end architecture for smartphone sensing	<a href="https://dl.acm.org/doi/10.1145/2401603.2401695">https://dl.acm.org/doi/10.1145/2401603.2401695</a>	ACM	✗
A Zone-Based Data Lake Architecture for IoT, Small and Big Data	<a href="https://dl.acm.org/doi/10.1145/3472163.3472185">https://dl.acm.org/doi/10.1145/3472163.3472185</a>	ACM	✓
AdaM: An Adaptive Fine-Grained Scheme for Distributed Metadata Management	<a href="https://dl.acm.org/doi/10.1145/3337821.3337822">https://dl.acm.org/doi/10.1145/3337821.3337822</a>	ACM	✗
Adaptive and scalable metadata management to support a trillion files	<a href="https://dl.acm.org/doi/10.1145/1654059.1654086">https://dl.acm.org/doi/10.1145/1654059.1654086</a>	ACM	✗
An Eclipse-based tool framework for software model management	<a href="https://dl.acm.org/doi/10.1145/1328279.1328291">https://dl.acm.org/doi/10.1145/1328279.1328291</a>	ACM	✗
Analysis-oriented Metadata for Data Lakes	<a href="https://dl.acm.org/doi/10.1145/3472163.3472273">https://dl.acm.org/doi/10.1145/3472163.3472273</a>	ACM	✓
Apache Airavata as a Laboratory: Architecture and Case Study for Component-Based Gateway Middleware	<a href="https://dl.acm.org/doi/10.1145/2753524.2753529">https://dl.acm.org/doi/10.1145/2753524.2753529</a>	ACM	✗
Applying aspect oriented programming to distributed storage metadata management	<a href="https://dl.acm.org/doi/10.1145/1229485.1229489">https://dl.acm.org/doi/10.1145/1229485.1229489</a>	ACM	✗
ArchaeoDAL: A Data Lake for Archaeological Data Management and Analytics	<a href="https://dl.acm.org/doi/10.1145/3472163.3472266">https://dl.acm.org/doi/10.1145/3472163.3472266</a>	ACM	✓
Atomicity violation checker for task parallel programs	<a href="https://dl.acm.org/doi/10.1145/2854038.2854063">https://dl.acm.org/doi/10.1145/2854038.2854063</a>	ACM	✗
Automated Quality Assessment of Metadata across Open Data Portals	<a href="https://dl.acm.org/doi/10.1145/2964909">https://dl.acm.org/doi/10.1145/2964909</a>	ACM	✓
BatchFS: scaling the file system control plane with client-funded metadata servers	<a href="https://dl.acm.org/doi/10.1109/PDSW.2014.7">https://dl.acm.org/doi/10.1109/PDSW.2014.7</a>	ACM	✗
Big metadata: when metadata is big data	<a href="https://dl.acm.org/doi/10.14778/3476311.3476385">https://dl.acm.org/doi/10.14778/3476311.3476385</a>	ACM	✗
ByteSeries: an in-memory time series database for large-scale monitoring systems	<a href="https://dl.acm.org/doi/10.1145/3419111.3421289">https://dl.acm.org/doi/10.1145/3419111.3421289</a>	ACM	✗
CalvinFS: consistent WAN replication and scalable metadata management for distributed file systems	<a href="https://dl.acm.org/doi/10.5555/2750482.2750483">https://dl.acm.org/doi/10.5555/2750482.2750483</a>	ACM	✗
Ceph: a scalable, high-performance distributed file system	<a href="https://dl.acm.org/doi/10.5555/1298455.1298485">https://dl.acm.org/doi/10.5555/1298455.1298485</a>	ACM	✗
Clowder: Open Source Data Management for Long Tail Data	<a href="https://dl.acm.org/doi/10.1145/3219104.3219159">https://dl.acm.org/doi/10.1145/3219104.3219159</a>	ACM	✓
ConHub: A Metadata Management System for Docker Containers	<a href="https://dl.acm.org/doi/10.1145/2983323.2983331">https://dl.acm.org/doi/10.1145/2983323.2983331</a>	ACM	✗
Constance: An Intelligent Data Lake System	<a href="https://dl.acm.org/doi/10.1145/2882903.2899389">https://dl.acm.org/doi/10.1145/2882903.2899389</a>	ACM	✓
Data integration problem of structural and semantic heterogeneity: data warehousing framework models for the optimization of the ETL processes	<a href="https://dl.acm.org/doi/10.1145/1980022.1980130">https://dl.acm.org/doi/10.1145/1980022.1980130</a>	ACM	✗
Design, redesign and publication of linked schema repositories in the large	<a href="https://dl.acm.org/doi/10.1145/1936254.1936270">https://dl.acm.org/doi/10.1145/1936254.1936270</a>	ACM	✗
Easing the burdens of HPC file management	<a href="https://dl.acm.org/doi/10.1145/2159352.2159359">https://dl.acm.org/doi/10.1145/2159352.2159359</a>	ACM	✗
Efficient non-linear editing for non-volatile mobile storage	<a href="https://dl.acm.org/doi/10.1145/1877953.1877970">https://dl.acm.org/doi/10.1145/1877953.1877970</a>	ACM	✗
EMPRESS: Accelerating Scientific Discovery through Descriptive Metadata Management	<a href="https://dl.acm.org/doi/10.1145/3523698">https://dl.acm.org/doi/10.1145/3523698</a>	ACM	✓
Empress: extensible metadata provider for extreme-scale scientific simulations	<a href="https://dl.acm.org/doi/10.1145/3149393.3149403">https://dl.acm.org/doi/10.1145/3149393.3149403</a>	ACM	✗
Enhancing the Performance of Metadata Service for Cloud Computing	<a href="https://dl.acm.org/doi/10.1109/WI-IAT.2010.188">https://dl.acm.org/doi/10.1109/WI-IAT.2010.188</a>	ACM	✗
Fast and Generic Metadata Management with Mid-Fat Pointers	<a href="https://dl.acm.org/doi/10.1145/3065913.3065920">https://dl.acm.org/doi/10.1145/3065913.3065920</a>	ACM	✗

Resource title	URL	Platform	Contained information on at least one data catalog tool
From research to practice: experiences engineering a production metadata database for a scale out file system	<a href="https://dl.acm.org/doi/10.5555/2591305.2591324">https://dl.acm.org/doi/10.5555/2591305.2591324</a>	ACM	✗
Graywulf: a platform for federated scientific databases and services	<a href="https://dl.acm.org/doi/10.1145/2484838.2484863">https://dl.acm.org/doi/10.1145/2484838.2484863</a>	ACM	✗
Intensional associations between data and metadata	<a href="https://dl.acm.org/doi/10.1145/1247480.1247526">https://dl.acm.org/doi/10.1145/1247480.1247526</a>	ACM	✓
LADDER: Architecting Content and Location-aware Writes for Crossbar Resistive Memories	<a href="https://dl.acm.org/doi/10.1145/3466752.3480054">https://dl.acm.org/doi/10.1145/3466752.3480054</a>	ACM	✗
LinkedPipes ETL in use: practical publication and consumption of linked data	<a href="https://dl.acm.org/doi/10.1145/3151759.3151809">https://dl.acm.org/doi/10.1145/3151759.3151809</a>	ACM	✗
LiwePMS: A Lightweight Persistent Memory with Wear-aware Memory Management	<a href="https://dl.acm.org/doi/10.1145/3327963">https://dl.acm.org/doi/10.1145/3327963</a>	ACM	✗
Managing metadata in heterogeneous sensor networks	<a href="https://dl.acm.org/doi/10.1145/2638404.2638477">https://dl.acm.org/doi/10.1145/2638404.2638477</a>	ACM	✓
Mantle: a programmable metadata load balancer for the ceph file system	<a href="https://dl.acm.org/doi/10.1145/2807591.2807607">https://dl.acm.org/doi/10.1145/2807591.2807607</a>	ACM	✗
MeT: a real world oriented metadata management system for semantic sensor networks	<a href="https://dl.acm.org/doi/10.1145/1315903.1315907">https://dl.acm.org/doi/10.1145/1315903.1315907</a>	ACM	✗
Metadata management for the web of things: a practical perspective	<a href="https://dl.acm.org/doi/10.1145/2379756.2379760">https://dl.acm.org/doi/10.1145/2379756.2379760</a>	ACM	✗
Metadata manipulation interface design	<a href="https://dl.acm.org/doi/10.5555/2525493.2525497">https://dl.acm.org/doi/10.5555/2525493.2525497</a>	ACM	✗
Metadata tensions: a case study of library principles vs. everyday scientific data practices	<a href="https://dl.acm.org/doi/10.5555/1920331.1920488">https://dl.acm.org/doi/10.5555/1920331.1920488</a>	ACM	✗
METAlloc: efficient and comprehensive metadata management for software security hardening	<a href="https://dl.acm.org/doi/10.1145/2905760.2905766">https://dl.acm.org/doi/10.1145/2905760.2905766</a>	ACM	✗
Metaman: system-wide metadata management	<a href="https://dl.acm.org/doi/10.1145/1791194.1791200">https://dl.acm.org/doi/10.1145/1791194.1791200</a>	ACM	✗
MetaSys: A Practical Open-source Metadata Management System to Implement and Evaluate Cross-layer Optimizations	<a href="https://dl.acm.org/doi/10.1145/3505250">https://dl.acm.org/doi/10.1145/3505250</a>	ACM	✗
MoM-NOCS: Management of Mobile Multimedia Nature Observations using Crowd Sourcing	<a href="https://dl.acm.org/doi/10.1145/2536853.2536887">https://dl.acm.org/doi/10.1145/2536853.2536887</a>	ACM	✗
NADEEF: a generalized data cleaning system	<a href="https://dl.acm.org/doi/10.14778/2536274.2536280">https://dl.acm.org/doi/10.14778/2536274.2536280</a>	ACM	✗
netmap: memory mapped access to network devices	<a href="https://dl.acm.org/doi/10.1145/2018436.2018500">https://dl.acm.org/doi/10.1145/2018436.2018500</a>	ACM	✗
On search in peer-to-peer file sharing systems	<a href="https://dl.acm.org/doi/10.1145/1066677.1066913">https://dl.acm.org/doi/10.1145/1066677.1066913</a>	ACM	✗
Osprey: peer-to-peer enabled content distribution	<a href="https://dl.acm.org/doi/10.1145/1065385.1065499">https://dl.acm.org/doi/10.1145/1065385.1065499</a>	ACM	✗
PEGR: a management platform for ChIP-based next generation sequencing pipelines	<a href="https://dl.acm.org/doi/10.1145/3311790.3396621">https://dl.acm.org/doi/10.1145/3311790.3396621</a>	ACM	✗
ProvDB: Lifecycle Management of Collaborative Analysis Workflows	<a href="https://dl.acm.org/doi/10.1145/3077257.3077267">https://dl.acm.org/doi/10.1145/3077257.3077267</a>	ACM	✗
Research on Financial Intelligence System Architecture and Metadata Management Based on Support Vector Machine	<a href="https://dl.acm.org/doi/10.1145/3482632.3487532">https://dl.acm.org/doi/10.1145/3482632.3487532</a>	ACM	✗
Scalable Metadata Management Techniques for Ultra-Large Distributed Storage Systems -- A Systematic Review	<a href="https://dl.acm.org/doi/10.1145/3212686">https://dl.acm.org/doi/10.1145/3212686</a>	ACM	✗
Simurgh: a fully decentralized and secure NVMM user space file system	<a href="https://dl.acm.org/doi/10.1145/3458817.3476180">https://dl.acm.org/doi/10.1145/3458817.3476180</a>	ACM	✗
SlimDB: a space-efficient key-value storage engine for semi-sorted data	<a href="https://dl.acm.org/doi/10.14778/3151106.3151108">https://dl.acm.org/doi/10.14778/3151106.3151108</a>	ACM	✗
The internet measurement data catalog	<a href="https://dl.acm.org/doi/10.1145/1096536.1096552">https://dl.acm.org/doi/10.1145/1096536.1096552</a>	ACM	✓
Towards scalable array-oriented active storage: the pyramid approach	<a href="https://dl.acm.org/doi/10.1145/2146382.2146387">https://dl.acm.org/doi/10.1145/2146382.2146387</a>	ACM	✗
TýrFS: increasing small files access performance with dynamic metadata replication	<a href="https://dl.acm.org/doi/10.1109/CCGRID.2018.00072">https://dl.acm.org/doi/10.1109/CCGRID.2018.00072</a>	ACM	✗
UGSD: Scalable and Efficient Metadata Management for EB-Scale File Systems	<a href="https://dl.acm.org/doi/10.1145/3093241.3093257">https://dl.acm.org/doi/10.1145/3093241.3093257</a>	ACM	✗
Using filesystem virtualization to avoid metadata bottlenecks	<a href="https://dl.acm.org/doi/10.5555/1870926.1871059">https://dl.acm.org/doi/10.5555/1870926.1871059</a>	ACM	✗
WBIA '09: Proceedings of the Workshop on Binary Instrumentation and Applications	<a href="https://dl.acm.org/doi/proceedings/10.1145/1791194">https://dl.acm.org/doi/proceedings/10.1145/1791194</a>	ACM	✗

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XML database support for distributed execution of data-intensive scientific workflows	<a href="https://dl.acm.org/doi/10.1145/1084805.1084815">https://dl.acm.org/doi/10.1145/1084805.1084815</a>	ACM	✗
p: Relaxed Hierarchical ORAM	<a href="https://dl.acm.org/doi/10.1145/3297858.3304045">https://dl.acm.org/doi/10.1145/3297858.3304045</a>	ACM	✗
AAF SDK	<a href="https://github.com/MartinDelille/aaf">https://github.com/MartinDelille/aaf</a>	GitHub	✗
ADC METADATA TOOL	<a href="https://github.com/simon-fish/adc-meta">https://github.com/simon-fish/adc-meta</a>	GitHub	✗
Big Data Processing	<a href="https://github.com/ThorraySJTU/Big-Data-Processing">https://github.com/ThorraySJTU/Big-Data-Processing</a>	GitHub	✗
BIGMeta	<a href="https://github.com/aloudata/BIGMeta">https://github.com/aloudata/BIGMeta</a>	GitHub	✗
BigQuery Porter	<a href="https://github.com/takeque/bigquery-porter">https://github.com/takeque/bigquery-porter</a>	GitHub	✗
Catalog Generator	<a href="https://github.com/project-open-data/catalog-generator">https://github.com/project-open-data/catalog-generator</a>	GitHub	✓
ckan-multisite	<a href="https://github.com/datacats/ckan-multisite">https://github.com/datacats/ckan-multisite</a>	GitHub	✓
ckan-php-manager	<a href="https://github.com/GSA/ckan-php-manager">https://github.com/GSA/ckan-php-manager</a>	GitHub	✓
CM_Data_Tracker	<a href="https://github.com/jpferrierjr/CM_Data_Tracker">https://github.com/jpferrierjr/CM_Data_Tracker</a>	GitHub	✗
cmsds-open-data-components	<a href="https://github.com/GetDKAN/cmsds-open-data-components">https://github.com/GetDKAN/cmsds-open-data-components</a>	GitHub	✗
COLID Indexing Crawler Service	<a href="https://github.com/Bayer-Group/COLID-Indexing-Crawler-Service">https://github.com/Bayer-Group/COLID-Indexing-Crawler-Service</a>	GitHub	✓
Crossmatching-astronomical-data	<a href="https://github.com/KunalSingh-Physics/Crossmatching-astronomical-data">https://github.com/KunalSingh-Physics/Crossmatching-astronomical-data</a>	GitHub	✗
CS 457 Project 1: Metadata Management	<a href="https://github.com/jhosea/CS457_Project1">https://github.com/jhosea/CS457_Project1</a>	GitHub	✗
Custom-Vision-Autotrainer	<a href="https://github.com/microsoft/Custom-Vision-Autotrainer">https://github.com/microsoft/Custom-Vision-Autotrainer</a>	GitHub	✗
Data Catalogue	<a href="https://github.com/moabitcoin/data-catalogue">https://github.com/moabitcoin/data-catalogue</a>	GitHub	✗
Data Catalogue	<a href="https://github.com/moabitcoin/data-catalogue">https://github.com/moabitcoin/data-catalogue</a>	GitHub	✗
Data Lake Metadata Management System	<a href="https://github.com/yanzhao-irit/data-lake-metadata-management-system">https://github.com/yanzhao-irit/data-lake-metadata-management-system</a>	GitHub	✓
datacat-utilities	<a href="https://github.com/lss-camera-dh/datacat-utilities">https://github.com/lss-camera-dh/datacat-utilities</a>	GitHub	✓
DataCollector	<a href="https://github.com/shidh/DataCollector">https://github.com/shidh/DataCollector</a>	GitHub	✗
DataCollectorAndroid	<a href="https://github.com/shidh/DataCollectorAndroid">https://github.com/shidh/DataCollectorAndroid</a>	GitHub	✗
DataHub Metastore	<a href="https://github.com/datopian/metastore">https://github.com/datopian/metastore</a>	GitHub	✓
Datasf's internal tool to manage the city's metadata	<a href="https://github.com/DataSF/metadata-management-tool">https://github.com/DataSF/metadata-management-tool</a>	GitHub	✗
DCAT QA System	<a href="https://github.com/martenls/dcat-qa-system">https://github.com/martenls/dcat-qa-system</a>	GitHub	✗
derrick	<a href="https://github.com/tacurran/derrick">https://github.com/tacurran/derrick</a>	GitHub	✗
DistributedDatabaseSystem	<a href="https://github.com/KeyurVaghani/DistributedDatabaseSystem">https://github.com/KeyurVaghani/DistributedDatabaseSystem</a>	GitHub	✗
docker-flask-mongo	<a href="https://github.com/AryanSingh007/docker-flask-mongo">https://github.com/AryanSingh007/docker-flask-mongo</a>	GitHub	✗
DTAMetadata	<a href="https://github.com/haoess/DTAMetadata">https://github.com/haoess/DTAMetadata</a>	GitHub	✗
Eddy	<a href="https://github.com/monash-merc/eddy">https://github.com/monash-merc/eddy</a>	GitHub	✗
ELDER	<a href="https://github.com/elderonline/ELDER">https://github.com/elderonline/ELDER</a>	GitHub	✓
e-Research Distributed Data System (Eddy)	<a href="https://github.com/monash-merc/eddy">https://github.com/monash-merc/eddy</a>	GitHub	✓
file-metadata-manager	<a href="https://github.com/hwillson/file-metadata-manager">https://github.com/hwillson/file-metadata-manager</a>	GitHub	✗
FileScale	<a href="https://github.com/umd-dslam/FileScale">https://github.com/umd-dslam/FileScale</a>	GitHub	✗
Final	<a href="https://github.com/inglekasturi/Final">https://github.com/inglekasturi/Final</a>	GitHub	✗
Final	<a href="https://github.com/inglekasturi/Final">https://github.com/inglekasturi/Final</a>	GitHub	✗
Flyte	<a href="https://github.com/flyteorg/datacatalog">https://github.com/flyteorg/datacatalog</a>	GitHub	✓
gis_puller	<a href="https://github.com/pinkforest/gis_puller">https://github.com/pinkforest/gis_puller</a>	GitHub	✗
Go-Couchbase File Server (GCFS)	<a href="https://github.com/Alvarios/gcfs">https://github.com/Alvarios/gcfs</a>	GitHub	✗
Gorge	<a href="https://github.com/ZdogMcSuperfly/Gorge">https://github.com/ZdogMcSuperfly/Gorge</a>	GitHub	✓
guanjiessen/databricks-catalog-migration-tool	<a href="https://github.com/guanjiessen/databricks-catalog-migration-tool">https://github.com/guanjiessen/databricks-catalog-migration-tool</a>	GitHub	✗
HAE	<a href="https://github.com/NASA-DEVELOP/HAE">https://github.com/NASA-DEVELOP/HAE</a>	GitHub	✗
headphones dune	<a href="https://github.com/aykxt/dune">https://github.com/aykxt/dune</a>	GitHub	✗
Image-Metadata-Management-System	<a href="https://github.com/athreya2013/Image-Metadata-Management-System">https://github.com/athreya2013/Image-Metadata-Management-System</a>	GitHub	✗
img-metadata-management-system	<a href="https://github.com/srivatsapillutla/img-metadata-management-system">https://github.com/srivatsapillutla/img-metadata-management-system</a>	GitHub	✗
LDFS	<a href="https://github.com/zhanglei1949/LDFS">https://github.com/zhanglei1949/LDFS</a>	GitHub	✗
lotss-tools	<a href="https://github.com/nudomarinero/lotss-tools">https://github.com/nudomarinero/lotss-tools</a>	GitHub	✗
M4	<a href="https://github.com/meela7/M4">https://github.com/meela7/M4</a>	GitHub	✗
madxxx_catalog_client	<a href="https://github.com/eoss-cloud/madxxx_catalog_client">https://github.com/eoss-cloud/madxxx_catalog_client</a>	GitHub	✓
Metadata Management System	<a href="https://github.com/serginf/MDM">https://github.com/serginf/MDM</a>	GitHub	✓

Resource title	URL	Platform	Contained information on at least one data catalog tool
Metadata Management System	<a href="https://github.com/UB-Dortmund/mms">https://github.com/UB-Dortmund/mms</a>	GitHub	✗
Metadata Management System for Specimen	<a href="https://github.com/MaaikervS/managementSystem">https://github.com/MaaikervS/managementSystem</a>	GitHub	✗
Metadata Management System on Apache Zeppelin	<a href="https://github.com/stratosphere/metadata-ms-on-zeppelin">https://github.com/stratosphere/metadata-ms-on-zeppelin</a>	GitHub	✗
Metadata Management Tool Application	<a href="https://github.com/nasa/mmt">https://github.com/nasa/mmt</a>	GitHub	✓
Metadata Management Tool for Data Storage Spaces (MAGGOT)	<a href="https://github.com/inrae/pgd-mmdt">https://github.com/inrae/pgd-mmdt</a>	GitHub	✓
Metadata Management Web Tool	<a href="https://github.com/NYCPlanning/edm-metadata-builder">https://github.com/NYCPlanning/edm-metadata-builder</a>	GitHub	✓
Metadata Management Web Tool	<a href="https://github.com/amolivani/Metadata">https://github.com/amolivani/Metadata</a>	GitHub	✓
Metadata-management-tool-using-Python	<a href="https://github.com/51shubhamchand/Metadata-management-tool-using-Python">https://github.com/51shubhamchand/Metadata-management-tool-using-Python</a>	GitHub	✗
MetadataServer	<a href="https://github.com/talkking/MetadataServer">https://github.com/talkking/MetadataServer</a>	GitHub	✗
metadata-server	<a href="https://github.com/usgin/metadata-server">https://github.com/usgin/metadata-server</a>	GitHub	✓
metadata-server	<a href="https://github.com/usgin/metadata-repository">https://github.com/usgin/metadata-repository</a>	GitHub	✗
MetaDB	<a href="https://github.com/rmylonas/MetaDB">https://github.com/rmylonas/MetaDB</a>	GitHub	✗
metamate	<a href="https://github.com/rbauction/metamate">https://github.com/rbauction/metamate</a>	GitHub	✗
mgate	<a href="https://github.com/PierreKieffer/mgate">https://github.com/PierreKieffer/mgate</a>	GitHub	✗
mio-metadata	<a href="https://github.com/topherpalmtree/mio-metadata">https://github.com/topherpalmtree/mio-metadata</a>	GitHub	✗
mms	<a href="https://github.com/markmo/mms">https://github.com/markmo/mms</a>	GitHub	✗
mmt	<a href="https://github.com/it0a/mmt">https://github.com/it0a/mmt</a>	GitHub	✗
Music Video Store	<a href="https://github.com/blotind/MusicVideoStore">https://github.com/blotind/MusicVideoStore</a>	GitHub	✗
music-meta	<a href="https://github.com/polarfish/music-meta">https://github.com/polarfish/music-meta</a>	GitHub	✗
Nada	<a href="https://github.com/ihsn/nada">https://github.com/ihsn/nada</a>	GitHub	✓
nihimporter	<a href="https://github.com/IntelCompH2020/nihmporter">https://github.com/IntelCompH2020/nihmporter</a>	GitHub	✗
Open Semantic Search	<a href="https://github.com/opensemanticsearch/open-semantic-search">https://github.com/opensemanticsearch/open-semantic-search</a>	GitHub	✓
oracle_metadata_docker	<a href="https://github.com/baforgood/oracle_metadata_docker">https://github.com/baforgood/oracle_metadata_docker</a>	GitHub	✗
PBCore	<a href="https://github.com/mlc/wnetpbcore">https://github.com/mlc/wnetpbcore</a>	GitHub	✗
PIMMS	<a href="https://github.com/JessicaGreen/PIMMS">https://github.com/JessicaGreen/PIMMS</a>	GitHub	✗
proxmine	<a href="https://github.com/AymanUPC/proxmine">https://github.com/AymanUPC/proxmine</a>	GitHub	✗
pydma	<a href="https://github.com/despencer/pydma">https://github.com/despencer/pydma</a>	GitHub	✗
Python Client for Metadata Validation against INSPIRE schema, via Web Service	<a href="https://github.com/madi/metadata">https://github.com/madi/metadata</a>	GitHub	✗
QCMMS	<a href="https://github.com/mapradix/qcmanager">https://github.com/mapradix/qcmanager</a>	GitHub	✗
Repository and Index Software Comparison	<a href="https://github.com/data2health/repository-and-index-software">https://github.com/data2health/repository-and-index-software</a>	GitHub	✗
Rule2ProfileTool	<a href="https://github.com/WarHub/Rule2ProfileTool">https://github.com/WarHub/Rule2ProfileTool</a>	GitHub	✗
Sage	<a href="https://github.com/jcorrado76/sage">https://github.com/jcorrado76/sage</a>	GitHub	✗
salinity-correction-metadata	<a href="https://github.com/socib/salinity-correction-metadata">https://github.com/socib/salinity-correction-metadata</a>	GitHub	✗
Satellite-Timeseries-Extractor-Tool	<a href="https://github.com/Chintan2108/Satellite-Timeseries-Extractor-Tool">https://github.com/Chintan2108/Satellite-Timeseries-Extractor-Tool</a>	GitHub	✗
SCAR Antarctic Digital Database (ADD) Metadata Toolbox	<a href="https://github.com/antarctica/scar-add-metadata-toolbox">https://github.com/antarctica/scar-add-metadata-toolbox</a>	GitHub	✓
Social Justice Platform Data Catalog	<a href="https://github.com/mitre/sjp-data-catalog">https://github.com/mitre/sjp-data-catalog</a>	GitHub	✓
SoM-ESPLab-DATASETS-CATALOG	<a href="https://github.com/kpegion/SoM-ESPLab-DATASETS-CATALOG">https://github.com/kpegion/SoM-ESPLab-DATASETS-CATALOG</a>	GitHub	✗
SQLfromPython	<a href="https://github.com/Renat97/CS457-DBMS">https://github.com/Renat97/CS457-DBMS</a>	GitHub	✗
swag_client	<a href="https://github.com/Netflix-Skunkworks/swag-client">https://github.com/Netflix-Skunkworks/swag-client</a>	GitHub	✗
Swallow Metadata Management System	<a href="https://github.com/spokenweb/swallow">https://github.com/spokenweb/swallow</a>	GitHub	✗
tame	<a href="https://github.com/meson800/tame">https://github.com/meson800/tame</a>	GitHub	✓
TEAM	<a href="https://github.com/data-solution-automation-engine/TEAM">https://github.com/data-solution-automation-engine/TEAM</a>	GitHub	✗
thoth	<a href="https://github.com/DoppleDankster/thoth">https://github.com/DoppleDankster/thoth</a>	GitHub	✓
Thoth	<a href="https://github.com/thoth-pub/thoth">https://github.com/thoth-pub/thoth</a>	GitHub	✗
Throughput Re3Data Github Scraper	<a href="https://github.com/SimonGoring/github_re3scraper">https://github.com/SimonGoring/github_re3scraper</a>	GitHub	✗
unifi-docker-deploy	<a href="https://github.com/csmyskay/unifi-docker-deploy">https://github.com/csmyskay/unifi-docker-deploy</a>	GitHub	✗
unitTools	<a href="https://github.com/brunaw/unitTools">https://github.com/brunaw/unitTools</a>	GitHub	✗
Valley: Data Catalog and Verification System	<a href="https://github.com/sakshi-choudhary/Data-Catalog-and-Verification-System">https://github.com/sakshi-choudhary/Data-Catalog-and-Verification-System</a>	GitHub	✗
video.lay.rs	<a href="https://github.com/videolayrs/video.lay.rs">https://github.com/videolayrs/video.lay.rs</a>	GitHub	✗



Resource title	URL	Platform	Contained information on at least one data catalog tool
Metadata Manager	<a href="https://gitlab.com/crossref/metadata_manager">https://gitlab.com/crossref/metadata_manager</a>	GitLab	✗
15 Data Catalog Tools & Software to Use in 2023	<a href="https://firsteigen.com/blog/data-catalog-tools/">https://firsteigen.com/blog/data-catalog-tools/</a>	Google	✓
18 top data catalog software tools to consider using in 2023	<a href="https://www.techtarget.com/searchdatamanagement/feature/16-top-data-catalog-software-tools-to-consider-using">https://www.techtarget.com/searchdatamanagement/feature/16-top-data-catalog-software-tools-to-consider-using</a>	Google	✓
6 Data Catalog Products in Direct Comparison	<a href="https://pages.barc.de/en/data-cataloging">https://pages.barc.de/en/data-cataloging</a>	Google	✗
Alex Solutions: Home	<a href="https://alexsolutions.com/">https://alexsolutions.com/</a>	Google	✓
Automated Data Catalog Software - Castor	<a href="https://www.castordoc.com/product/data-catalog">https://www.castordoc.com/product/data-catalog</a>	Google	✓
Azure Data Catalog Software - 2023 Reviews, Pricing & Demo	<a href="https://www.softwareadvice.co.nz/software/350198/azure-data-catalog">https://www.softwareadvice.co.nz/software/350198/azure-data-catalog</a>	Google	✓
Best Data Catalog Software - 2023 Reviews & Comparison	<a href="https://sourceforge.net/software/data-catalog/">https://sourceforge.net/software/data-catalog/</a>	Google	✓
Best Data Catalog Software - 2023 Reviews, Pricing and Demos	<a href="https://www.softwareadvice.com/data-catalog/">https://www.softwareadvice.com/data-catalog/</a>	Google	✓
Best Data Catalog Software 2023	<a href="https://www.capterra.com/data-catalog-software/">https://www.capterra.com/data-catalog-software/</a>	Google	✓
Best Data Catalog Software 2023 - Reviews on 18+ Tools	<a href="https://www.getapp.com/all-software/data-catalog/">https://www.getapp.com/all-software/data-catalog/</a>	Google	✓
Best Machine Learning Data Catalog Software	<a href="https://www.g2.com/categories/machine-learning-data-catalog">https://www.g2.com/categories/machine-learning-data-catalog</a>	Google	✓
Best Metadata Management Tools 2023	<a href="https://www.softwarereviews.com/categories/metadata-management">https://www.softwarereviews.com/categories/metadata-management</a>	Google	✗
Best Metadata Management Tools for 2023	<a href="https://www.peerspot.com/categories/metadata-management">https://www.peerspot.com/categories/metadata-management</a>	Google	✗
Capability Data Catalog, Quality & Governance	<a href="https://www.abinitio.com/en/data-catalog-quality-governance/">https://www.abinitio.com/en/data-catalog-quality-governance/</a>	Google	✓
Choosing a Data Catalog - Sarah's Newsletter	<a href="https://sarahsnewsletter.substack.com/p/choosing-a-data-catalog">https://sarahsnewsletter.substack.com/p/choosing-a-data-catalog</a>	Google	✓
Cloudera Data Catalog	<a href="https://www.cloudera.com/products/sdx/data-catalog.html">https://www.cloudera.com/products/sdx/data-catalog.html</a>	Google	✓
Collibra Data Catalog	<a href="https://www.collibra.com/us/en/products/data-catalog">https://www.collibra.com/us/en/products/data-catalog</a>	Google	✓
Das sind die Hauptmerkmale einer Data-Catalog-Software	<a href="https://www.computerweekly.com/de/tipp/Das-sind-die-Hauptmerkmale-einer-Data-Catalog-Software">https://www.computerweekly.com/de/tipp/Das-sind-die-Hauptmerkmale-einer-Data-Catalog-Software</a>	Google	✓
DATA CATALOG	<a href="https://www.tibco.com/solutions/data-catalog">https://www.tibco.com/solutions/data-catalog</a>	Google	✓
Data Catalog	<a href="https://apgar-group.com/our-expertises/data-catalog/">https://apgar-group.com/our-expertises/data-catalog/</a>	Google	✓
Data catalog	<a href="https://docs.getdbt.com/terms/data-catalog">https://docs.getdbt.com/terms/data-catalog</a>	Google	✓
Data Catalog	<a href="https://datacatalog.worldbank.org/home">https://datacatalog.worldbank.org/home</a>	Google	✗
Data Catalog - A Broken Promise - by Ananth Packkildurai	<a href="https://www.dataengineeringweekly.com/p/data-catalog-a-broken-promise">https://www.dataengineeringweekly.com/p/data-catalog-a-broken-promise</a>	Google	✓
Data Catalog - Securiti	<a href="https://securiti.ai/products/data-catalog/">https://securiti.ai/products/data-catalog/</a>	Google	✓
Data Catalog - Synabi Business Solutions GmbH	<a href="https://synabi.com/data-catalog/">https://synabi.com/data-catalog/</a>	Google	✓
Data Catalog & System Inventory	<a href="https://www.datacookbook.com/datacatalogsysteminventory">https://www.datacookbook.com/datacatalogsysteminventory</a>	Google	✓
Data Catalog   AWS Solutions for Analytics	<a href="https://aws.amazon.com/de/solutions/analytics/data-catalog/">https://aws.amazon.com/de/solutions/analytics/data-catalog/</a>	Google	✓
Data Catalog   Lumada Dataops	<a href="https://www.hitachivantara.com/en-us/products/dataops-software/data-catalog.html">https://www.hitachivantara.com/en-us/products/dataops-software/data-catalog.html</a>	Google	✓
Data Catalog   Products   OneTrust	<a href="https://www.onetrust.com/products/data-catalog/">https://www.onetrust.com/products/data-catalog/</a>	Google	✓
Data Catalog Concepts, Tools & Examples	<a href="https://vitalflux.com/data-catalog-concepts-examples-for-dummies/">https://vitalflux.com/data-catalog-concepts-examples-for-dummies/</a>	Google	✓
Data Catalog for Data Governance to Make Data Discovery a Breeze	<a href="https://www.ovaledge.com/data-catalog">https://www.ovaledge.com/data-catalog</a>	Google	✓
Data Catalog in Practice with Mark Grover	<a href="https://softwareengineeringdaily.com/2022/02/24/data-catalog-in-practice-with-mark-grover/">https://softwareengineeringdaily.com/2022/02/24/data-catalog-in-practice-with-mark-grover/</a>	Google	✓
Data Catalog Introduction and Overview - YouTube	<a href="https://www.youtube.com/watch?v=HjG1y0zufdc">https://www.youtube.com/watch?v=HjG1y0zufdc</a>	Google	✓
Data Catalog Software	<a href="https://www.trustradius.com/data-catalog">https://www.trustradius.com/data-catalog</a>	Google	✓
Data Catalog Software	<a href="https://dataedo.com/product/data-catalog">https://dataedo.com/product/data-catalog</a>	Google	✓
Data Catalog Software   Data Governance Solutions	<a href="https://www.syniti.com/solutions/data-governance/">https://www.syniti.com/solutions/data-governance/</a>	Google	✓
Data Catalog Tool   Metadata Management Software Schweiz   dataspot	<a href="https://dataspot.ch/en/data-catalog-tool/">https://dataspot.ch/en/data-catalog-tool/</a>	Google	✓
Data catalog tools	<a href="https://dbmstools.com/categories/data-catalogs">https://dbmstools.com/categories/data-catalogs</a>	Google	✓
Data Catalog Tools and Solutions	<a href="https://www.informatica.com/products/data-catalog.html">https://www.informatica.com/products/data-catalog.html</a>	Google	✓
Data Catalog vs. Data Dictionary: What are the differences?	<a href="https://www.datagalaxy.com/en/blog/data-catalog-vs-data-dictionary/">https://www.datagalaxy.com/en/blog/data-catalog-vs-data-dictionary/</a>	Google	✓
Data Catalog with SAP – Quo Vadis?	<a href="https://blogs.sap.com/2022/09/17/data-catalog-with-sap-quo-vadis/">https://blogs.sap.com/2022/09/17/data-catalog-with-sap-quo-vadis/</a>	Google	✗

Resource title	URL	Platform	Contained information on at least one data catalog tool
Data Catalog: A Key to Unlocking Business Insights   by Saeed Mohajeryami   Level Up Coding	<a href="https://levelup.gitconnected.com/data-catalog-a-key-to-unlocking-business-insights-750d261a350e">https://levelup.gitconnected.com/data-catalog-a-key-to-unlocking-business-insights-750d261a350e</a>	Google	✓
Data Catalog: Engage your business users with BI and Data	<a href="https://www.metricinsights.com/what-is-a-data-catalog/">https://www.metricinsights.com/what-is-a-data-catalog/</a>	Google	✓
Data Catalog—Enterprise Data Assets	<a href="https://azure.microsoft.com/en-us/products/data-catalog">https://azure.microsoft.com/en-us/products/data-catalog</a>	Google	✓
data-catalog · GitHub	<a href="https://github.com/topics/data-catalog">https://github.com/topics/data-catalog</a>	Google	✓
Enterprise Data Catalog – Maximize Data Value	<a href="https://www.informatica.com/products/data-catalog/enterprise-data-catalog.html">https://www.informatica.com/products/data-catalog/enterprise-data-catalog.html</a>	Google	✓
Enterprise Data Catalog and Preparation	<a href="https://boomi.com/platform/data-catalog-and-preparation/">https://boomi.com/platform/data-catalog-and-preparation/</a>	Google	✓
Enterprise Data Catalog Software	<a href="https://www.alation.com/product/data-catalog/">https://www.alation.com/product/data-catalog/</a>	Google	✗
erwin Data Catalog	<a href="https://www.sandhill.co.uk/products/erwin-data-catalog/">https://www.sandhill.co.uk/products/erwin-data-catalog/</a>	Google	✓
erwin Data Catalog   Data Asset Management   erwin, Inc.	<a href="https://www.erwin.com/products/erwin-data-catalog/">https://www.erwin.com/products/erwin-data-catalog/</a>	Google	✓
Essential Features of Data Catalogs   by Martin Zahumensky   Ataccama   Medium	<a href="https://medium.com/ataccama/essential-features-of-data-catalogs-22bcdcf0d106">https://medium.com/ataccama/essential-features-of-data-catalogs-22bcdcf0d106</a>	Google	✓
Guide to Data Catalog Tools and Architecture	<a href="https://www.xenonstack.com/insights/data-catalog">https://www.xenonstack.com/insights/data-catalog</a>	Google	✓
How a Data Catalog Helps Make the Best Use of Data Assets	<a href="https://www.alteryx.com/de/glossary/data-catalog">https://www.alteryx.com/de/glossary/data-catalog</a>	Google	✓
How to build a centralized data catalog system	<a href="https://data2bots.com/blog/how-to-build-a-centralized-data-catalog-system/">https://data2bots.com/blog/how-to-build-a-centralized-data-catalog-system/</a>	Google	✓
How to Build an Effective Enterprise Data Catalog   Blog   Fivetran	<a href="https://www.fivetran.com/blog/how-to-build-an-effective-enterprise-data-catalog">https://www.fivetran.com/blog/how-to-build-an-effective-enterprise-data-catalog</a>	Google	✓
How to evaluate a data catalog	<a href="https://www.stemma.ai/blog-post/how-to-evaluate-a-data-catalog">https://www.stemma.ai/blog-post/how-to-evaluate-a-data-catalog</a>	Google	✓
magda   A federated, open-source data catalog for all your big data and small data	<a href="https://magda.io/">https://magda.io/</a>	Google	✓
Metadata management - Wikipedia	<a href="https://en.wikipedia.org/wiki/Metadata_management">https://en.wikipedia.org/wiki/Metadata_management</a>	Google	✗
Metadata Management (EMM) Solutions Reviews 2023	<a href="https://www.gartner.com/reviews/market/metadata-management-solutions">https://www.gartner.com/reviews/market/metadata-management-solutions</a>	Google	✗
Metadata Management Framework, Governance & Tools	<a href="https://www.claravine.com/resources/metadata-management/">https://www.claravine.com/resources/metadata-management/</a>	Google	✗
Metadata management system: design and implementation	<a href="https://www.emerald.com/insight/content/doi/10.1108/02640470310470525/full/html">https://www.emerald.com/insight/content/doi/10.1108/02640470310470525/full/html</a>	Google	✗
Metadata Management Tool (MMT) records archive	<a href="https://geohub.lio.gov.on.ca/datasets/metadata-management-tool-mmt-records-archive/explore">https://geohub.lio.gov.on.ca/datasets/metadata-management-tool-mmt-records-archive/explore</a>	Google	✗
Metadata Management Tool (MMT) records archive - Datasets - Ontario Data Catalogue	<a href="https://data.ontario.ca/dataset/metadata-management-tool-mmt-records-archive">https://data.ontario.ca/dataset/metadata-management-tool-mmt-records-archive</a>	Google	✗
Metadata Management: Process, Tools, Use Cases, and Best Practices   AltexSoft	<a href="https://www.altexsoft.com/blog/metadata-management/">https://www.altexsoft.com/blog/metadata-management/</a>	Google	✗
Metadata Repositories: Data Dictionary vs. Data Inventory vs Data Catalog	<a href="https://blog.satoricyber.com/metadata-repositories-data-dictionary-vs-data-inventory-vs-data-catalog/">https://blog.satoricyber.com/metadata-repositories-data-dictionary-vs-data-inventory-vs-data-catalog/</a>	Google	✓
Open Source Data Catalog: 6 Most Popular Tools in 2023	<a href="https://atlan.com/open-source-data-catalog-tools/">https://atlan.com/open-source-data-catalog-tools/</a>	Google	✓
Science Data Catalog   U.S. Geological Survey	<a href="https://www.usgs.gov/tools/science-data-catalog">https://www.usgs.gov/tools/science-data-catalog</a>	Google	✗
Sled - Data Catalog, Data Observability, Metric Store	<a href="https://www.sled.so/">https://www.sled.so/</a>	Google	✓
The 19 Best Data Catalog Tools and Software for 2023	<a href="https://solutionsreview.com/data-management/the-best-data-catalog-tools-and-software/">https://solutionsreview.com/data-management/the-best-data-catalog-tools-and-software/</a>	Google	✓
The five most Frequently Asked Questions on Data Catalogs   by Zeenea   Medium	<a href="https://zeenea.medium.com/the-five-most-frequently-asked-questions-on-data-catalogs-24f27a4bc3bf">https://zeenea.medium.com/the-five-most-frequently-asked-questions-on-data-catalogs-24f27a4bc3bf</a>	Google	✓
The RAND Metadata Management System (RMMS)	<a href="https://www.rand.org/pubs/monograph_reports/MR163.html">https://www.rand.org/pubs/monograph_reports/MR163.html</a>	Google	✗
Top 10 Data Catalog Software Solutions	<a href="https://www.datamation.com/big-data/top-10-data-catalog-software-solutions/">https://www.datamation.com/big-data/top-10-data-catalog-software-solutions/</a>	Google	✓
Top 10 Data Catalogue Software Tools to Know in The Year 2023	<a href="https://www.analyticsinsight.net/top-10-data-catalogue-software-tools-to-know-in-the-year-2023/">https://www.analyticsinsight.net/top-10-data-catalogue-software-tools-to-know-in-the-year-2023/</a>	Google	✓
Top 16 Data Catalog Tools Should Watch Out for 2023	<a href="https://hygraph.com/blog/data-catalog-tools">https://hygraph.com/blog/data-catalog-tools</a>	Google	✓
Top 7 Data Catalog Tools in 2023	<a href="https://hevodata.com/learn/data-catalog-tools/">https://hevodata.com/learn/data-catalog-tools/</a>	Google	✓
Top Data Catalog Software in 2023	<a href="https://slashdot.org/software/data-catalog/">https://slashdot.org/software/data-catalog/</a>	Google	✓
Top Data Catalog Tools	<a href="https://www.montecarlodata.com/blog-data-catalog-tools/">https://www.montecarlodata.com/blog-data-catalog-tools/</a>	Google	✓
Top Data Catalog Tools & Software	<a href="https://www.itbusinessedge.com/business-intelligence/top-data-catalog-tools-software/">https://www.itbusinessedge.com/business-intelligence/top-data-catalog-tools-software/</a>	Google	✓
Unifi Software Introduces the Unifi Data Catalog - InsideBIGDATA	<a href="https://insidebigdata.com/2018/10/24/unifi-software-introduces-unifi-data-catalog/">https://insidebigdata.com/2018/10/24/unifi-software-introduces-unifi-data-catalog/</a>	Google	✓

Resource title	URL	Platform	Contained information on at least one data catalog tool
Was ist ein Data Catalog?	<a href="https://www.bigdata-insider.de/was-ist-ein-data-catalog-a-934560/">https://www.bigdata-insider.de/was-ist-ein-data-catalog-a-934560/</a>	Google	✓
What are the main features of data catalog software?	<a href="https://www.octopai.com/questions/what-are-the-main-features-of-data-catalog-software/">https://www.octopai.com/questions/what-are-the-main-features-of-data-catalog-software/</a>	Google	✓
What Data Catalog tool are you using? : r/dataengineering	<a href="https://www.reddit.com/r/dataengineering/comments/svgtwi/what_data_catalog_tool_are_you_using/">https://www.reddit.com/r/dataengineering/comments/svgtwi/what_data_catalog_tool_are_you_using/</a>	Google	✓
What is a Data Catalog	<a href="https://www.ibm.com/topics/data-catalog">https://www.ibm.com/topics/data-catalog</a>	Google	✓
What Is A Data Catalog & Why Do You Need One? - Slingshot	<a href="https://www.slingshotapp.io/blog/data-catalog">https://www.slingshotapp.io/blog/data-catalog</a>	Google	✓
What is a data catalog and what is it used for?	<a href="https://www.contiamo.com/wiki-article/what-is-a-data-catalog-and-what-is-it-used-for">https://www.contiamo.com/wiki-article/what-is-a-data-catalog-and-what-is-it-used-for</a>	Google	✓
What Is a Data Catalog and Why Do You Need One?	<a href="https://www.oracle.com/big-data/data-catalog/what-is-a-data-catalog/">https://www.oracle.com/big-data/data-catalog/what-is-a-data-catalog/</a>	Google	✓
What is a Data Catalog, and Do You Need One?	<a href="https://www.talend.com/resources/what-is-data-catalog/">https://www.talend.com/resources/what-is-data-catalog/</a>	Google	✓
What is a data catalog, and how does the modern data catalog empower effective data management?	<a href="https://data.world/blog/what-is-a-data-catalog/">https://data.world/blog/what-is-a-data-catalog/</a>	Google	✓
What is a Data Catalog?	<a href="https://training.dataversity.net/courses/what-is-a-data-catalog">https://training.dataversity.net/courses/what-is-a-data-catalog</a>	Google	✗
What is a Data Catalog?	<a href="https://www.irion-edm.com/data-management-insights/what-is-data-catalog/">https://www.irion-edm.com/data-management-insights/what-is-data-catalog/</a>	Google	✓
What is a Data Catalog? (And Why You Need One)	<a href="https://www.qlik.com/us/data-management/data-catalog">https://www.qlik.com/us/data-management/data-catalog</a>	Google	✓
What Is a Data Catalog? Data Catalog Features & Benefits	<a href="https://www.alation.com/blog/what-is-a-data-catalog/">https://www.alation.com/blog/what-is-a-data-catalog/</a>	Google	✓
What Is a Data Catalog? Definition, Examples, and Best Practices - Spiceworks	<a href="https://www.spiceworks.com/tech/big-data/articles/what-is-a-data-catalog-definition-examples-and-best-practices/">https://www.spiceworks.com/tech/big-data/articles/what-is-a-data-catalog-definition-examples-and-best-practices/</a>	Google	✓
What is a Data Catalog? Overview and Top Tools to Know	<a href="https://databand.ai/blog/what-is-a-data-catalog-overview-and-top-tools-to-know/">https://databand.ai/blog/what-is-a-data-catalog-overview-and-top-tools-to-know/</a>	Google	✓
What is a Data Catalog? Value, Benefits and Features - TDAN.com	<a href="https://tdan.com/what-is-a-data-catalog-value-benefits-and-features/27998">https://tdan.com/what-is-a-data-catalog-value-benefits-and-features/27998</a>	Google	✓
What is Data Catalog?	<a href="https://cloud.google.com/data-catalog/docs/concepts/overview?hl=de">https://cloud.google.com/data-catalog/docs/concepts/overview?hl=de</a>	Google	✓
What Team Supports Your Data Catalog Best?	<a href="https://www.phdata.io/blog/whats-the-best-team-to-support-your-data-catalog-tool/">https://www.phdata.io/blog/whats-the-best-team-to-support-your-data-catalog-tool/</a>	Google	✓
Worldwide Data Catalog Software 2020 Vendor Assessment	<a href="https://www.idc.com/getdoc.jsp?containerId=US45473620">https://www.idc.com/getdoc.jsp?containerId=US45473620</a>	Google	✓
yanzhao-irit/data-lake-metadata-management-system	<a href="https://github.com/yanzhao-irit/data-lake-metadata-management-system">https://github.com/yanzhao-irit/data-lake-metadata-management-system</a>	Google	✓
Zeenea Data Discovery Platform	<a href="https://zeenea.com/de/home/">https://zeenea.com/de/home/</a>	Google	✓
(An) efficient flash file system based on the metadata management, writeback, and duplicate elimination for nAND flash memory storage systems	<a href="https://koasas.kaist.ac.kr/handle/10203/35457#">https://koasas.kaist.ac.kr/handle/10203/35457#</a>	Google Scholar	✗
A Distributed Metadata Management, Data Discovery and Access System	<a href="https://citeseerx.ist.psu.edu/document?repid=rep1&amp;type=pdf&amp;doi=2e302037dea68d95e6cbd156e217477c12ea81ee">https://citeseerx.ist.psu.edu/document?repid=rep1&amp;type=pdf&amp;doi=2e302037dea68d95e6cbd156e217477c12ea81ee</a>	Google Scholar	✓
A flexible online metadata editing and management system	<a href="https://www.sciencedirect.com/science/article/pii/S1574954109000703?casa_token=TymaRZkQks0AAAAA:gUVExyF654v-dlGvEmWZzDt9Nu4Z_c24OW3jJwsI2_iIF8KvNMTGyc0bMGE-3Ot8z4p4bTtvr1A">https://www.sciencedirect.com/science/article/pii/S1574954109000703?casa_token=TymaRZkQks0AAAAA:gUVExyF654v-dlGvEmWZzDt9Nu4Z_c24OW3jJwsI2_iIF8KvNMTGyc0bMGE-3Ot8z4p4bTtvr1A</a>	Google Scholar	✗
A Free and Open Source Web-based Data Catalog Evaluation Tool	<a href="https://ui.adsabs.harvard.edu/abs/2015AGUFMIN13B1843O/abstract">https://ui.adsabs.harvard.edu/abs/2015AGUFMIN13B1843O/abstract</a>	Google Scholar	✗
A Metadata Model and Information System for the Management of Resources in a Grid-Based PSE Toolkit	<a href="https://link.springer.com/chapter/10.1007/11557654_78">https://link.springer.com/chapter/10.1007/11557654_78</a>	Google Scholar	✗
A method of content-based image analysis using SVM classifier in data catalogue and archive system of remote sensing satellite	<a href="https://www.spiedigitallibrary.org/conference-proceedings-of-spie/7651/76510T/A-method-of-content-based-image-analysis-using-SVM-classifier/10.1117/12.855483.short?SSO=1">https://www.spiedigitallibrary.org/conference-proceedings-of-spie/7651/76510T/A-method-of-content-based-image-analysis-using-SVM-classifier/10.1117/12.855483.short?SSO=1</a>	Google Scholar	✗
A Method of Content-based Image Analysis Using SVM Classifier in Data Catalogue and Archive System of Remote Sensing Satellite	<a href="https://pascal-francis.inist.fr/vibad/index.php?action=getRecordDetail&amp;idt=23095679">https://pascal-francis.inist.fr/vibad/index.php?action=getRecordDetail&amp;idt=23095679</a>	Google Scholar	✗



Resource title	URL	Platform	Contained information on at least one data catalog tool
A modification on existing cultural metadata management system to accommodate community-driven and holistic cultural metadata	<a href="https://iopscience.iop.org/article/10.1088/1742-6596/1201/1/012037/meta">https://iopscience.iop.org/article/10.1088/1742-6596/1201/1/012037/meta</a>	Google Scholar	✓
A Multimedia Content Management and Retrieval System Based on Metadata and Ontologies	<a href="https://ieeexplore.ieee.org/abstract/document/4284710?casa_token=mnUlqq9MvxkAAAAA:FH_hfl4h-gtBJg9fMvkmHvcwKaKiJKzr0JQGQ8wICgos2NcoRD-WMDs1TqUb4qPbj5bgf43iVCCXlg">https://ieeexplore.ieee.org/abstract/document/4284710?casa_token=mnUlqq9MvxkAAAAA:FH_hfl4h-gtBJg9fMvkmHvcwKaKiJKzr0JQGQ8wICgos2NcoRD-WMDs1TqUb4qPbj5bgf43iVCCXlg</a>	Google Scholar	✗
A Replication and Cache based Distributed Metadata Management System for Data Grid	<a href="https://ieeexplore.ieee.org/document/4287816">https://ieeexplore.ieee.org/document/4287816</a>	Google Scholar	✓
A Study on Design of Metadata Management Demonstration System for damage prediction from storm and flood	<a href="https://koreascience.kr/article/CFKO201736062690830.pdf">https://koreascience.kr/article/CFKO201736062690830.pdf</a>	Google Scholar	✗
Adaptive Metadata Management and Flexible Consistency in a Distributed In-memory File-System	<a href="https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=6118933">https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=6118933</a>	Google Scholar	✗
Construction of Railway Metadata Management System Based on Metadata Content Model and CWM Exchange Mechanism	<a href="https://ieeexplore.ieee.org/document/8593216?denied=">https://ieeexplore.ieee.org/document/8593216?denied=</a>	Google Scholar	✓
Contents management system specialized handling metadata for broadcasting and other services based on file-based workflow	<a href="https://digital-library.theiet.org/content/conferences/10.1049/ib.2014.0043">https://digital-library.theiet.org/content/conferences/10.1049/ib.2014.0043</a>	Google Scholar	✗
Design and construction of national satellite remote sensing image metadata database management system	<a href="https://ieeexplore.ieee.org/abstract/document/5964052?casa_token=h4OLwKk8Y1cAAAAA:9k1a9nE47VrrbSRY55xRj2e8HEju5pM3CVziyc0sJ36e8eSGN3jy2M4EXs9o37dMyP-JcQrNei4hdQ">https://ieeexplore.ieee.org/abstract/document/5964052?casa_token=h4OLwKk8Y1cAAAAA:9k1a9nE47VrrbSRY55xRj2e8HEju5pM3CVziyc0sJ36e8eSGN3jy2M4EXs9o37dMyP-JcQrNei4hdQ</a>	Google Scholar	✗
Design and Development of Metadata Management Tool for Learning Objects	<a href="https://vtechworks.lib.vt.edu/bitstream/handle/10919/103649/Okoth_DO_D_2019.pdf?sequence=1&amp;isAllowed=y">https://vtechworks.lib.vt.edu/bitstream/handle/10919/103649/Okoth_DO_D_2019.pdf?sequence=1&amp;isAllowed=y</a>	Google Scholar	✓
Design and Implementation of Metadata Management System for Serious Game	<a href="https://koreascience.kr/article/JAKO201023850762182.page">https://koreascience.kr/article/JAKO201023850762182.page</a>	Google Scholar	✗
Design and Implementation of NGDC Geospatial Metadata Management System	<a href="https://link.springer.com/chapter/10.1007/978-94-007-7262-5_87">https://link.springer.com/chapter/10.1007/978-94-007-7262-5_87</a>	Google Scholar	✗
Design and Implementation of Real World Oriented Metadata Management System MeT for Semantic Sensor Network	<a href="https://jglobal.jst.go.jp/en/detail?JGLOBAL_ID=200902209332282849">https://jglobal.jst.go.jp/en/detail?JGLOBAL_ID=200902209332282849</a>	Google Scholar	✗
Design and Implementation of USN Metadata Management System	<a href="https://koreascience.kr/article/CFKO201028451823442.page">https://koreascience.kr/article/CFKO201028451823442.page</a>	Google Scholar	✗
Discussion on Compatibility of Satellite Data Catalogue and Archive System	<a href="http://www.rsta.ac.cn/EN/10.11873/j.issn.1004-0323.2007.3.428">http://www.rsta.ac.cn/EN/10.11873/j.issn.1004-0323.2007.3.428</a>	Google Scholar	✗
Dynamic Metadata Management System for Digital Archives: Design and Construction	<a href="https://www.igi-global.com/chapter/design-usability-digital-libraries/8132">https://www.igi-global.com/chapter/design-usability-digital-libraries/8132</a>	Google Scholar	✓
Enabling New Collaboration and Research Capabilities in Language Sciences: Management of Language Acquisition Data and Metadata with the Data Transcription and Analysis Tool	<a href="https://library.oapen.org/bitstream/handle/20.500.12657/23502/1006651.pdf?sequence=1#page=174">https://library.oapen.org/bitstream/handle/20.500.12657/23502/1006651.pdf?sequence=1#page=174</a>	Google Scholar	✗
GEMMS: A Generic and Extensible Metadata Management System for Data Lakes	<a href="https://ceur-ws.org/Vol-1612/paper17.pdf">https://ceur-ws.org/Vol-1612/paper17.pdf</a>	Google Scholar	✓
Learning Object Management and Evaluation: Working with IMS Specifications and Metadata on AHKME LOM Tool	<a href="https://repositorio.grial.eu/handle/grial/2491">https://repositorio.grial.eu/handle/grial/2491</a>	Google Scholar	✗
Management and Use of Metadata as a Legal Information Retrieval Tool: Nigerian Legal Practices	<a href="https://www.igi-global.com/chapter/management-and-use-of-metadata-as-a-legal-information-retrieval-tool/296914">https://www.igi-global.com/chapter/management-and-use-of-metadata-as-a-legal-information-retrieval-tool/296914</a>	Google Scholar	✗
Master Metadata Repository and Metadata-Management System	<a href="https://ntrs.nasa.gov/citations/20100010992">https://ntrs.nasa.gov/citations/20100010992</a>	Google Scholar	✗
Mercury- Distributed Metadata Management, Data Discovery and Access System	<a href="https://ui.adsabs.harvard.edu/abs/2007AGUFMIN31C..05P/abstract">https://ui.adsabs.harvard.edu/abs/2007AGUFMIN31C..05P/abstract</a>	Google Scholar	✓
Mercury: An Example of Effective Software Reuse for Metadata Management, Data Discovery and Access	<a href="https://www.osti.gov/biblio/1136821">https://www.osti.gov/biblio/1136821</a>	Google Scholar	✓
Mercury: reusable metadata management, data discovery and access system	<a href="https://link.springer.com/article/10.1007/s12145-010-0050-7">https://link.springer.com/article/10.1007/s12145-010-0050-7</a>	Google Scholar	✓
Mercury: Reusable software application for Metadata Management, Data Discovery and Access	<a href="https://ui.adsabs.harvard.edu/abs/2009AGUFMIN11C1060D/abstract">https://ui.adsabs.harvard.edu/abs/2009AGUFMIN11C1060D/abstract</a>	Google Scholar	✓



Resource title	URL	Platform	Contained information on at least one data catalog tool
Metadata and Knowledge Management Driven Web-Based Learning Information System Towards Web/E-Learning 3.0	<a href="https://www.learntechlib.org/p/44900/">https://www.learntechlib.org/p/44900/</a>	Google Scholar	✗
Metadata and knowledge management driven web-based learning information system	<a href="https://www.inderscienceonline.com/doi/epdf/10.1504/IJTEL.2009.024868">https://www.inderscienceonline.com/doi/epdf/10.1504/IJTEL.2009.024868</a>	Google Scholar	✗
Metadata and Knowledge Management Driven Web-Based Learning Information System	<a href="https://link.springer.com/chapter/10.1007/978-3-540-87783-7_39">https://link.springer.com/chapter/10.1007/978-3-540-87783-7_39</a>	Google Scholar	✗
Metadata Creation, Management and Search System for your Scientific Data	<a href="https://ui.adsabs.harvard.edu/abs/2012AGUFMIN41A1479D/abstract">https://ui.adsabs.harvard.edu/abs/2012AGUFMIN41A1479D/abstract</a>	Google Scholar	✓
Metadata Management and Harvesting System in Smart Open Data As a Service	<a href="https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=9728796">https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=9728796</a>	Google Scholar	✓
METALloc: Efficient and Comprehensive Metadata Management for Software Security Hardening	<a href="https://dl.acm.org/doi/pdf/10.1145/2905760.2905766">https://dl.acm.org/doi/pdf/10.1145/2905760.2905766</a>	Google Scholar	✗
MetaSys: A Practical Open-source Metadata Management System to Implement and Evaluate Cross-layer Optimizations	<a href="https://dl.acm.org/doi/full/10.1145/3505250">https://dl.acm.org/doi/full/10.1145/3505250</a>	Google Scholar	✗
Multimedia Learning Object Metadata Management and Mapping Tool	<a href="https://www.learntechlib.org/p/20274/">https://www.learntechlib.org/p/20274/</a>	Google Scholar	✓
Research of LANCANG River Basin Data Information Sharing System Based on Metadata and Dataset Management	<a href="http://www.jiii.org/uploadfile/2013/0510/20130510044309769.pdf">http://www.jiii.org/uploadfile/2013/0510/20130510044309769.pdf</a>	Google Scholar	✓
Research on Financial Intelligence System Architecture and Metadata Management Based on Support Vector Machine	<a href="https://dl.acm.org/doi/abs/10.1145/3482632.3487532?casa_token=542-cANWx-0AAAAA:PXQYBcpEeD_jMwC67vebzTcTARyYJtFQvi0_3cNZl8MZjXMjiihMYwZZhLxgc8Xz5qS71S4fhmJww">https://dl.acm.org/doi/abs/10.1145/3482632.3487532?casa_token=542-cANWx-0AAAAA:PXQYBcpEeD_jMwC67vebzTcTARyYJtFQvi0_3cNZl8MZjXMjiihMYwZZhLxgc8Xz5qS71S4fhmJww</a>	Google Scholar	✗
Research on Metadata Management System of Linkage Service of Scientific Data and Scientific Literature	<a href="https://www.matec-conferences.org/articles/matecconf/abs/2018/105/matecconf_iswso2018_03026/matecconf_iswso2018_03026.html">https://www.matec-conferences.org/articles/matecconf/abs/2018/105/matecconf_iswso2018_03026/matecconf_iswso2018_03026.html</a>	Google Scholar	✓
SAP HANA Distributed In-Memory Database System: Transaction, Session, and Metadata Management	<a href="https://ieeexplore.ieee.org/abstract/document/6544906?casa_token=PQ-O68UGrYEAAAAA:mYqVDt0FBVdaY57Fc8gr-CKDIGq2ldTwwb3lecCkrk45HZnPLLE2obquNesRXHLdootrIRvt3iUf7g">https://ieeexplore.ieee.org/abstract/document/6544906?casa_token=PQ-O68UGrYEAAAAA:mYqVDt0FBVdaY57Fc8gr-CKDIGq2ldTwwb3lecCkrk45HZnPLLE2obquNesRXHLdootrIRvt3iUf7g</a>	Google Scholar	✗
SEMANTIC MEDIAWIKI: A USER-ORIENTED SYSTEM FOR INTEGRATED CONTENT AND METADATA MANAGEMENT SYSTEM	<a href="http://www-kasm.nii.ac.jp/papers/takeda/05/hendry05icwi.pdf">http://www-kasm.nii.ac.jp/papers/takeda/05/hendry05icwi.pdf</a>	Google Scholar	✗
Semantic Wiki as an Integrated Content and Metadata Management System	<a href="http://www-kasm.nii.ac.jp/papers/takeda/05/hendry05iswc02.pdf">http://www-kasm.nii.ac.jp/papers/takeda/05/hendry05iswc02.pdf</a>	Google Scholar	✗
Service Oriented Metadata Management and Data Discovery System	<a href="https://citeseerx.ist.psu.edu/document?repid=rep1&amp;type=pdf&amp;doi=e65354600b9450b15a8f4b64a06b94ae68b94fdc">https://citeseerx.ist.psu.edu/document?repid=rep1&amp;type=pdf&amp;doi=e65354600b9450b15a8f4b64a06b94ae68b94fdc</a>	Google Scholar	✓
System for Earth Sample Registration SESAR: Services for IGSN Registration and Sample Metadata Management	<a href="https://ui.adsabs.harvard.edu/abs/2011AGUFMIN13B1332C/abstract">https://ui.adsabs.harvard.edu/abs/2011AGUFMIN13B1332C/abstract</a>	Google Scholar	✗
Technologies and software for the regional catalog of Russian spacecraft satellite data	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/862/2/022061/meta">https://iopscience.iop.org/article/10.1088/1757-899X/862/2/022061/meta</a>	Google Scholar	✗
The Data Catalogue of the Permafrost Information System PerSys – An Open Access geospatial data dissemination and visualization portal for products from ESA DUE GlobPermafrost	<a href="https://awi.eprints-hosting.org/id/eprint/48602/">https://awi.eprints-hosting.org/id/eprint/48602/</a>	Google Scholar	✓
The Design and Implementation of Device Certificate and Metadata Management System using Blockchain	<a href="https://repository.hanyang.ac.kr/handle/20.500.11754/109501">https://repository.hanyang.ac.kr/handle/20.500.11754/109501</a>	Google Scholar	✗
The eGenVar data management system—cataloguing and sharing sensitive data and metadata for the life sciences	<a href="https://academic.oup.com/database/article/doi/10.1093/database/bau027/2634026">https://academic.oup.com/database/article/doi/10.1093/database/bau027/2634026</a>	Google Scholar	✓
Towards a Metadata Management System for Provenance, Reproducibility and Accountability in Federated Machine Learning	<a href="https://link.springer.com/chapter/10.1007/978-3-031-23298-5_1">https://link.springer.com/chapter/10.1007/978-3-031-23298-5_1</a>	Google Scholar	✓
VizieR Online Data Catalog: HD 108236 system observed with CHEOPS and TESS (Hoyer+, 2022)	<a href="https://ui.adsabs.harvard.edu/abs/2022yCat..36680117H/abstract">https://ui.adsabs.harvard.edu/abs/2022yCat..36680117H/abstract</a>	Google Scholar	✓
VizieR Online Data Catalog: HD141569A system ALMA and NOEMA data cubes (Di Folco+, 2020)	<a href="https://ui.adsabs.harvard.edu/abs/2020yCat..36350094D/abstract">https://ui.adsabs.harvard.edu/abs/2020yCat..36350094D/abstract</a>	Google Scholar	✓

Resource title	URL	Platform	Contained information on at least one data catalog tool
VizieR Online Data Catalog: HST and Magellan observations of Haumea system (Hastings+, 2016)	<a href="https://ui.adsabs.harvard.edu/abs/2017yCat..51520195H/abstract">https://ui.adsabs.harvard.edu/abs/2017yCat..51520195H/abstract</a>	Google Scholar	✓
VizieR Online Data Catalog: Lyra system LoFAR and XMM images (Botteon+, 2019)	<a href="https://ui.adsabs.harvard.edu/abs/2019yCat..36300077B/abstract">https://ui.adsabs.harvard.edu/abs/2019yCat..36300077B/abstract</a>	Google Scholar	✓
VizieR Online Data Catalog: Triple system HD 28363; RVel and visual observations (Torres+, 2019)	<a href="https://ui.adsabs.harvard.edu/abs/2021yCat..18850009T/abstract">https://ui.adsabs.harvard.edu/abs/2021yCat..18850009T/abstract</a>	Google Scholar	✓
VizieR Online Data Catalog: V-band photometry and RVs of V482 Persei system (Torres+, 2017)	<a href="https://ui.adsabs.harvard.edu/abs/2018yCat..18460115T/abstract">https://ui.adsabs.harvard.edu/abs/2018yCat..18460115T/abstract</a>	Google Scholar	✓
VizieR Online Data Catalog: Velocities and transit times in the Kepler-88 system (Weiss+, 2020)	<a href="https://ui.adsabs.harvard.edu/abs/2020yCat..51590242W/abstract">https://ui.adsabs.harvard.edu/abs/2020yCat..51590242W/abstract</a>	Google Scholar	✓
Zamani Data Archive: Metadata Management Tool and Search Interface	<a href="https://projects.cs.uct.ac.za/honsproj/cgi-bin/view/2014/benson_ferguson.zip/downloads/Michael_Ferguson_%20Downloads/HONOURS_PROJECT_REPORT_FINAL_MichaelFerguson_29_10_2014.pdf">https://projects.cs.uct.ac.za/honsproj/cgi-bin/view/2014/benson_ferguson.zip/downloads/Michael_Ferguson_%20Downloads/HONOURS_PROJECT_REPORT_FINAL_MichaelFerguson_29_10_2014.pdf</a>	Google Scholar	✓
A Benchmark for RDF-based Metadata Management in Distributed Long-Term Digital Preservation	<a href="https://ieeexplore.ieee.org/document/6313649">https://ieeexplore.ieee.org/document/6313649</a>	IEEE	✗
A Comparative Study of Tools for Smart Cities Open Data Publication and Management	<a href="https://ieeexplore.ieee.org/document/8501408">https://ieeexplore.ieee.org/document/8501408</a>	IEEE	✓
A data management system for AirScope	<a href="https://ieeexplore.ieee.org/document/6528653">https://ieeexplore.ieee.org/document/6528653</a>	IEEE	✓
A design of efficient metadata cluster in large distributed storage systems	<a href="https://ieeexplore.ieee.org/document/5361095">https://ieeexplore.ieee.org/document/5361095</a>	IEEE	✗
A Distributed Cache Framework for Metadata Service of Distributed File Systems	<a href="https://ieeexplore.ieee.org/document/6808157">https://ieeexplore.ieee.org/document/6808157</a>	IEEE	✗
A distributed spatial data integrated management prototype for geological applications	<a href="https://ieeexplore.ieee.org/document/6626058">https://ieeexplore.ieee.org/document/6626058</a>	IEEE	✓
A Dynamic Data Grid Replication Strategy to Minimize the Data Missed	<a href="https://ieeexplore.ieee.org/document/4374420">https://ieeexplore.ieee.org/document/4374420</a>	IEEE	✗
A Dynamic Metadata Equipotent Subtree Partition Policy for Mass Storage System	<a href="https://ieeexplore.ieee.org/document/4402596">https://ieeexplore.ieee.org/document/4402596</a>	IEEE	✗
A Fine-Grained Access Control Scheme for Big Data Based on Classification Attributes	<a href="https://ieeexplore.ieee.org/document/7979823">https://ieeexplore.ieee.org/document/7979823</a>	IEEE	✗
A framework for distributed metadata management of mineral information resources with access control	<a href="https://ieeexplore.ieee.org/document/6626035">https://ieeexplore.ieee.org/document/6626035</a>	IEEE	✓
A framework study of ETL processes optimization based on metadata repository	<a href="https://ieeexplore.ieee.org/document/5486338">https://ieeexplore.ieee.org/document/5486338</a>	IEEE	✗
A Generalized Model for Mediator Based Information Integration	<a href="https://ieeexplore.ieee.org/document/4318113">https://ieeexplore.ieee.org/document/4318113</a>	IEEE	✗
A Highly Reliable Metadata Service for Large-Scale Distributed File Systems	<a href="https://ieeexplore.ieee.org/document/8812918">https://ieeexplore.ieee.org/document/8812918</a>	IEEE	✗
A kind of distributed file system based on massive small files storage	<a href="https://ieeexplore.ieee.org/document/6413521">https://ieeexplore.ieee.org/document/6413521</a>	IEEE	✗
A Kind of Knowledge Metadata Management Model Research Based on Semantic Grid	<a href="https://ieeexplore.ieee.org/document/8288486">https://ieeexplore.ieee.org/document/8288486</a>	IEEE	✗
A Medical Information Management System Using the Semantic Web Technology	<a href="https://ieeexplore.ieee.org/document/4624120">https://ieeexplore.ieee.org/document/4624120</a>	IEEE	✗
A memory hierarchy-aware metadata management technique for Solid State Disks	<a href="https://ieeexplore.ieee.org/document/6026485">https://ieeexplore.ieee.org/document/6026485</a>	IEEE	✗
A metadata management framework for marine information based on XML	<a href="https://ieeexplore.ieee.org/document/6755637">https://ieeexplore.ieee.org/document/6755637</a>	IEEE	✓
A modular semantic infrastructure layout for the management of hypermodel-pertinent metadata in the context of In Silico oncology	<a href="https://ieeexplore.ieee.org/document/7034640">https://ieeexplore.ieee.org/document/7034640</a>	IEEE	✗
A multi-level metadata structure for image archiving	<a href="https://ieeexplore.ieee.org/document/4809689">https://ieeexplore.ieee.org/document/4809689</a>	IEEE	✗
A network-centric approach to enhanced national airspace security	<a href="https://ieeexplore.ieee.org/document/1655881">https://ieeexplore.ieee.org/document/1655881</a>	IEEE	✗
A New Exploration to Build Flash-Based Storage Systems by Co-designing File System and FTL	<a href="https://ieeexplore.ieee.org/document/6755318">https://ieeexplore.ieee.org/document/6755318</a>	IEEE	✗

Resource title	URL	Platform	Contained information on at least one data catalog tool
A Novel Dynamic Metadata Management Scheme for Large Distributed Storage Systems	<a href="https://ieeexplore.ieee.org/document/4637814">https://ieeexplore.ieee.org/document/4637814</a>	IEEE	✗
A Novel Metadata Management Architecture Based on Service Separation in Cluster File System	<a href="https://ieeexplore.ieee.org/document/5372815">https://ieeexplore.ieee.org/document/5372815</a>	IEEE	✗
A novel metadata management scheme in Cloud Computing	<a href="https://ieeexplore.ieee.org/document/5608877">https://ieeexplore.ieee.org/document/5608877</a>	IEEE	✗
A Novel Non-Volatile Memory Update Mechanism for 6G Edge Computing	<a href="https://ieeexplore.ieee.org/document/9815534">https://ieeexplore.ieee.org/document/9815534</a>	IEEE	✗
A policy-based approach for assuring data integrity in DBMSs	<a href="https://ieeexplore.ieee.org/document/5767056">https://ieeexplore.ieee.org/document/5767056</a>	IEEE	✗
A real-time hot swapping technique for SSD RAID systems	<a href="https://ieeexplore.ieee.org/document/7539917">https://ieeexplore.ieee.org/document/7539917</a>	IEEE	✗
A Remote IDS Based on Multi-Agent Systems, Web Services and MDA	<a href="https://ieeexplore.ieee.org/document/4031849">https://ieeexplore.ieee.org/document/4031849</a>	IEEE	✗
A Replication and Cache based Distributed Metadata Management System for Data Grid	<a href="https://ieeexplore.ieee.org/document/4287816">https://ieeexplore.ieee.org/document/4287816</a>	IEEE	✓
A secure private cloud storage system based on virtual isolation mechanism	<a href="https://ieeexplore.ieee.org/document/7509831">https://ieeexplore.ieee.org/document/7509831</a>	IEEE	✗
A Semantic Integration Framework for E-Business and Logistics Systems	<a href="https://ieeexplore.ieee.org/document/4722368">https://ieeexplore.ieee.org/document/4722368</a>	IEEE	✗
A service-oriented architecture for Virtual Laboratory Integration and Management	<a href="https://ieeexplore.ieee.org/document/4620485">https://ieeexplore.ieee.org/document/4620485</a>	IEEE	✗
A Tiered Storage System Architecture for Biomedical Data Sharing	<a href="https://ieeexplore.ieee.org/document/5462312">https://ieeexplore.ieee.org/document/5462312</a>	IEEE	✗
A Universal Namespace Approach to Support Metadata Management and Efficient Data Convergence of HPC and Cloud Scientific Workflows	<a href="https://ieeexplore.ieee.org/document/8622588">https://ieeexplore.ieee.org/document/8622588</a>	IEEE	✗
A virtual shared metadata storage for HDFS	<a href="https://ieeexplore.ieee.org/document/7255195">https://ieeexplore.ieee.org/document/7255195</a>	IEEE	✗
Adaptive and scalable metadata management to support a trillion files	<a href="https://ieeexplore.ieee.org/document/6375575">https://ieeexplore.ieee.org/document/6375575</a>	IEEE	✓
Adaptive Metadata Management and Flexible Consistency in a Distributed In-memory File-System	<a href="https://ieeexplore.ieee.org/document/6118933">https://ieeexplore.ieee.org/document/6118933</a>	IEEE	✗
Addressing exploitability of Smart City data	<a href="https://ieeexplore.ieee.org/document/7580764">https://ieeexplore.ieee.org/document/7580764</a>	IEEE	✓
Agile way of BI implementation	<a href="https://ieeexplore.ieee.org/document/6139618">https://ieeexplore.ieee.org/document/6139618</a>	IEEE	✗
An Adaptive Metadata Management Scheme Based on Deep Reinforcement Learning for Large-Scale Distributed File Systems	<a href="https://ieeexplore.ieee.org/document/10106289">https://ieeexplore.ieee.org/document/10106289</a>	IEEE	✗
An advanced and reliable initialization technique using virtual clustering for flash memory based embedded and real time systems	<a href="https://ieeexplore.ieee.org/document/6316668">https://ieeexplore.ieee.org/document/6316668</a>	IEEE	✗
An Efficient and Flexible Metadata Management Layer for Local File Systems	<a href="https://ieeexplore.ieee.org/document/8988643">https://ieeexplore.ieee.org/document/8988643</a>	IEEE	✗
An Efficient Big Data Storage Service Architecture	<a href="https://ieeexplore.ieee.org/document/9776303">https://ieeexplore.ieee.org/document/9776303</a>	IEEE	✗
An efficient dynamic indexing and metadata based storage in cloud environment	<a href="https://ieeexplore.ieee.org/document/6996151">https://ieeexplore.ieee.org/document/6996151</a>	IEEE	✗
An Efficient LSM-Tree-Based SQLite-Like Database Engine for Mobile Devices	<a href="https://ieeexplore.ieee.org/document/8411471/">https://ieeexplore.ieee.org/document/8411471/</a>	IEEE	✗
An Efficient Metadata Identifier Management Scheme in Multi-CMSs Environment	<a href="https://ieeexplore.ieee.org/document/4420323">https://ieeexplore.ieee.org/document/4420323</a>	IEEE	✗
An Efficient Ring-Based Metadata Management Policy for Large-Scale Distributed File Systems	<a href="https://ieeexplore.ieee.org/document/8653345">https://ieeexplore.ieee.org/document/8653345</a>	IEEE	✗
An End-to-End Learning-Based Metadata Management Approach for Distributed File Systems	<a href="https://ieeexplore.ieee.org/document/9395222">https://ieeexplore.ieee.org/document/9395222</a>	IEEE	✗
An ETL Services Framework Based on Metadata	<a href="https://ieeexplore.ieee.org/document/5473575">https://ieeexplore.ieee.org/document/5473575</a>	IEEE	✗
An Improved Small File Storage Strategy in Ceph File System	<a href="https://ieeexplore.ieee.org/document/8564354">https://ieeexplore.ieee.org/document/8564354</a>	IEEE	✗
An Integration Framework Based on Metadata and Identifier Management for Heterogeneous CMSs	<a href="https://ieeexplore.ieee.org/document/4722876">https://ieeexplore.ieee.org/document/4722876</a>	IEEE	✗
An Intelligent Metadata Management System	<a href="https://ieeexplore.ieee.org/document/5318903">https://ieeexplore.ieee.org/document/5318903</a>	IEEE	✓

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An Ontology-Based Semantic Search Approach for Geosciences	<a href="https://ieeexplore.ieee.org/document/5362438">https://ieeexplore.ieee.org/document/5362438</a>	IEEE	✗
An Open Sharing Pattern Design of Massive Power Big Data	<a href="https://ieeexplore.ieee.org/document/8725750">https://ieeexplore.ieee.org/document/8725750</a>	IEEE	✗
An Optimized Generic Client Service API for Managing Large Datasets within a Data Repository	<a href="https://ieeexplore.ieee.org/document/7184863">https://ieeexplore.ieee.org/document/7184863</a>	IEEE	✓
An SIMD-Accelerated Metadata Management Scheme for Persistent Memory File Systems	<a href="https://ieeexplore.ieee.org/document/9826066">https://ieeexplore.ieee.org/document/9826066</a>	IEEE	✗
Analysing the effectiveness of COMA++ on the mapping between Traditional Malay Textile (TMT) knowledge model and CIDOC CRM	<a href="https://ieeexplore.ieee.org/document/5561323">https://ieeexplore.ieee.org/document/5561323</a>	IEEE	✗
Analysis on the Design and Implementation of the Metadata Management Model in the Cloud Computing Business Intelligence Platform	<a href="https://ieeexplore.ieee.org/document/9752191">https://ieeexplore.ieee.org/document/9752191</a>	IEEE	✗
ARCE: Towards Code Pointer Integrity on Embedded Processors Using Architecture-Assisted Run-Time Metadata Management	<a href="https://ieeexplore.ieee.org/document/8807150">https://ieeexplore.ieee.org/document/8807150</a>	IEEE	✗
Aria: Tolerating Skewed Workloads in Secure In-memory Key-value Stores	<a href="https://ieeexplore.ieee.org/document/9458662">https://ieeexplore.ieee.org/document/9458662</a>	IEEE	✗
Aspects of Data Cataloguing for Enterprise Data Platforms	<a href="https://ieeexplore.ieee.org/document/7502278">https://ieeexplore.ieee.org/document/7502278</a>	IEEE	✓
Atomicity violation checker for task parallel programs	<a href="https://ieeexplore.ieee.org/document/7559548">https://ieeexplore.ieee.org/document/7559548</a>	IEEE	✗
Augmenting Data Systems with Prediction based Embeddings	<a href="https://ieeexplore.ieee.org/document/9555031">https://ieeexplore.ieee.org/document/9555031</a>	IEEE	✗
Authentication and Authorization Service for X-SIGMA System	<a href="https://ieeexplore.ieee.org/document/4624156">https://ieeexplore.ieee.org/document/4624156</a>	IEEE	✗
Backing Up Your Data to the Cloud: Want to Pay Less?	<a href="https://ieeexplore.ieee.org/document/6687374">https://ieeexplore.ieee.org/document/6687374</a>	IEEE	✗
BatchFS: Scaling the File System Control Plane with Client-Funded Metadata Servers	<a href="https://ieeexplore.ieee.org/document/7016275">https://ieeexplore.ieee.org/document/7016275</a>	IEEE	✗
Big Data Analytics Framework for Digital Government	<a href="https://ieeexplore.ieee.org/document/9245461">https://ieeexplore.ieee.org/document/9245461</a>	IEEE	✓
Bi-level Hybrid Metadata Management Policy for Object Based Storage System	<a href="https://ieeexplore.ieee.org/document/6086171">https://ieeexplore.ieee.org/document/6086171</a>	IEEE	✗
Building a Distributed Block Storage System for Cloud Infrastructure	<a href="https://ieeexplore.ieee.org/document/5708465">https://ieeexplore.ieee.org/document/5708465</a>	IEEE	✗
Building Data Grid for Spatial Information Applications by Meta-Data Adapters	<a href="https://ieeexplore.ieee.org/document/4722280">https://ieeexplore.ieee.org/document/4722280</a>	IEEE	✗
Ceph Distributed File System Benchmarks on an Openstack Cloud	<a href="https://ieeexplore.ieee.org/document/7436941">https://ieeexplore.ieee.org/document/7436941</a>	IEEE	✗
CIDR: A Cost-Effective In-Line Data Reduction System for Terabit-Per-Second Scale SSD Arrays	<a href="https://ieeexplore.ieee.org/document/8675249">https://ieeexplore.ieee.org/document/8675249</a>	IEEE	✗
Classification Based Metadata Management for HDFS	<a href="https://ieeexplore.ieee.org/document/6332285">https://ieeexplore.ieee.org/document/6332285</a>	IEEE	✗
Cloud-Native Repositories for Big Scientific Data	<a href="https://ieeexplore.ieee.org/document/9354557">https://ieeexplore.ieee.org/document/9354557</a>	IEEE	✓
Collaborative File Editor Using Repository in a Box	<a href="https://ieeexplore.ieee.org/document/4276494">https://ieeexplore.ieee.org/document/4276494</a>	IEEE	✗
Column-Oriented DWMS Metadata Management Strategy	<a href="https://ieeexplore.ieee.org/document/5677105">https://ieeexplore.ieee.org/document/5677105</a>	IEEE	✗
Combating Dirty Data using Data Virtualization	<a href="https://ieeexplore.ieee.org/document/9033690">https://ieeexplore.ieee.org/document/9033690</a>	IEEE	✗
Component metadata management and publication for the grid	<a href="https://ieeexplore.ieee.org/document/1425143">https://ieeexplore.ieee.org/document/1425143</a>	IEEE	✗
Construction of Railway Metadata Management System Based on Metadata Content Model and CWM Exchange Mechanism	<a href="https://ieeexplore.ieee.org/document/8593216">https://ieeexplore.ieee.org/document/8593216</a>	IEEE	✓
Contour: A Process Variation Aware Wear-Leveling Mechanism for Inodes of Persistent Memory File Systems	<a href="https://ieeexplore.ieee.org/document/9117177">https://ieeexplore.ieee.org/document/9117177</a>	IEEE	✗
Coupling Storage Systems and Self-Describing Data Formats for Global Metadata Management	<a href="https://ieeexplore.ieee.org/document/9457959">https://ieeexplore.ieee.org/document/9457959</a>	IEEE	✗
Crail-KV: A High-Performance Distributed Key-Value Store Leveraging Native KV-SSDs over NVMe-oF	<a href="https://ieeexplore.ieee.org/document/8710776/">https://ieeexplore.ieee.org/document/8710776/</a>	IEEE	✗
Cross-domain metadata management in data intensive distributed computing environment	<a href="https://ieeexplore.ieee.org/document/5289122">https://ieeexplore.ieee.org/document/5289122</a>	IEEE	✓



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csRNA: Connection-Scalable RDMA NIC Architecture in Datacenter Environment	<a href="https://ieeexplore.ieee.org/document/9978505">https://ieeexplore.ieee.org/document/9978505</a>	IEEE	✗
Cyber-infrastructure support for the integration and analysis of student success data	<a href="https://ieeexplore.ieee.org/document/7344372">https://ieeexplore.ieee.org/document/7344372</a>	IEEE	✓
D <sup>2</sup> PS: A Dependable Data Provisioning Service in Multi-tenant Cloud Environment	<a href="https://ieeexplore.ieee.org/document/7423163">https://ieeexplore.ieee.org/document/7423163</a>	IEEE	✗
D2-Tree: A Distributed Double-Layer Namespace Tree Partition Scheme for Metadata Management in Large-Scale Storage Systems	<a href="https://ieeexplore.ieee.org/document/8416284">https://ieeexplore.ieee.org/document/8416284</a>	IEEE	✗
DAOS and Friends: A Proposal for an Exascale Storage System	<a href="https://ieeexplore.ieee.org/document/7877128">https://ieeexplore.ieee.org/document/7877128</a>	IEEE	✗
Data collection in research of lake and catchment data sharing	<a href="https://ieeexplore.ieee.org/document/5567953">https://ieeexplore.ieee.org/document/5567953</a>	IEEE	✗
Data Interoperability and Multimedia Content Management in e-Health Systems	<a href="https://ieeexplore.ieee.org/document/6210386">https://ieeexplore.ieee.org/document/6210386</a>	IEEE	✓
Data Lakes: A Survey of Functions and Systems	<a href="https://ieeexplore.ieee.org/document/10107808">https://ieeexplore.ieee.org/document/10107808</a>	IEEE	✗
Data Profiling Method for Metadata Management	<a href="https://ieeexplore.ieee.org/document/9260066">https://ieeexplore.ieee.org/document/9260066</a>	IEEE	✓
Data security in cloud computing and outsourced databases	<a href="https://ieeexplore.ieee.org/document/7755135">https://ieeexplore.ieee.org/document/7755135</a>	IEEE	✗
Deister: A Light-Weight Autonomous Block Management in Data-Intensive File Systems Using Deterministic Declustering Distribution	<a href="https://ieeexplore.ieee.org/document/7463789">https://ieeexplore.ieee.org/document/7463789</a>	IEEE	✗
Design and application on metadata management for information supply chain	<a href="https://ieeexplore.ieee.org/document/7751658">https://ieeexplore.ieee.org/document/7751658</a>	IEEE	✓
Design and Implementation of an Asymmetric Block-Based Parallel File System	<a href="https://ieeexplore.ieee.org/document/6409830">https://ieeexplore.ieee.org/document/6409830</a>	IEEE	✗
Design and Implementation of Artificial Intelligence Platform Dedicated to Power System	<a href="https://ieeexplore.ieee.org/document/9664153">https://ieeexplore.ieee.org/document/9664153</a>	IEEE	✗
Design Guidelines and Process of Metadata Management Based on Data Management Body of Knowledge	<a href="https://ieeexplore.ieee.org/document/9417156">https://ieeexplore.ieee.org/document/9417156</a>	IEEE	✗
Design guidelines for building user centric Metadata models for data warehouse systems	<a href="https://ieeexplore.ieee.org/document/9077715">https://ieeexplore.ieee.org/document/9077715</a>	IEEE	✗
Design of a Data Auto-select System using Data Catalog for Smart Home	<a href="https://ieeexplore.ieee.org/document/9291935">https://ieeexplore.ieee.org/document/9291935</a>	IEEE	✓
Design of a fault-tolerant middleware for metadata management	<a href="https://ieeexplore.ieee.org/document/7478972">https://ieeexplore.ieee.org/document/7478972</a>	IEEE	✗
Design of Global Data Deduplication for a Scale-Out Distributed Storage System	<a href="https://ieeexplore.ieee.org/document/8416369">https://ieeexplore.ieee.org/document/8416369</a>	IEEE	✗
Designing a Dangerous Location Aware Service Using Space-Oriented Metadata	<a href="https://ieeexplore.ieee.org/document/4108271">https://ieeexplore.ieee.org/document/4108271</a>	IEEE	✗
Development of Web Application for Accessing & Managing e - Resources	<a href="https://ieeexplore.ieee.org/document/10053413">https://ieeexplore.ieee.org/document/10053413</a>	IEEE	✗
Discovering Crime Trends and Patterns Using Three-Dimensional Visual Analytics	<a href="https://ieeexplore.ieee.org/document/8936251">https://ieeexplore.ieee.org/document/8936251</a>	IEEE	✓
Discovery of agriculture data using federated catalogue service	<a href="https://ieeexplore.ieee.org/document/6311728">https://ieeexplore.ieee.org/document/6311728</a>	IEEE	✓
Discovery, query and access services for imagery, gridded and coverage data a clearinghouse solution	<a href="https://ieeexplore.ieee.org/document/4423731">https://ieeexplore.ieee.org/document/4423731</a>	IEEE	✓
DiSK: A distributed shared disk cache for HPC environments	<a href="https://ieeexplore.ieee.org/document/5365698">https://ieeexplore.ieee.org/document/5365698</a>	IEEE	✗
Distributed metadata management scheme in cloud computing	<a href="https://ieeexplore.ieee.org/document/6106475">https://ieeexplore.ieee.org/document/6106475</a>	IEEE	✗
Distributed Multimedia Metadata Tracking and Management: An Ontology-Based Approach with Use of RSS	<a href="https://ieeexplore.ieee.org/document/5367703">https://ieeexplore.ieee.org/document/5367703</a>	IEEE	✓
DLMetaChain: An IoT Data Lake Architecture Based on the Blockchain	<a href="https://ieeexplore.ieee.org/document/9904404">https://ieeexplore.ieee.org/document/9904404</a>	IEEE	✗
DMooseFS: Design and implementation of distributed files system with distributed metadata server	<a href="https://ieeexplore.ieee.org/document/6486509">https://ieeexplore.ieee.org/document/6486509</a>	IEEE	✗

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DOIDFH: an Effective Distributed Metadata Management Scheme	<a href="https://ieeexplore.ieee.org/document/4301151">https://ieeexplore.ieee.org/document/4301151</a>	IEEE	✗
DREAM Principles from the PORTAL-DOORS Project and NPDS Cyberinfrastructure	<a href="https://ieeexplore.ieee.org/document/9031516">https://ieeexplore.ieee.org/document/9031516</a>	IEEE	✗
DROP: Facilitating distributed metadata management in EB-scale storage systems	<a href="https://ieeexplore.ieee.org/document/6558422">https://ieeexplore.ieee.org/document/6558422</a>	IEEE	✗
Dynamic Metadata Management for Scalable Stream Processing Systems	<a href="https://ieeexplore.ieee.org/document/4401051">https://ieeexplore.ieee.org/document/4401051</a>	IEEE	✗
Effective Behavioural Analysis using Polystore Data Catalog and Intelligent Learning	<a href="https://ieeexplore.ieee.org/document/9841183">https://ieeexplore.ieee.org/document/9841183</a>	IEEE	✓
Efficient and Scalable Metadata Management in EB-Scale File Systems	<a href="https://ieeexplore.ieee.org/document/6674929">https://ieeexplore.ieee.org/document/6674929</a>	IEEE	✗
Efficient Metadata Management for Flash File Systems	<a href="https://ieeexplore.ieee.org/document/4553332">https://ieeexplore.ieee.org/document/4553332</a>	IEEE	✗
Efficient Metadata Management in Block-Level CDP System for Cyber Security	<a href="https://ieeexplore.ieee.org/document/8873642">https://ieeexplore.ieee.org/document/8873642</a>	IEEE	✗
Efficient metadata management in Cloud Computing	<a href="https://ieeexplore.ieee.org/document/6014777">https://ieeexplore.ieee.org/document/6014777</a>	IEEE	✗
Efficient Online Stream Deduplication for Network Block Storage	<a href="https://ieeexplore.ieee.org/document/8672337">https://ieeexplore.ieee.org/document/8672337</a>	IEEE	✗
Efficient Scheduling of Scientific Workflows Using Hot Metadata in a Multisite Cloud	<a href="https://ieeexplore.ieee.org/document/8451891/">https://ieeexplore.ieee.org/document/8451891/</a>	IEEE	✗
Efficient User-Level Storage Disaggregation for Deep Learning	<a href="https://ieeexplore.ieee.org/document/8891023">https://ieeexplore.ieee.org/document/8891023</a>	IEEE	✗
Efficient, Modular Metadata Management with Loris	<a href="https://ieeexplore.ieee.org/document/6005451">https://ieeexplore.ieee.org/document/6005451</a>	IEEE	✓
ELOFS: An Extensible Low-Overhead Flash File System for Resource-Scarce Embedded Devices	<a href="https://ieeexplore.ieee.org/document/9715229">https://ieeexplore.ieee.org/document/9715229</a>	IEEE	✗
Empirical Metadata Maintenance in Source Code Development Process	<a href="https://ieeexplore.ieee.org/document/7275222">https://ieeexplore.ieee.org/document/7275222</a>	IEEE	✗
Enabling Efficient and Scalable Hybrid Memories Using Fine-Granularity DRAM Cache Management	<a href="https://ieeexplore.ieee.org/document/6172197">https://ieeexplore.ieee.org/document/6172197</a>	IEEE	✗
Enabling lock-free concurrent fine-grain access to massive distributed data: Application to supernovae detection	<a href="https://ieeexplore.ieee.org/document/4663787">https://ieeexplore.ieee.org/document/4663787</a>	IEEE	✗
Enabling Secure and Space-Efficient Metadata Management in Encrypted Deduplication	<a href="https://ieeexplore.ieee.org/document/9381688">https://ieeexplore.ieee.org/document/9381688</a>	IEEE	✗
Energy Data Catalog Item Extraction Method Based on Semi Supervised Feature Selection	<a href="https://ieeexplore.ieee.org/document/9621583">https://ieeexplore.ieee.org/document/9621583</a>	IEEE	✓
Enhanced Processing of METS/MODS Library Metadata in CouchDB	<a href="https://ieeexplore.ieee.org/document/7406300">https://ieeexplore.ieee.org/document/7406300</a>	IEEE	✗
Enhanced Storage optimization System (SoS) for IaaS Cloud Storage	<a href="https://ieeexplore.ieee.org/document/9171182">https://ieeexplore.ieee.org/document/9171182</a>	IEEE	✗
Enhancing the Performance of Metadata Service for Cloud Computing	<a href="https://ieeexplore.ieee.org/document/5614392">https://ieeexplore.ieee.org/document/5614392</a>	IEEE	✗
ESnapII: A Writable Dependent Snapshot System with Shared Cache	<a href="https://ieeexplore.ieee.org/document/4617451">https://ieeexplore.ieee.org/document/4617451</a>	IEEE	✗
Extending SSD Lifetime with Persistent In-Memory Metadata Management	<a href="https://ieeexplore.ieee.org/document/7776523">https://ieeexplore.ieee.org/document/7776523</a>	IEEE	✗
Extensible USN Metadata Management System	<a href="https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=4494113">https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=4494113</a>	IEEE	✓
FDSSS: An Efficient Metadata Management Scheme in Large Scale Data Environment	<a href="https://ieeexplore.ieee.org/document/4031532">https://ieeexplore.ieee.org/document/4031532</a>	IEEE	✗
File Metadata Management in Embedded Linux	<a href="https://ieeexplore.ieee.org/document/5402980">https://ieeexplore.ieee.org/document/5402980</a>	IEEE	✗
Flexible Metadata Management for Block-level Storage System	<a href="https://ieeexplore.ieee.org/document/1640678">https://ieeexplore.ieee.org/document/1640678</a>	IEEE	✗
Flood control information metadata theory and its application	<a href="https://ieeexplore.ieee.org/document/6181979">https://ieeexplore.ieee.org/document/6181979</a>	IEEE	✓
Freshness-aware metadata management: Performance evaluation with SWN models	<a href="https://ieeexplore.ieee.org/document/5586954">https://ieeexplore.ieee.org/document/5586954</a>	IEEE	✓
GART: A graft algorithm to rebalance binary search trees on nonvolatile memories	<a href="https://ieeexplore.ieee.org/document/7751133">https://ieeexplore.ieee.org/document/7751133</a>	IEEE	✗

Resource title	URL	Platform	Contained information on at least one data catalog tool
GraphMeta: A Graph-Based Engine for Managing Large-Scale HPC Rich Metadata	<a href="https://ieeexplore.ieee.org/document/7776522">https://ieeexplore.ieee.org/document/7776522</a>	IEEE	✗
GraphTrek: Asynchronous Graph Traversal for Property Graph-Based Metadata Management	<a href="https://ieeexplore.ieee.org/document/7307595">https://ieeexplore.ieee.org/document/7307595</a>	IEEE	✗
Grid metadata management: Requirements and architecture	<a href="https://ieeexplore.ieee.org/document/4354121">https://ieeexplore.ieee.org/document/4354121</a>	IEEE	✗
GUFI: Fast, Secure File System Metadata Search for Both Privileged and Unprivileged Users	<a href="https://ieeexplore.ieee.org/document/10046106">https://ieeexplore.ieee.org/document/10046106</a>	IEEE	✗
Hardware-based Always-On Heap Memory Safety	<a href="https://ieeexplore.ieee.org/document/9251969">https://ieeexplore.ieee.org/document/9251969</a>	IEEE	✗
Hashing Directory Scheme for NAND Flash File System	<a href="https://ieeexplore.ieee.org/document/4195133">https://ieeexplore.ieee.org/document/4195133</a>	IEEE	✗
HBA: Distributed Metadata Management for Large Cluster-Based Storage Systems	<a href="https://ieeexplore.ieee.org/document/4378361">https://ieeexplore.ieee.org/document/4378361</a>	IEEE	✗
High Availability Storage System Based on Two-Level Metadata Management	<a href="https://ieeexplore.ieee.org/document/4402598">https://ieeexplore.ieee.org/document/4402598</a>	IEEE	✗
High Performance Metadata Management Engine for Large-Scale Distributed File Systems	<a href="https://ieeexplore.ieee.org/document/7434869">https://ieeexplore.ieee.org/document/7434869</a>	IEEE	✗
High-Performance Scalable Flash File System Using Virtual Metadata Storage with Phase-Change RAM	<a href="https://ieeexplore.ieee.org/document/5487498">https://ieeexplore.ieee.org/document/5487498</a>	IEEE	✗
HiSMRfs: A high performance file system for shingled storage array	<a href="https://ieeexplore.ieee.org/document/6855539">https://ieeexplore.ieee.org/document/6855539</a>	IEEE	✗
Hybrid2: Combining Caching and Migration in Hybrid Memory Systems	<a href="https://ieeexplore.ieee.org/document/9065506">https://ieeexplore.ieee.org/document/9065506</a>	IEEE	✗
HybridFS — A High Performance and Balanced File System Framework with Multiple Distributed File Systems	<a href="https://ieeexplore.ieee.org/document/8029700">https://ieeexplore.ieee.org/document/8029700</a>	IEEE	✗
ICT Methodologies and Spatial Data Infrastructure for Air Quality Information Management	<a href="https://ieeexplore.ieee.org/document/6291761">https://ieeexplore.ieee.org/document/6291761</a>	IEEE	✗
Identification and Utilization of Components for a Linked Open Data Platform	<a href="https://ieeexplore.ieee.org/document/6341560">https://ieeexplore.ieee.org/document/6341560</a>	IEEE	✓
Improving driver warnings accuracy using low-cost sensors	<a href="https://ieeexplore.ieee.org/document/8399659">https://ieeexplore.ieee.org/document/8399659</a>	IEEE	✗
Improving metadata management for small files in HDFS	<a href="https://ieeexplore.ieee.org/document/5289133">https://ieeexplore.ieee.org/document/5289133</a>	IEEE	✗
Improving performance of small-file accessing in Hadoop	<a href="https://ieeexplore.ieee.org/document/6841867">https://ieeexplore.ieee.org/document/6841867</a>	IEEE	✗
Improving the Performance of Block-based DRAM Caches Via Tag-Data Decoupling	<a href="https://ieeexplore.ieee.org/document/9220805">https://ieeexplore.ieee.org/document/9220805</a>	IEEE	✗
Inference and declaration of independence: Impact on deterministic task parallelism	<a href="https://ieeexplore.ieee.org/document/7842970">https://ieeexplore.ieee.org/document/7842970</a>	IEEE	✗
Initial characterization of parallel NFS implementations	<a href="https://ieeexplore.ieee.org/document/5470716">https://ieeexplore.ieee.org/document/5470716</a>	IEEE	✗
Integrated application of geodatabase in flood prevention information system	<a href="https://ieeexplore.ieee.org/document/5964518">https://ieeexplore.ieee.org/document/5964518</a>	IEEE	✓
Interactive Modeling of Data Warehouse on E-Business System	<a href="https://ieeexplore.ieee.org/document/5385129">https://ieeexplore.ieee.org/document/5385129</a>	IEEE	✗
Introducing a Method to Derive an Enterprise-Specific SOA Operating Model	<a href="https://ieeexplore.ieee.org/document/4634774">https://ieeexplore.ieee.org/document/4634774</a>	IEEE	✗
KOHA: Building a Kafka-Based Distributed Queue System on the Fly in a Hadoop Cluster	<a href="https://ieeexplore.ieee.org/document/7789439">https://ieeexplore.ieee.org/document/7789439</a>	IEEE	✗
Large Database Schema Matching using Data Mining Techniques	<a href="https://ieeexplore.ieee.org/document/8637422">https://ieeexplore.ieee.org/document/8637422</a>	IEEE	✓
LevelDB-Raw: Eliminating file system overhead for optimizing performance of LevelDB engine	<a href="https://ieeexplore.ieee.org/document/7890198">https://ieeexplore.ieee.org/document/7890198</a>	IEEE	✗
M2H: Optimizing F2FS via Multi-log Delayed Writing and Modified Segment Cleaning based on Dynamically Identified Hotness	<a href="https://ieeexplore.ieee.org/document/9474006">https://ieeexplore.ieee.org/document/9474006</a>	IEEE	✗
MAMS: A Highly Reliable Policy for Metadata Service	<a href="https://ieeexplore.ieee.org/document/7349628">https://ieeexplore.ieee.org/document/7349628</a>	IEEE	✗
Management platform for data translators supported by semantic annotations	<a href="https://ieeexplore.ieee.org/document/9816969">https://ieeexplore.ieee.org/document/9816969</a>	IEEE	✗
Managing DICOM image metadata with desktop operating systems native user interface	<a href="https://ieeexplore.ieee.org/document/5255402">https://ieeexplore.ieee.org/document/5255402</a>	IEEE	✗
Managing hot metadata for scientific workflows on multisite clouds	<a href="https://ieeexplore.ieee.org/document/7840628">https://ieeexplore.ieee.org/document/7840628</a>	IEEE	✗

Resource title	URL	Platform	Contained information on at least one data catalog tool
Managing Massive Amounts of Small Files in All-Flash Storage	<a href="https://ieeexplore.ieee.org/document/9202637">https://ieeexplore.ieee.org/document/9202637</a>	IEEE	✗
Managing Rich Metadata in High-Performance Computing Systems Using a Graph Model	<a href="https://ieeexplore.ieee.org/document/8580412">https://ieeexplore.ieee.org/document/8580412</a>	IEEE	✓
Mantle: a programmable metadata load balancer for the ceph file system	<a href="https://ieeexplore.ieee.org/document/7832795">https://ieeexplore.ieee.org/document/7832795</a>	IEEE	✗
MDS: In-Depth Insight	<a href="https://ieeexplore.ieee.org/document/7966834">https://ieeexplore.ieee.org/document/7966834</a>	IEEE	✗
Media-Aware Workflows	<a href="https://ieeexplore.ieee.org/document/5510677">https://ieeexplore.ieee.org/document/5510677</a>	IEEE	✗
Memory Based Metadata Server for Cluster File Systems	<a href="https://ieeexplore.ieee.org/document/4662877">https://ieeexplore.ieee.org/document/4662877</a>	IEEE	✗
Meta-Data Adapter: A Way to Enable Spatial Information Data Grid	<a href="https://ieeexplore.ieee.org/document/4813638">https://ieeexplore.ieee.org/document/4813638</a>	IEEE	✗
Metadata Adapters for Spatial Information Data Grid	<a href="https://ieeexplore.ieee.org/document/4725987">https://ieeexplore.ieee.org/document/4725987</a>	IEEE	✗
Metadata Distribution and Consistency Techniques for Large-Scale Cluster File Systems	<a href="https://ieeexplore.ieee.org/document/5557861">https://ieeexplore.ieee.org/document/5557861</a>	IEEE	✗
Metadata integration and querying- a case of MPEG-7	<a href="https://ieeexplore.ieee.org/document/5273905">https://ieeexplore.ieee.org/document/5273905</a>	IEEE	✗
Metadata integration architecture in enterprise data warehouse system	<a href="https://ieeexplore.ieee.org/document/5690320">https://ieeexplore.ieee.org/document/5690320</a>	IEEE	✓
Metadata management	<a href="https://ieeexplore.ieee.org/document/8400285">https://ieeexplore.ieee.org/document/8400285</a>	IEEE	✗
Metadata Management and Harvesting System in Smart Open Data As a Service	<a href="https://ieeexplore.ieee.org/document/9728796">https://ieeexplore.ieee.org/document/9728796</a>	IEEE	✓
Metadata Management Based on Set-Top Box in Digital Broadcasting Environments	<a href="https://ieeexplore.ieee.org/document/4722709">https://ieeexplore.ieee.org/document/4722709</a>	IEEE	✗
Metadata Management for Distributed Multimedia Storage System	<a href="https://ieeexplore.ieee.org/document/4606104">https://ieeexplore.ieee.org/document/4606104</a>	IEEE	✗
Metadata Management in the Taverna Workflow System	<a href="https://ieeexplore.ieee.org/document/4534278">https://ieeexplore.ieee.org/document/4534278</a>	IEEE	✗
Metadata modeling and management for power communication network operation and maintenance	<a href="https://ieeexplore.ieee.org/document/9836773">https://ieeexplore.ieee.org/document/9836773</a>	IEEE	✗
Metadata Namespace Management of Distributed File System	<a href="https://ieeexplore.ieee.org/document/7429547">https://ieeexplore.ieee.org/document/7429547</a>	IEEE	✗
Metadata Partitioning for Large-Scale Distributed Storage Systems	<a href="https://ieeexplore.ieee.org/document/5557992">https://ieeexplore.ieee.org/document/5557992</a>	IEEE	✗
Metadata system modeling and testing	<a href="https://ieeexplore.ieee.org/document/7589725">https://ieeexplore.ieee.org/document/7589725</a>	IEEE	✗
Metadata Traces and Workload Models for Evaluating Big Storage Systems	<a href="https://ieeexplore.ieee.org/document/6424937">https://ieeexplore.ieee.org/document/6424937</a>	IEEE	✗
Metadata-based management for educational resources	<a href="https://ieeexplore.ieee.org/document/6702922">https://ieeexplore.ieee.org/document/6702922</a>	IEEE	✗
Metadata-Driven Industrial-Grade ETL System	<a href="https://ieeexplore.ieee.org/document/9378367">https://ieeexplore.ieee.org/document/9378367</a>	IEEE	✗
Metadepup: Deduplicating Metadata in Encrypted Deduplication via Indirection	<a href="https://ieeexplore.ieee.org/document/8890207">https://ieeexplore.ieee.org/document/8890207</a>	IEEE	✗
MetaFlow: A Scalable Metadata Lookup Service for Distributed File Systems in Data Centers	<a href="https://ieeexplore.ieee.org/document/7572980">https://ieeexplore.ieee.org/document/7572980</a>	IEEE	✗
MetaKV: A Key-Value Store for Metadata Management of Distributed Burst Buffers	<a href="https://ieeexplore.ieee.org/document/7967207">https://ieeexplore.ieee.org/document/7967207</a>	IEEE	✗
MetaStore: A metadata framework for scientific data repositories	<a href="https://ieeexplore.ieee.org/document/7840956">https://ieeexplore.ieee.org/document/7840956</a>	IEEE	✓
MetaTableLite: An Efficient Metadata Management Scheme for Tagged-Pointer-Based Spatial Safety	<a href="https://ieeexplore.ieee.org/document/9643628">https://ieeexplore.ieee.org/document/9643628</a>	IEEE	✗
MMS: Using Queries As Data Values for Metadata Management	<a href="https://ieeexplore.ieee.org/document/4221833">https://ieeexplore.ieee.org/document/4221833</a>	IEEE	✓
Mobile agent based metadata framework for heterogeneous wireless sensor network	<a href="https://ieeexplore.ieee.org/document/5607667/">https://ieeexplore.ieee.org/document/5607667/</a>	IEEE	✗
MOHA: Many-task computing meets the big data platform	<a href="https://ieeexplore.ieee.org/document/7870900">https://ieeexplore.ieee.org/document/7870900</a>	IEEE	✗
Multi-facet Category for Cultural Digital Resources	<a href="https://ieeexplore.ieee.org/document/1647844">https://ieeexplore.ieee.org/document/1647844</a>	IEEE	✗
Multi-index technique for metadata management in private cloud storage	<a href="https://ieeexplore.ieee.org/document/6844185">https://ieeexplore.ieee.org/document/6844185</a>	IEEE	✗
Multiple Standards Compatible Learning Resource Management	<a href="https://ieeexplore.ieee.org/document/4561796">https://ieeexplore.ieee.org/document/4561796</a>	IEEE	✗
Multiversion data warehouses: challenges and solutions	<a href="https://ieeexplore.ieee.org/document/1511563">https://ieeexplore.ieee.org/document/1511563</a>	IEEE	✗



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New algorithm for astrometric reduction of the wide-field images	<a href="https://ieeexplore.ieee.org/document/8929781">https://ieeexplore.ieee.org/document/8929781</a>	IEEE	✗
NM2H: Design and Implementation of NoSQL Extension for HDFS Metadata Management	<a href="https://ieeexplore.ieee.org/document/7023756">https://ieeexplore.ieee.org/document/7023756</a>	IEEE	✗
NPDSLINKS: Nexus-PORTAL-DOORS-Scribe Learning Intelligence aNd Knowledge System	<a href="https://ieeexplore.ieee.org/document/9253161">https://ieeexplore.ieee.org/document/9253161</a>	IEEE	✗
NVM-Accelerated Metadata Management for Flash-Based SSDs	<a href="https://ieeexplore.ieee.org/document/7600189">https://ieeexplore.ieee.org/document/7600189</a>	IEEE	✗
OAMS: A Highly Reliable Metadata Service for Big Data Storage	<a href="https://ieeexplore.ieee.org/document/6755373">https://ieeexplore.ieee.org/document/6755373</a>	IEEE	✗
ObjDedup: High-Throughput Object Storage Layer for Backup Systems with Block-Level Deduplication	<a href="https://ieeexplore.ieee.org/document/10057482">https://ieeexplore.ieee.org/document/10057482</a>	IEEE	✗
OME: Tool for generating and managing metadata to handle BigData	<a href="https://ieeexplore.ieee.org/document/7004476">https://ieeexplore.ieee.org/document/7004476</a>	IEEE	✗
On-Line Device Replacement Techniques for SSD RAID	<a href="https://ieeexplore.ieee.org/document/7302307">https://ieeexplore.ieee.org/document/7302307</a>	IEEE	✗
Open and scalable accumulation and reuse of common design resources	<a href="https://ieeexplore.ieee.org/document/5346365">https://ieeexplore.ieee.org/document/5346365</a>	IEEE	✗
Osprey: peer-to-peer enabled content distribution	<a href="https://ieeexplore.ieee.org/document/4118599">https://ieeexplore.ieee.org/document/4118599</a>	IEEE	✗
Overcoming Hadoop Scaling Limitations through Distributed Task Execution	<a href="https://ieeexplore.ieee.org/document/7307589">https://ieeexplore.ieee.org/document/7307589</a>	IEEE	✗
Pacon: Improving Scalability and Efficiency of Metadata Service through Partial Consistency	<a href="https://ieeexplore.ieee.org/document/9139884">https://ieeexplore.ieee.org/document/9139884</a>	IEEE	✗
Partitioner: A Distributed HDFS Metadata Server Cluster	<a href="https://ieeexplore.ieee.org/document/6984301">https://ieeexplore.ieee.org/document/6984301</a>	IEEE	✗
PASSI: A Parallel, Reliable and Scalable Storage Software Infrastructure for active storage system and I/O environments	<a href="https://ieeexplore.ieee.org/document/7410324">https://ieeexplore.ieee.org/document/7410324</a>	IEEE	✗
Personal Workspace for Large-Scale Data-Driven Computational Experiment	<a href="https://ieeexplore.ieee.org/document/4100462">https://ieeexplore.ieee.org/document/4100462</a>	IEEE	✓
PetaKV: Building Efficient Key-Value Store for File System Metadata on Persistent Memory	<a href="https://ieeexplore.ieee.org/document/9999527">https://ieeexplore.ieee.org/document/9999527</a>	IEEE	✗
Policy-Based Access Control System for Delta Lake	<a href="https://ieeexplore.ieee.org/document/10024547">https://ieeexplore.ieee.org/document/10024547</a>	IEEE	✗
Poster: Distributed Metadata Management for Exascale Parallel File System	<a href="https://ieeexplore.ieee.org/document/6496025">https://ieeexplore.ieee.org/document/6496025</a>	IEEE	✗
PPFS: A Scale-Out Distributed File System for Post-Petascale Systems	<a href="https://ieeexplore.ieee.org/document/7828551">https://ieeexplore.ieee.org/document/7828551</a>	IEEE	✗
Pream: Enhancing HPC Storage System Performance with Pre-Allocated Metadata Management Mechanism	<a href="https://ieeexplore.ieee.org/document/8855550">https://ieeexplore.ieee.org/document/8855550</a>	IEEE	✗
Proposal and Evaluation of Metadata Management Method for eDiscovery	<a href="https://ieeexplore.ieee.org/document/6311065">https://ieeexplore.ieee.org/document/6311065</a>	IEEE	✗
QMDS: A File System Metadata Management Service Supporting a Graph Data Model-Based Query Language	<a href="https://ieeexplore.ieee.org/document/6005450">https://ieeexplore.ieee.org/document/6005450</a>	IEEE	✗
RDF Object Type and Reification in the Database	<a href="https://ieeexplore.ieee.org/document/1617461">https://ieeexplore.ieee.org/document/1617461</a>	IEEE	✗
Realizing a News Value Markup Language for News Management Systems Using NewsML	<a href="https://ieeexplore.ieee.org/document/4606689">https://ieeexplore.ieee.org/document/4606689</a>	IEEE	✗
Refreshed Data System for Tropical Atmosphere Ocean (TAO) Buoy Array	<a href="https://ieeexplore.ieee.org/document/4531028">https://ieeexplore.ieee.org/document/4531028</a>	IEEE	✗
Reliability and scalability improvements to identity federations by managing SAML metadata with distributed ledger technology	<a href="https://ieeexplore.ieee.org/document/8406310">https://ieeexplore.ieee.org/document/8406310</a>	IEEE	✗
Remote sensing image distribute system supported by metadata	<a href="https://ieeexplore.ieee.org/document/1525226">https://ieeexplore.ieee.org/document/1525226</a>	IEEE	✓
Replication-Based Highly Available Metadata Management for Cluster File Systems	<a href="https://ieeexplore.ieee.org/document/5600296">https://ieeexplore.ieee.org/document/5600296</a>	IEEE	✗
Requirements and Services for Metadata Management	<a href="https://ieeexplore.ieee.org/document/4305565">https://ieeexplore.ieee.org/document/4305565</a>	IEEE	✗
Research & application of Metadata Management System based on data warehouse for banks	<a href="https://ieeexplore.ieee.org/document/4730960">https://ieeexplore.ieee.org/document/4730960</a>	IEEE	✗
Research and application on metadata integration for data warehouses	<a href="https://ieeexplore.ieee.org/document/6885322">https://ieeexplore.ieee.org/document/6885322</a>	IEEE	✗

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Research and Application on Teaching Management Decision Support System	<a href="https://ieeexplore.ieee.org/document/5458520">https://ieeexplore.ieee.org/document/5458520</a>	IEEE	✗
Research and implementation of geological disaster spatial information management platform framework based on geospatial portal	<a href="https://ieeexplore.ieee.org/document/5567825">https://ieeexplore.ieee.org/document/5567825</a>	IEEE	✗
Research of an E-Government Affairs System Flexibility Model Based on Metadata Management	<a href="https://ieeexplore.ieee.org/document/4428180">https://ieeexplore.ieee.org/document/4428180</a>	IEEE	✗
Research on Medical Big Data of Health Management Platform Based on Hadoop	<a href="https://ieeexplore.ieee.org/document/10036608">https://ieeexplore.ieee.org/document/10036608</a>	IEEE	✗
Research on Metadata Criterion of Coalmine Safety	<a href="https://ieeexplore.ieee.org/document/5231081">https://ieeexplore.ieee.org/document/5231081</a>	IEEE	✓
Research on Metadata Management Scheme of Distributed File System	<a href="https://ieeexplore.ieee.org/document/7810828">https://ieeexplore.ieee.org/document/7810828</a>	IEEE	✗
Research on metadata registry based on web service	<a href="https://ieeexplore.ieee.org/document/5212330">https://ieeexplore.ieee.org/document/5212330</a>	IEEE	✗
Research on Trusted Digital Capability Architecture of Industrial Supply Chain Based on Blockchain Infrastructure	<a href="https://ieeexplore.ieee.org/document/9695743">https://ieeexplore.ieee.org/document/9695743</a>	IEEE	✗
Resource-aware sector translation layer for resource-sensitive nand flash-based storage systems	<a href="https://ieeexplore.ieee.org/document/6227448">https://ieeexplore.ieee.org/document/6227448</a>	IEEE	✗
Rethinking Metadata Creation and Management in a Data-Driven Research World	<a href="https://ieeexplore.ieee.org/document/4736899">https://ieeexplore.ieee.org/document/4736899</a>	IEEE	✗
Reusable Tools for Metadata Management - Pie in the Sky?	<a href="https://ieeexplore.ieee.org/document/1644314">https://ieeexplore.ieee.org/document/1644314</a>	IEEE	✗
Review and exploration of metadata management in data warehouse	<a href="https://ieeexplore.ieee.org/document/7334243">https://ieeexplore.ieee.org/document/7334243</a>	IEEE	✗
Review of Publically Available Health Big Data Sets	<a href="https://ieeexplore.ieee.org/document/10020258">https://ieeexplore.ieee.org/document/10020258</a>	IEEE	✓
Revisiting the metadata architecture of parallel file systems	<a href="https://ieeexplore.ieee.org/document/4811892">https://ieeexplore.ieee.org/document/4811892</a>	IEEE	✗
Rules and Scripts Based Dynamic Spatial Data Catalogue Technique Study and Its Application	<a href="https://ieeexplore.ieee.org/document/5454518">https://ieeexplore.ieee.org/document/5454518</a>	IEEE	✓
SAP HANA distributed in-memory database system: Transaction, session, and metadata management	<a href="https://ieeexplore.ieee.org/document/6544906">https://ieeexplore.ieee.org/document/6544906</a>	IEEE	✗
Scalable PGAS Metadata Management on Extreme Scale Systems	<a href="https://ieeexplore.ieee.org/document/6546067">https://ieeexplore.ieee.org/document/6546067</a>	IEEE	✗
Secure, Performance-Oriented Data Management for nanoCMOS Electronics	<a href="https://ieeexplore.ieee.org/document/4736744">https://ieeexplore.ieee.org/document/4736744</a>	IEEE	✗
Self-learning System Based on Metadata Management Module(MMM) for Providing Self-learning Service	<a href="https://ieeexplore.ieee.org/document/4409246">https://ieeexplore.ieee.org/document/4409246</a>	IEEE	✗
Semantic content repository plugin for supporting arbitrary data translation and management	<a href="https://ieeexplore.ieee.org/document/6257224">https://ieeexplore.ieee.org/document/6257224</a>	IEEE	✓
Semantic searches for extracting similarities in a content management system	<a href="https://ieeexplore.ieee.org/document/5995774">https://ieeexplore.ieee.org/document/5995774</a>	IEEE	✗
Semantic-Aware Metadata Organization Paradigm in Next-Generation File Systems	<a href="https://ieeexplore.ieee.org/document/5871607">https://ieeexplore.ieee.org/document/5871607</a>	IEEE	✗
Semantic-Oriented Metadata Management Model in Semantic Grid	<a href="https://ieeexplore.ieee.org/document/5199798">https://ieeexplore.ieee.org/document/5199798</a>	IEEE	✗
Sensor Metadata Management and Its Application in Collaborative Environmental Research	<a href="https://ieeexplore.ieee.org/document/4736751">https://ieeexplore.ieee.org/document/4736751</a>	IEEE	✗
Sensor-based Emissions Monitoring System	<a href="https://ieeexplore.ieee.org/document/6528652">https://ieeexplore.ieee.org/document/6528652</a>	IEEE	✗
SeViAnno 2.0: Web-enabled collaborative semantic video annotation beyond the obvious	<a href="https://ieeexplore.ieee.org/document/6849833">https://ieeexplore.ieee.org/document/6849833</a>	IEEE	✗
Simurgh: A Fully Decentralized and Secure NVMM User Space File System	<a href="https://ieeexplore.ieee.org/document/9910101">https://ieeexplore.ieee.org/document/9910101</a>	IEEE	✗
SOLOMON: An ontology for Sensory-Onset, Language-Onset and Motor-Onset dementias	<a href="https://ieeexplore.ieee.org/document/7359814">https://ieeexplore.ieee.org/document/7359814</a>	IEEE	✗
SoMeta: Scalable Object-Centric Metadata Management for High Performance Computing	<a href="https://ieeexplore.ieee.org/document/8048948">https://ieeexplore.ieee.org/document/8048948</a>	IEEE	✗
Standard and guideline development for the interoperability of a digital government system	<a href="https://ieeexplore.ieee.org/document/9849199">https://ieeexplore.ieee.org/document/9849199</a>	IEEE	✗

Resource title	URL	Platform	Contained information on at least one data catalog tool
Still Open Problems in Data Warehouse and Data Lake Research	<a href="https://ieeexplore.ieee.org/document/9336567">https://ieeexplore.ieee.org/document/9336567</a>	IEEE	✗
Storage-Aware Network Stack for NVM-Assisted Key-Value Store	<a href="https://ieeexplore.ieee.org/document/8487330">https://ieeexplore.ieee.org/document/8487330</a>	IEEE	✗
Study and Application of Metadata Management Based on XML	<a href="https://ieeexplore.ieee.org/document/5402901">https://ieeexplore.ieee.org/document/5402901</a>	IEEE	✗
Study on intelligent financial supervision management system based on context-awareness and rule engine	<a href="https://ieeexplore.ieee.org/document/5344504">https://ieeexplore.ieee.org/document/5344504</a>	IEEE	✗
Study on remote sensing image metadata management and issue	<a href="https://ieeexplore.ieee.org/document/1526249">https://ieeexplore.ieee.org/document/1526249</a>	IEEE	✓
Study on the metadata management system technique structure driven by requirements in geosciences data clearinghouse	<a href="https://ieeexplore.ieee.org/document/1525220">https://ieeexplore.ieee.org/document/1525220</a>	IEEE	✗
Supporting Geosciences Web Services Metadata Management and Discovery	<a href="https://ieeexplore.ieee.org/document/5557288">https://ieeexplore.ieee.org/document/5557288</a>	IEEE	✗
Synchronized update over distributed and parallel database	<a href="https://ieeexplore.ieee.org/document/5342146">https://ieeexplore.ieee.org/document/5342146</a>	IEEE	✗
TABLEFS: Embedding a NoSQL database inside the local file system	<a href="https://ieeexplore.ieee.org/document/6407525">https://ieeexplore.ieee.org/document/6407525</a>	IEEE	✗
Tapping the Potential: Secure Chunk-based Deduplication of Encrypted Data for Cloud Backup	<a href="https://ieeexplore.ieee.org/document/8433173">https://ieeexplore.ieee.org/document/8433173</a>	IEEE	✗
The database design and relationship model evaluation for the enterprise storage grid	<a href="https://ieeexplore.ieee.org/document/5691538">https://ieeexplore.ieee.org/document/5691538</a>	IEEE	✗
The Design of Equipment Support Manage System Based on Business Intelligence Technology	<a href="https://ieeexplore.ieee.org/document/5169554">https://ieeexplore.ieee.org/document/5169554</a>	IEEE	✗
The design of spatial data server cluster based on distribution technology	<a href="https://ieeexplore.ieee.org/document/6014746">https://ieeexplore.ieee.org/document/6014746</a>	IEEE	✗
The Effect of Using a Semantic Wiki for Metadata Management: A Controlled Experiment	<a href="https://ieeexplore.ieee.org/document/4755668">https://ieeexplore.ieee.org/document/4755668</a>	IEEE	✗
The ENTHRONE 2 metadata management tool (MATool) (WISE 2008 MATool demonstration)	<a href="https://ieeexplore.ieee.org/document/4493670">https://ieeexplore.ieee.org/document/4493670</a>	IEEE	✗
The Entity Container - An Object-Oriented and Model-Driven Persistency Cache	<a href="https://ieeexplore.ieee.org/document/1385809">https://ieeexplore.ieee.org/document/1385809</a>	IEEE	✗
The geocatalog CARGOS: A catalog of geographical data for the SHS community: Cargos.tge-adonis.fr	<a href="https://ieeexplore.ieee.org/document/6744740">https://ieeexplore.ieee.org/document/6744740</a>	IEEE	✓
The Hierarchically Distributed Mobile Metadata (HDMM) Style of Architecture for Pervasive Metadata Networks	<a href="https://ieeexplore.ieee.org/document/5381884">https://ieeexplore.ieee.org/document/5381884</a>	IEEE	✗
The Process of Metadata Management for Radar Target Classification Algorithm Development	<a href="https://ieeexplore.ieee.org/document/9229528">https://ieeexplore.ieee.org/document/9229528</a>	IEEE	✗
The research and implementation of metadata cache backup technology based on CEPH file system	<a href="https://ieeexplore.ieee.org/document/7529537">https://ieeexplore.ieee.org/document/7529537</a>	IEEE	✗
The Research of Local Area Storage Grid System	<a href="https://ieeexplore.ieee.org/document/4287767">https://ieeexplore.ieee.org/document/4287767</a>	IEEE	✗
The State of the Art of Metadata Managements in Large-Scale Distributed File Systems — Scalability, Performance and Availability	<a href="https://ieeexplore.ieee.org/document/9768784">https://ieeexplore.ieee.org/document/9768784</a>	IEEE	✗
The system of remote Education Resource Center elements development	<a href="https://ieeexplore.ieee.org/document/7738729">https://ieeexplore.ieee.org/document/7738729</a>	IEEE	✓
Time Identification of Electronic Documents	<a href="https://ieeexplore.ieee.org/document/6092650">https://ieeexplore.ieee.org/document/6092650</a>	IEEE	✗
Toward a Reliable Distributed Data Management System	<a href="https://ieeexplore.ieee.org/document/5532503">https://ieeexplore.ieee.org/document/5532503</a>	IEEE	✗
Towards a scalable HDFS architecture	<a href="https://ieeexplore.ieee.org/document/6567222">https://ieeexplore.ieee.org/document/6567222</a>	IEEE	✗
Towards an approach to integration of the viewpoint concept into the CWM	<a href="https://ieeexplore.ieee.org/document/6990277">https://ieeexplore.ieee.org/document/6990277</a>	IEEE	✗
Towards integration of the users' preferences into the common warehouse metamodel	<a href="https://ieeexplore.ieee.org/document/7016610">https://ieeexplore.ieee.org/document/7016610</a>	IEEE	✗
Towards Multi-site Metadata Management for Geographically Distributed Cloud Workflows	<a href="https://ieeexplore.ieee.org/document/7307596/">https://ieeexplore.ieee.org/document/7307596/</a>	IEEE	✗
Towards Scalable Application Checkpointing with Parallel File System Delegation	<a href="https://ieeexplore.ieee.org/document/6005432">https://ieeexplore.ieee.org/document/6005432</a>	IEEE	✗

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Towards Unaligned Writes Optimization in Cloud Storage With High-Performance SSDs	<a href="https://ieeexplore.ieee.org/document/9132670">https://ieeexplore.ieee.org/document/9132670</a>	IEEE	✗
Triple-machine paxos on high availability architecture - Quorum	<a href="https://ieeexplore.ieee.org/document/6747577">https://ieeexplore.ieee.org/document/6747577</a>	IEEE	✗
TyrFS: Increasing Small Files Access Performance with Dynamic Metadata Replication	<a href="https://ieeexplore.ieee.org/document/8411061">https://ieeexplore.ieee.org/document/8411061</a>	IEEE	✗
Use of a metadata documentation and search tool for large data volumes: The NGEE arctic example	<a href="https://ieeexplore.ieee.org/document/7364086">https://ieeexplore.ieee.org/document/7364086</a>	IEEE	✗
Using a Robust Metadata Management System to Accelerate Scientific Discovery at Extreme Scales	<a href="https://ieeexplore.ieee.org/document/8638423">https://ieeexplore.ieee.org/document/8638423</a>	IEEE	✓
Using Characteristics of Computational Science Schemas for Workflow Metadata Management	<a href="https://ieeexplore.ieee.org/document/4578360">https://ieeexplore.ieee.org/document/4578360</a>	IEEE	✓
Using Data Grid Technology to Build MODIS Data Management and Distribution System Based on Spatial Information Grid	<a href="https://ieeexplore.ieee.org/document/4662881">https://ieeexplore.ieee.org/document/4662881</a>	IEEE	✓
Using filesystem virtualization to avoid metadata bottlenecks	<a href="https://ieeexplore.ieee.org/document/5457144">https://ieeexplore.ieee.org/document/5457144</a>	IEEE	✗
Utilizing a Blockchain for Managing Sensor Metadata in Exposure Health Studies	<a href="https://ieeexplore.ieee.org/document/9796689">https://ieeexplore.ieee.org/document/9796689</a>	IEEE	✗
Violin: a framework for extensible block-level storage	<a href="https://ieeexplore.ieee.org/document/1410730">https://ieeexplore.ieee.org/document/1410730</a>	IEEE	✗
WPAR: A Weight-Based Metadata Management Strategy for Petabyte-Scale Object Storage Systems	<a href="https://ieeexplore.ieee.org/document/4438054">https://ieeexplore.ieee.org/document/4438054</a>	IEEE	✗
XBRL Metadata Repository and Continuous Data Mining	<a href="https://ieeexplore.ieee.org/document/5948710">https://ieeexplore.ieee.org/document/5948710</a>	IEEE	✗
XML Metadata Services	<a href="https://ieeexplore.ieee.org/document/5727668">https://ieeexplore.ieee.org/document/5727668</a>	IEEE	✗
XPMFS: A New NVM File System for Vehicle Big Data	<a href="https://ieeexplore.ieee.org/document/8385085">https://ieeexplore.ieee.org/document/8385085</a>	IEEE	✗
ZBD: Using Transparent Compression at the Block Level to Increase Storage Space Efficiency	<a href="https://ieeexplore.ieee.org/document/5571755">https://ieeexplore.ieee.org/document/5571755</a>	IEEE	✗
64. FAIR sharing of cancer GWAS data via the NHGRI-EBI GWAS catalog	<a href="https://www.researchgate.net/publication/365773797_64_FAIR_sharing_of_cancer_GWAS_data_via_the_NHGRI-EBI_GWAS_catalog">https://www.researchgate.net/publication/365773797_64_FAIR_sharing_of_cancer_GWAS_data_via_the_NHGRI-EBI_GWAS_catalog</a>	ResearchGate	✓
A Catalog of Candidate Double and Lensed Quasars from Gaia and WISE Data	<a href="https://www.researchgate.net/publication/366274460_A_Catalog_of_Candidate_Double_and_Lensed_Quasars_from_Gaia_and_WISE_Data">https://www.researchgate.net/publication/366274460_A_Catalog_of_Candidate_Double_and_Lensed_Quasars_from_Gaia_and_WISE_Data</a>	ResearchGate	✗
A catalog of candidate double and lensed quasars from Gaia and WISE data	<a href="https://www.researchgate.net/publication/364194940_A_catalog_of_candidate_double_and_lensed_quasars_from_Gaia_and_WISE_data">https://www.researchgate.net/publication/364194940_A_catalog_of_candidate_double_and_lensed_quasars_from_Gaia_and_WISE_data</a>	ResearchGate	✗
A Common Metadata System for Marine Data Portals	<a href="https://www.researchgate.net/publication/258622933_A_Common_Metadata_System_for_Marine_Data_Portal">https://www.researchgate.net/publication/258622933_A_Common_Metadata_System_for_Marine_Data_Portal</a>	ResearchGate	✗
A concept for providing and utilizing metadata in data analytics applications	<a href="https://www.researchgate.net/publication/367105191_A_concept_for_providing_and_utilizing_metadata_in_data_analytics_applications">https://www.researchgate.net/publication/367105191_A_concept_for_providing_and_utilizing_metadata_in_data_analytics_applications</a>	ResearchGate	✗
A Fly into the Semantic metadata catalogue	<a href="https://www.researchgate.net/publication/264916491_A_Fly_into_the_Semantic_metadata_catalogue">https://www.researchgate.net/publication/264916491_A_Fly_into_the_Semantic_metadata_catalogue</a>	ResearchGate	✓
A Literature Review of Big Data and Metadata Management Systems	<a href="https://www.researchgate.net/publication/369667359_A_Literature_Review_of_Big_Data_and_Metadata_Management_Systems">https://www.researchgate.net/publication/369667359_A_Literature_Review_of_Big_Data_and_Metadata_Management_Systems</a>	ResearchGate	✗
A metadata catalog for organization and systemization of fusion simulation data	<a href="https://www.researchgate.net/publication/257318004_A_metadata_catalog_for_organization_and_systemization_of_fusion_simulation_data">https://www.researchgate.net/publication/257318004_A_metadata_catalog_for_organization_and_systemization_of_fusion_simulation_data</a>	ResearchGate	✓
A Metadata-Driven Tool for FAIR Data Production in Citizen Science Platforms	<a href="https://www.researchgate.net/publication/361657596_A_Metadata-Driven_Tool_for_FAIR_Data_Production_in_Citizen_Science_Platforms">https://www.researchgate.net/publication/361657596_A_Metadata-Driven_Tool_for_FAIR_Data_Production_in_Citizen_Science_Platforms</a>	ResearchGate	✓
A New Approach to Integrate Metadata and Ease Daily Data Operations	<a href="https://www.researchgate.net/publication/368607682_A_New_Approach_to_Integrate_Metadata_and_Ease_Daily_Data_Operations">https://www.researchgate.net/publication/368607682_A_New_Approach_to_Integrate_Metadata_and_Ease_Daily_Data_Operations</a>	ResearchGate	✗



Resource title	URL	Platform	Contained information on at least one data catalog tool
A Semantic Metadata Enrichment Software Ecosystem (SMESE) Based on a Multi-Platform Metadata Model for Digital Libraries	<a href="https://www.researchgate.net/publication/316717791_A_Semantic_Metadata_Enrichment_Software_Ecosystem_SMESE_Based_on_a_Multi-Platform_Metadata_Model_for_Digital_Libraries">https://www.researchgate.net/publication/316717791_A_Semantic_Metadata_Enrichment_Software_Ecosystem_SMESE_Based_on_a_Multi-Platform_Metadata_Model_for_Digital_Libraries</a>	ResearchGate	✗
A software tool for data mining of physicochemical properties of peptides	<a href="https://www.researchgate.net/publication/369140768_A_software_tool_for_data_mining_of_physicochemical_properties_of_peptides">https://www.researchgate.net/publication/369140768_A_software_tool_for_data_mining_of_physicochemical_properties_of_peptides</a>	ResearchGate	✗
Adamant: a JSON schema-based metadata editor for research data management workflows	<a href="https://www.researchgate.net/publication/362120867_Adamant_a_JSON_schema-based_metadata_editor_for_research_data_management_workflows">https://www.researchgate.net/publication/362120867_Adamant_a_JSON_schema-based_metadata_editor_for_research_data_management_workflows</a>	ResearchGate	✗
Adamant: a JSON schema-based metadata editor for research data management workflows	<a href="https://www.researchgate.net/publication/360281872_Adamant_a_JSON_schema-based_metadata_editor_for_research_data_management_workflows">https://www.researchgate.net/publication/360281872_Adamant_a_JSON_schema-based_metadata_editor_for_research_data_management_workflows</a>	ResearchGate	✗
Advanced Catalog Service for Sharing Data and Application models in a River Basin	<a href="https://www.researchgate.net/publication/315771331_Advanced_Catalog_Service_for_Sharing_Data_and_Application_models_in_a_River_Basin">https://www.researchgate.net/publication/315771331_Advanced_Catalog_Service_for_Sharing_Data_and_Application_models_in_a_River_Basin</a>	ResearchGate	✓
Agile Research Data Management with FDOs using LinkAhead	<a href="https://www.researchgate.net/publication/364503562_Agile_Research_Data_Management_with_FDOs_using_LinkAhead">https://www.researchgate.net/publication/364503562_Agile_Research_Data_Management_with_FDOs_using_LinkAhead</a>	ResearchGate	✓
An Open Catalog for Supernova Data	<a href="https://www.researchgate.net/publication/301920959_An_Open_Catalog_for_Supernova_Data">https://www.researchgate.net/publication/301920959_An_Open_Catalog_for_Supernova_Data</a>	ResearchGate	✗
Astroinformatics: The Importance of Mining Astronomical Data in Binary Stars Catalogues	<a href="https://www.researchgate.net/publication/366672524_Astroinformatics_The_Importance_of_Mining_Astronomical_Data_in_Binary_Stars_Catalogues">https://www.researchgate.net/publication/366672524_Astroinformatics_The_Importance_of_Mining_Astronomical_Data_in_Binary_Stars_Catalogues</a>	ResearchGate	✗
Backup catalog recovery from replicated data	<a href="https://www.researchgate.net/publication/302631453_Backup_catalog_recovery_from_replicated_data">https://www.researchgate.net/publication/302631453_Backup_catalog_recovery_from_replicated_data</a>	ResearchGate	✗
Building an integrated enhanced virtual research environment metadata catalogue. The Electronic Library Journal, Emerald Publishing Limited.	<a href="https://www.researchgate.net/publication/335883359_Building_an_integrated_enhanced_virtual_research_environment_metadata_catalogue_The_Electronic_Library_Journal_Emerald_Publishing_Limited">https://www.researchgate.net/publication/335883359_Building_an_integrated_enhanced_virtual_research_environment_metadata_catalogue_The_Electronic_Library_Journal_Emerald_Publishing_Limited</a>	ResearchGate	✓
Cataloguer as distant collaborator: implications of the use of catalogue data in Humanities research	<a href="https://www.researchgate.net/publication/336666015_Cataloguer_as_distant_collaborator_implications_of_the_use_of_catalogue_data_in_Humanities_research">https://www.researchgate.net/publication/336666015_Cataloguer_as_distant_collaborator_implications_of_the_use_of_catalogue_data_in_Humanities_research</a>	ResearchGate	✗
Cataloguing geographical data processing tools, conception and exploitation of a metadata model	<a href="https://www.researchgate.net/publication/228968807_Cataloguing_geographical_data_processing_tools_conception_and_exploitation_of_a_metadata_model">https://www.researchgate.net/publication/228968807_Cataloguing_geographical_data_processing_tools_conception_and_exploitation_of_a_metadata_model</a>	ResearchGate	✗
Cluster Analysis of Open Research Data: A Case for Replication Metadata	<a href="https://www.researchgate.net/publication/368492037_Cluster_Analysis_of_Open_Research_Data_A_Case_for_Replication_Metadata">https://www.researchgate.net/publication/368492037_Cluster_Analysis_of_Open_Research_Data_A_Case_for_Replication_Metadata</a>	ResearchGate	✗
Comprehensive and Comprehensible Data Catalogs: The What, Who, Where, When, Why, and How of Metadata Management	<a href="https://www.researchgate.net/publication/350088259_Comprehensive_and_Comprehensible_Data_Catalogs_The_What_Who_Where_When_Why_and_How_of_Metadata_Management">https://www.researchgate.net/publication/350088259_Comprehensive_and_Comprehensible_Data_Catalogs_The_What_Who_Where_When_Why_and_How_of_Metadata_Management</a>	ResearchGate	✓
creation of unified geoinformation system for monitoring social and economic developments of departamento quindio (colombia) on the basis of the isolated data sources	<a href="https://www.researchgate.net/publication/253782089_creation_of_unified_geoinformation_system_for_monitoring_social_and_economic_developments_of_departamento_quindio_colombia_on_the_basis_of_the_isolated_data_sources">https://www.researchgate.net/publication/253782089_creation_of_unified_geoinformation_system_for_monitoring_social_and_economic_developments_of_departamento_quindio_colombia_on_the_basis_of_the_isolated_data_sources</a>	ResearchGate	✗
CureSCi Metadata Catalog–Making sickle cell studies findable	<a href="https://www.researchgate.net/publication/366211536_CureSCi_Metadata_Catalog-Making_sickle_cell_studies_findable">https://www.researchgate.net/publication/366211536_CureSCi_Metadata_Catalog-Making_sickle_cell_studies_findable</a>	ResearchGate	✓
Data catalog project—A browsable, searchable, metadata system	<a href="https://www.researchgate.net/publication/303808883_Data_catalog_project-A_browsable_searchable_metadata_system">https://www.researchgate.net/publication/303808883_Data_catalog_project-A_browsable_searchable_metadata_system</a>	ResearchGate	✓
Data Product Metadata Management: An Industrial Perspective	<a href="https://www.researchgate.net/publication/369545390_Data_Product_Metadata_Management_An_Industrial_Perspective">https://www.researchgate.net/publication/369545390_Data_Product_Metadata_Management_An_Industrial_Perspective</a>	ResearchGate	✗

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Data Profiling, Data Catalogs and Metadata Harmonisation	<a href="https://www.researchgate.net/publication/351282374_Data_Profiling_Data_Catalogs_and_Metadata_Harmonisation">https://www.researchgate.net/publication/351282374_Data_Profiling_Data_Catalogs_and_Metadata_Harmonisation</a>	ResearchGate	✓
Developing IntegrityCatalog, a software system for managing integrity-related metadata in digital repositories: Integrity Catalog	<a href="https://www.researchgate.net/publication/319047896_Developing_IntegrityCatalog_a_software_system_for_managing_integrity-related_metadata_in_digital_repositories_Integrity_Catalog">https://www.researchgate.net/publication/319047896_Developing_IntegrityCatalog_a_software_system_for_managing_integrity-related_metadata_in_digital_repositories_Integrity_Catalog</a>	ResearchGate	✗
DIRAC file replica and metadata catalog	<a href="https://www.researchgate.net/publication/258668722_DIRAC_file_replica_and_metadata_catalog">https://www.researchgate.net/publication/258668722_DIRAC_file_replica_and_metadata_catalog</a>	ResearchGate	✗
Distributed Metadata with the AMGA Metadata Catalog	<a href="https://www.researchgate.net/publication/1959284_Distributed_Metadata_with_the_AMGA_Metadata_Catalog">https://www.researchgate.net/publication/1959284_Distributed_Metadata_with_the_AMGA_Metadata_Catalog</a>	ResearchGate	✓
Distributed Multi-interface Catalogue for Geospatial Data	<a href="https://www.researchgate.net/publication/241575299_Distributed_Multi-interface_Catalogue_for_Geospatial_Data">https://www.researchgate.net/publication/241575299_Distributed_Multi-interface_Catalogue_for_Geospatial_Data</a>	ResearchGate	✗
Documenting Geographically and Contextually Diverse Data Sources: The BigScience Catalogue of Language Data and Resources	<a href="https://www.researchgate.net/publication/358143628_Documenting_Geographically_and_Contextually_Diverse_Data_Sources_The_BigScience_Catalogue_of_Language_Data_and_Resources">https://www.researchgate.net/publication/358143628_Documenting_Geographically_and_Contextually_Diverse_Data_Sources_The_BigScience_Catalogue_of_Language_Data_and_Resources</a>	ResearchGate	✓
Editor's notes: FAIR BOT. As metadata is data is metadata is data ...	<a href="https://www.researchgate.net/publication/369716719_Editor%27s_notes_FAIR_BOT_As_metadata_is_data_is_metadata_is_data">https://www.researchgate.net/publication/369716719_Editor%27s_notes_FAIR_BOT_As_metadata_is_data_is_metadata_is_data</a>	ResearchGate	✗
Evaluating Utility and Automatic Classification of Subject Metadata from Research Data Australia	<a href="https://www.researchgate.net/publication/356778155_Evaluating_Utility_and_Automatic_Classification_of_Subject_Metadata_from_Research_Data_Australia">https://www.researchgate.net/publication/356778155_Evaluating_Utility_and_Automatic_Classification_of_Subject_Metadata_from_Research_Data_Australia</a>	ResearchGate	✓
Experimental Data Connector (XDC): Integrating the Capture of Experimental Data and Metadata Using Standard Formats and Digital Repositories	<a href="https://www.researchgate.net/publication/369656431_Experimental_Data_Connector_XDC_Integrating_the_Capture_of_Experimental_Data_and_Metadata_Using_Standard_Formats_and_Digital_Repositories">https://www.researchgate.net/publication/369656431_Experimental_Data_Connector_XDC_Integrating_the_Capture_of_Experimental_Data_and_Metadata_Using_Standard_Formats_and_Digital_Repositories</a>	ResearchGate	✗
Extracting enhanced artificial intelligence model metadata from software repositories	<a href="https://www.researchgate.net/publication/363682092_Extracting_enhanced_artificial_intelligence_model_metadata_from_software_repositories">https://www.researchgate.net/publication/363682092_Extracting_enhanced_artificial_intelligence_model_metadata_from_software_repositories</a>	ResearchGate	✗
FAIR Data Station for Lightweight Metadata Management & Validation of Omics Studies	<a href="https://www.researchgate.net/publication/362521525_FAIR_Data_Station_for_Lightweight_Metadata_Management_Validation_of_Omics_Studies">https://www.researchgate.net/publication/362521525_FAIR_Data_Station_for_Lightweight_Metadata_Management_Validation_of_Omics_Studies</a>	ResearchGate	✗
FAIR data station for lightweight metadata management and validation of omics studies	<a href="https://www.researchgate.net/publication/369050399_FAIR_data_station_for_lightweight_metadata_management_and_validation_of_omics_studies">https://www.researchgate.net/publication/369050399_FAIR_data_station_for_lightweight_metadata_management_and_validation_of_omics_studies</a>	ResearchGate	✗
Federated Catalogue for Discovering Earth Observation Data	<a href="https://www.researchgate.net/publication/272549074_Federated_Catalogue_for_Discovering_Earth_Observation_Data">https://www.researchgate.net/publication/272549074_Federated_Catalogue_for_Discovering_Earth_Observation_Data</a>	ResearchGate	✓
Federating Metadata Catalogs	<a href="https://www.researchgate.net/publication/252733599_Federating_Metadata_Catalogs">https://www.researchgate.net/publication/252733599_Federating_Metadata_Catalogs</a>	ResearchGate	✓
FitsMap: A simple, lightweight tool for displaying interactive astronomical image and catalog data	<a href="https://www.researchgate.net/publication/360318047_FitsMap_A_simple_lightweight_tool_for_displaying_interactive_astronomical_image_and_catalog_data">https://www.researchgate.net/publication/360318047_FitsMap_A_simple_lightweight_tool_for_displaying_interactive_astronomical_image_and_catalog_data</a>	ResearchGate	✗
From Invisible to Visible: Impacts of Metadata in Communicative Data Visualization	<a href="https://www.researchgate.net/publication/366565960_From_Invisible_to_Visible_Impacts_of_Metadata_in_Communicative_Data_Visualization">https://www.researchgate.net/publication/366565960_From_Invisible_to_Visible_Impacts_of_Metadata_in_Communicative_Data_Visualization</a>	ResearchGate	✗
From simulation to dissemination: automation of data and metadata management	<a href="https://www.researchgate.net/publication/367287039_From_simulation_to_dissemination_automation_of_data_and_metadata_management">https://www.researchgate.net/publication/367287039_From_simulation_to_dissemination_automation_of_data_and_metadata_management</a>	ResearchGate	✓
GEOfetch: A command-line tool for downloading data and standardized metadata from GEO and SRA	<a href="https://www.researchgate.net/publication/368917610_GEOfetch_A_command-line_tool_for_downloading_data_and_standardized_metadata_from_GEO_and_SRA">https://www.researchgate.net/publication/368917610_GEOfetch_A_command-line_tool_for_downloading_data_and_standardized_metadata_from_GEO_and_SRA</a>	ResearchGate	✗
Geographical Data and Metadata on Land Administration in Spain	<a href="https://www.researchgate.net/publication/362132890_Geographical_Data_and_Metadata_on_Land_Administration_in_Spain">https://www.researchgate.net/publication/362132890_Geographical_Data_and_Metadata_on_Land_Administration_in_Spain</a>	ResearchGate	✗

Resource title	URL	Platform	Contained information on at least one data catalog tool
Geo-Information Catalog Services Interoperability: an Experimented Tool	<a href="https://www.researchgate.net/publication/252622982_Geo-Information_Catalog_Services_Interoperability_an_Experimented_Tool">https://www.researchgate.net/publication/252622982_Geo-Information_Catalog_Services_Interoperability_an_Experimented_Tool</a>	ResearchGate	✓
GeoLOD: A Spatial Linked Data Catalog and Recommender	<a href="https://www.researchgate.net/publication/350977399_GeoLOD_A_Spatial_Linked_Data_Catalog_and_Recommender">https://www.researchgate.net/publication/350977399_GeoLOD_A_Spatial_Linked_Data_Catalog_and_Recommender</a>	ResearchGate	✓
Geospatial Data Portals and Open Geospatial Data	<a href="https://www.researchgate.net/publication/369480709_Geospatial_Data_Portals_and_Open_Geospatial_Data">https://www.researchgate.net/publication/369480709_Geospatial_Data_Portals_and_Open_Geospatial_Data</a>	ResearchGate	✗
GEOSPATIAL DATA PORTALS: LIBRARIANS ADD EXPERTISE IN THE DEVELOPMENT OF GIS METADATA CATALOGS	<a href="https://www.researchgate.net/publication/280073847_GEOSPATIAL_DATA_PORTALS_LIBRARIANS_ADD_EXPERTISE_IN_THE_DEVELOPMENT_OF_GIS_METADATA_CATALOGS">https://www.researchgate.net/publication/280073847_GEOSPATIAL_DATA_PORTALS_LIBRARIANS_ADD_EXPERTISE_IN_THE_DEVELOPMENT_OF_GIS_METADATA_CATALOGS</a>	ResearchGate	✓
Harmonised Metadata for Transportation Data Portals	<a href="https://www.researchgate.net/publication/356195447_Harmonised_Metadata_for_Transportation_Data_Portals">https://www.researchgate.net/publication/356195447_Harmonised_Metadata_for_Transportation_Data_Portals</a>	ResearchGate	✗
Historical Collections and Library Catalogs: Provenance Metadata, Bibliographic Standards and Frameworks, and Catalog Functionalities	<a href="https://www.tandfonline.com/doi/full/10.1080/01639374.2022.2124340">https://www.tandfonline.com/doi/full/10.1080/01639374.2022.2124340</a>	ResearchGate	✗
Implementation of the Event Metadata System for physics analysis in the NICA experiments	<a href="https://www.researchgate.net/publication/368552597_Implementation_of_the_Event_Metadata_System_for_physics_analysis_in_the_NICA_experiments">https://www.researchgate.net/publication/368552597_Implementation_of_the_Event_Metadata_System_for_physics_analysis_in_the_NICA_experiments</a>	ResearchGate	✗
Intelligent polar cyberinfrastructure: enabling semantic search in geospatial metadata catalogue to support polar data discovery	<a href="https://www.researchgate.net/publication/271627394_Intelligent_polar_cyberinfrastructure_enabling_semantic_search_in_geospatial_metadata_catalogue_to_support_polar_data_discovery">https://www.researchgate.net/publication/271627394_Intelligent_polar_cyberinfrastructure_enabling_semantic_search_in_geospatial_metadata_catalogue_to_support_polar_data_discovery</a>	ResearchGate	✓
Introduction and Evaluation of a Project Management Software Tool in the Context of the Administration of Science and Research Projects	<a href="https://www.researchgate.net/publication/366776501_Introduction_and_Evaluation_of_a_Project_Management_Software_Tool_in_the_Context_of_the_Administration_of_Science_and_Research_Projects">https://www.researchgate.net/publication/366776501_Introduction_and_Evaluation_of_a_Project_Management_Software_Tool_in_the_Context_of_the_Administration_of_Science_and_Research_Projects</a>	ResearchGate	✗
Library Waves: A Biannual Peer Reviewed Journal of Library and Information Science Metadata and Resource Management in the Digital Age: A Duo- decadal Bibliometric-Narrative Map and Assessment	<a href="https://www.researchgate.net/publication/368303126_Library_Waves_A_Biannual_Peer_Reviewed_Journal_of_Library_and_Information_Science_Metadata_and_Resource_Management_in_the_Digital_Age_A_Duo-decadal_Bibliometric-Narrative_Map_and_Assessment">https://www.researchgate.net/publication/368303126_Library_Waves_A_Biannual_Peer_Reviewed_Journal_of_Library_and_Information_Science_Metadata_and_Resource_Management_in_the_Digital_Age_A_Duo-decadal_Bibliometric-Narrative_Map_and_Assessment</a>	ResearchGate	✗
Mapping, cross-walking, converting and exchanging Oceanographic metadata information in Video Data Management System	<a href="https://www.researchgate.net/publication/224119451_Mapping_cross-walking_converting_and_exchanging_Oceanographic_metadata_information_in_Video_Data_Management_System">https://www.researchgate.net/publication/224119451_Mapping_cross-walking_converting_and_exchanging_Oceanographic_metadata_information_in_Video_Data_Management_System</a>	ResearchGate	✗
Matrix and analysis metadata standards (MAMS) to facilitate harmonization and reproducibility of single-cell data	<a href="https://www.researchgate.net/publication/369069284_Matrix_and_analysis_metadata_standards_MAMS_to_facilitate_harmonization_and_reproducibility_of_single-cell_data">https://www.researchgate.net/publication/369069284_Matrix_and_analysis_metadata_standards_MAMS_to_facilitate_harmonization_and_reproducibility_of_single-cell_data</a>	ResearchGate	✗
medna-metadata: an open-source data management system for tracking environmental DNA samples and metadata	<a href="https://www.researchgate.net/publication/362674377_medna-metadata_an_open-source_data_management_system_for_tracking_environmental_DNA_samples_and_metadata">https://www.researchgate.net/publication/362674377_medna-metadata_an_open-source_data_management_system_for_tracking_environmental_DNA_samples_and_metadata</a>	ResearchGate	✓
Mercury: An Example of Effective Software Reuse for Metadata Management, Data Discovery and Access	<a href="https://www.researchgate.net/publication/234354172_Mercury_An_Example_of_Effective_Software_Reuse_for_Metadata_Management_Data_Discovery_and_Access">https://www.researchgate.net/publication/234354172_Mercury_An_Example_of_Effective_Software_Reuse_for_Metadata_Management_Data_Discovery_and_Access</a>	ResearchGate	✓
Mercury: Reusable metadata management, data discovery and access system	<a href="https://www.researchgate.net/publication/220663078_Mercury_Reusable_metadata_management_data_discovery_and_access_system">https://www.researchgate.net/publication/220663078_Mercury_Reusable_metadata_management_data_discovery_and_access_system</a>	ResearchGate	✓
Mercury: Reusable software application for Metadata Management, Data Discovery and Access	<a href="https://www.researchgate.net/publication/234345951_Mercury_Reusable_software_application_for_Metadata_Management_Data_Discovery_and_Access">https://www.researchgate.net/publication/234345951_Mercury_Reusable_software_application_for_Metadata_Management_Data_Discovery_and_Access</a>	ResearchGate	✓
MetaCat - metadata catalog for data management systems	<a href="https://www.researchgate.net/publication/354071981_MetaCat_-_metadata_catalog_for_data_management_systems">https://www.researchgate.net/publication/354071981_MetaCat_-_metadata_catalog_for_data_management_systems</a>	ResearchGate	✓
Metadata Catalogs with Semantic Representations	<a href="https://www.researchgate.net/publication/220919041_Metadata_Catalogs_with_Semantic_Representations">https://www.researchgate.net/publication/220919041_Metadata_Catalogs_with_Semantic_Representations</a>	ResearchGate	✓

Resource title	URL	Platform	Contained information on at least one data catalog tool
Metadata Catalogues in Spatial Information Systems	<a href="https://www.researchgate.net/publication/228961507_Metadata_Catalogues_in_Spatial_Information_Systems">https://www.researchgate.net/publication/228961507_Metadata_Catalogues_in_Spatial_Information_Systems</a>	ResearchGate	✗
Metadata dating the digital city: a software archaeological approach	<a href="https://www.researchgate.net/publication/363037620_Metadata_dating_the_digital_city_a_software_archaeological_approach">https://www.researchgate.net/publication/363037620_Metadata_dating_the_digital_city_a_software_archaeological_approach</a>	ResearchGate	✗
Metadata Definition in Registries: What Is a Data Element?	<a href="https://www.researchgate.net/publication/360855745_Metadata_Definition_in_Registries_What_Is_a_Data_Element">https://www.researchgate.net/publication/360855745_Metadata_Definition_in_Registries_What_Is_a_Data_Element</a>	ResearchGate	✗
Metadata Management for Data Lake Governance	<a href="https://www.researchgate.net/publication/356878697_Metadata_Management_for_Data_Lake_Governance">https://www.researchgate.net/publication/356878697_Metadata_Management_for_Data_Lake_Governance</a>	ResearchGate	✗
Metadata management services for spatial data infrastructure.	<a href="https://www.researchgate.net/publication/275957490_Metadata_management_services_for_spatial_data_infrastructure">https://www.researchgate.net/publication/275957490_Metadata_management_services_for_spatial_data_infrastructure</a>	ResearchGate	✗
Metadata Schema Generation for Data-driven Smart Buildings	<a href="https://www.researchgate.net/publication/369950263_Metadata_Schema_Generation_for_Data-driven_Smart_Buildings">https://www.researchgate.net/publication/369950263_Metadata_Schema_Generation_for_Data-driven_Smart_Buildings</a>	ResearchGate	✗
Modeling community standards for metadata as templates makes data FAIR	<a href="https://www.researchgate.net/publication/365323813_Modeling_community_standards_for_metadata_as_templates_makes_data_FAIR">https://www.researchgate.net/publication/365323813_Modeling_community_standards_for_metadata_as_templates_makes_data_FAIR</a>	ResearchGate	✗
Modeling community standards for metadata as templates makes data FAIR	<a href="https://www.researchgate.net/publication/362544740_Modeling_community_standards_for_metadata_as_templates_makes_data_FAIR">https://www.researchgate.net/publication/362544740_Modeling_community_standards_for_metadata_as_templates_makes_data_FAIR</a>	ResearchGate	✗
Moving library metadata toward linked data: opportunities provided by the eXtensible Catalog	<a href="https://www.researchgate.net/publication/234803342_Moving_library_metadata_toward_linked_data_opportunities_provided_by_the_eXtensible_Catalog">https://www.researchgate.net/publication/234803342_Moving_library_metadata_toward_linked_data_opportunities_provided_by_the_eXtensible_Catalog</a>	ResearchGate	✗
MSCAT: A Machine Learning Assisted Catalog of Metabolomics Software Tools	<a href="https://www.researchgate.net/publication/355298718_MSCAT_A_Machine_Learning_Assisted_Catalog_of_Metabolomics_Software_Tools">https://www.researchgate.net/publication/355298718_MSCAT_A_Machine_Learning_Assisted_Catalog_of_Metabolomics_Software_Tools</a>	ResearchGate	✗
Ontology-Based Metadata Model Design of Data Governance System	<a href="https://www.researchgate.net/publication/367262763_Ontology-Based_Metadata_Model_Design_of_Data_Governance_System">https://www.researchgate.net/publication/367262763_Ontology-Based_Metadata_Model_Design_of_Data_Governance_System</a>	ResearchGate	✓
Quality of Metadata in Open Data Portals	<a href="https://ieeexplore.ieee.org/document/9405650">https://ieeexplore.ieee.org/document/9405650</a>	ResearchGate	✓
Reliable in-place bootstrap metadata transformation in a shared data store	<a href="https://www.researchgate.net/publication/302789615_Reliable_in-place_bootstrap_metadata_transformation_in_a_shared_data_store">https://www.researchgate.net/publication/302789615_Reliable_in-place_bootstrap_metadata_transformation_in_a_shared_data_store</a>	ResearchGate	✗
Research software on wings: Automating software publication with rich metadata	<a href="https://www.researchgate.net/publication/366066677_Research_software_on_wings_Automating_software_publication_with_rich_metadata">https://www.researchgate.net/publication/366066677_Research_software_on_wings_Automating_software_publication_with_rich_metadata</a>	ResearchGate	✗
SciCat: A meta data catalog and research data management system	<a href="https://www.researchgate.net/publication/369433495_SciCat_A_meta_data_catalog_and_research_data_management_system">https://www.researchgate.net/publication/369433495_SciCat_A_meta_data_catalog_and_research_data_management_system</a>	ResearchGate	✓
Setting up a data management infrastructure for bioimaging	<a href="https://www.researchgate.net/publication/368889116_Setting_up_a_data_management_infrastructure_for_bioimaging">https://www.researchgate.net/publication/368889116_Setting_up_a_data_management_infrastructure_for_bioimaging</a>	ResearchGate	✗
Streamlining data brokering from Research Data Management platforms to ELIXIR Repositories	<a href="https://www.researchgate.net/publication/368775302_Streamlining_data_brokering_from_Research_Data_Management_platforms_to_ELIXIR_Repositories">https://www.researchgate.net/publication/368775302_Streamlining_data_brokering_from_Research_Data_Management_platforms_to_ELIXIR_Repositories</a>	ResearchGate	✗
Supporting the eXtensible Catalog through Metadata Design and Services	<a href="https://www.researchgate.net/publication/48309841_Supporting_the_eXtensible_Catalog_through_Metadata_Design_and_Services">https://www.researchgate.net/publication/48309841_Supporting_the_eXtensible_Catalog_through_Metadata_Design_and_Services</a>	ResearchGate	✗
Testing the FAIR metrics on data catalogs	<a href="https://www.researchgate.net/publication/327275516_Testing_the_FAIR_metrics_on_data_catalogs">https://www.researchgate.net/publication/327275516_Testing_the_FAIR_metrics_on_data_catalogs</a>	ResearchGate	✓
Testing the FAIR metrics on data catalogs	<a href="https://www.researchgate.net/publication/327425553_Testing_the_FAIR_metrics_on_data_catalogs">https://www.researchgate.net/publication/327425553_Testing_the_FAIR_metrics_on_data_catalogs</a>	ResearchGate	✓
Testing the FAIR metrics on data catalogs (v1)	<a href="https://www.researchgate.net/publication/327274559_Testing_the_FAIR_metrics_on_data_catalogs">https://www.researchgate.net/publication/327274559_Testing_the_FAIR_metrics_on_data_catalogs</a>	ResearchGate	✓
The Allele Catalog Tool: a web-based interactive tool for allele discovery and analysis	<a href="https://www.researchgate.net/publication/369144730_The_Allele_Catalog_Tool_a_web-based_interactive_tool_for_allele_discovery_and_analysis">https://www.researchgate.net/publication/369144730_The_Allele_Catalog_Tool_a_web-based_interactive_tool_for_allele_discovery_and_analysis</a>	ResearchGate	✗



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The Multiple Sclerosis Data Alliance Catalogue	<a href="https://www.researchgate.net/publication/357414900_The_Multiple_Sclerosis_Data_Alliance_Catalogue">https://www.researchgate.net/publication/357414900_The_Multiple_Sclerosis_Data_Alliance_Catalogue</a>	ResearchGate	✓
The SSH Data Citation Service, A Tool to Explore and Collect Citation Metadata	<a href="https://www.researchgate.net/publication/363557356_The_SSH_Data_Citation_Service_A_Tool_to_Explore_and_Collect_Citation_Metadata">https://www.researchgate.net/publication/363557356_The_SSH_Data_Citation_Service_A_Tool_to_Explore_and_Collect_Citation_Metadata</a>	ResearchGate	✗
Towards an Interoperable Ecosystem of Research Cohort and Real-world Data Catalogues Enabling Multi-center Studies	<a href="https://www.researchgate.net/publication/366009159_Towards_an_Interoperable_Ecosystem_of_Research_Cohort_and_Real-world_Data_Catalogues_Enabling_Multi-center_Studies">https://www.researchgate.net/publication/366009159_Towards_an_Interoperable_Ecosystem_of_Research_Cohort_and_Real-world_Data_Catalogues_Enabling_Multi-center_Studies</a>	ResearchGate	✓
Towards implementing a next-generation resource discovery tool: virtual union catalogue of digital repositories in Sri Lanka	<a href="https://www.researchgate.net/publication/283909870_Towards_implementing_a_next-generation_resource_discovery_tool_virtual_union_catalogue_of_digital_repositories_in_Sri_Lanka">https://www.researchgate.net/publication/283909870_Towards_implementing_a_next-generation_resource_discovery_tool_virtual_union_catalogue_of_digital_repositories_in_Sri_Lanka</a>	ResearchGate	✓
Typological Catalogue of the ancient Roman Scribal Tool Known as a Bone Rule	<a href="https://www.researchgate.net/publication/367115988_Typological_Catalogue_of_the_ancient_Roman_Scribal_Tool_Known_as_a_Bone_Rule">https://www.researchgate.net/publication/367115988_Typological_Catalogue_of_the_ancient_Roman_Scribal_Tool_Known_as_a_Bone_Rule</a>	ResearchGate	✗
User Manual of Automatic Data Curation Tool(ADCT): A bulk data curator software in Library and Information Science	<a href="https://www.researchgate.net/publication/364953634_User_Manual_of_Automatic_Data_Curation_ToolA_DCT_A_bulk_data_curator_software_in_Library_and_Information_Science">https://www.researchgate.net/publication/364953634_User_Manual_of_Automatic_Data_Curation_ToolA_DCT_A_bulk_data_curator_software_in_Library_and_Information_Science</a>	ResearchGate	✗
View points on data points: A shared vocabulary for cross-domain conversations on data and metadata	<a href="https://www.researchgate.net/publication/369730795_View_points_on_data_points_A_shared_vocabulary_for_cross-domain_conversations_on_data_and_metadata">https://www.researchgate.net/publication/369730795_View_points_on_data_points_A_shared_vocabulary_for_cross-domain_conversations_on_data_and_metadata</a>	ResearchGate	✗
Virtual metadata catalogs: augmenting metadata catalogs with semantic representations	<a href="https://www.researchgate.net/publication/228977825_Virtual_metadata_catalogs_augmenting_metadata_catalogs_with_semantic_representations">https://www.researchgate.net/publication/228977825_Virtual_metadata_catalogs_augmenting_metadata_catalogs_with_semantic_representations</a>	ResearchGate	✓
10 - Metadata and Data Standards	<a href="https://www.sciencedirect.com/science/article/pii/B9780123737175000105">https://www.sciencedirect.com/science/article/pii/B9780123737175000105</a>	ScienceDirect	✗
11 - Brave new world?: Cardiff Metropolitan University Library Service's implementation of a next-generation library management system	<a href="https://www.sciencedirect.com/science/article/abs/pii/B9780128228074000117">https://www.sciencedirect.com/science/article/abs/pii/B9780128228074000117</a>	ScienceDirect	✗
14 - Data Profiling	<a href="https://www.sciencedirect.com/science/article/pii/B9780123737175000142">https://www.sciencedirect.com/science/article/pii/B9780123737175000142</a>	ScienceDirect	✗
3 - Designing a method for managing eBook metadata	<a href="https://www.sciencedirect.com/science/article/pii/B9780081001516000032">https://www.sciencedirect.com/science/article/pii/B9780081001516000032</a>	ScienceDirect	✗
A case study on the use of machine learning techniques for supporting technology watch	<a href="https://www.sciencedirect.com/science/article/pii/S0169023X18302106">https://www.sciencedirect.com/science/article/pii/S0169023X18302106</a>	ScienceDirect	✗
A domain-agnostic ontology for unified metrology data management	<a href="https://www.sciencedirect.com/science/article/pii/S2665917421002269#sec4">https://www.sciencedirect.com/science/article/pii/S2665917421002269#sec4</a>	ScienceDirect	✗
A remote sensing data management system for sea area usage management in China	<a href="https://www.sciencedirect.com/science/article/pii/S096456911730563X">https://www.sciencedirect.com/science/article/pii/S096456911730563X</a>	ScienceDirect	✗
A Study of Development and Application on S-100 Registry	<a href="https://www.sciencedirect.com/science/article/pii/S2352146517302338">https://www.sciencedirect.com/science/article/pii/S2352146517302338</a>	ScienceDirect	✗
A visualization and data-sharing tool for ecosystem service maps: Lessons learnt, challenges and the way forward	<a href="https://www.sciencedirect.com/science/article/pii/S2212041614001594">https://www.sciencedirect.com/science/article/pii/S2212041614001594</a>	ScienceDirect	✗
Advances in planetary defense in the United States	<a href="https://www.sciencedirect.com/science/article/pii/S0094576517315217">https://www.sciencedirect.com/science/article/pii/S0094576517315217</a>	ScienceDirect	✗
AgKit4EE: A toolkit for agricultural land use modeling of the conterminous United States based on Google Earth Engine	<a href="https://www.sciencedirect.com/science/article/pii/S1364815219304670">https://www.sciencedirect.com/science/article/pii/S1364815219304670</a>	ScienceDirect	✗
An asynchronous traversal engine for graph-based rich metadata management	<a href="https://www.sciencedirect.com/science/article/pii/S0167819116300576">https://www.sciencedirect.com/science/article/pii/S0167819116300576</a>	ScienceDirect	✗
An intelligent XML-based multidimensional data cube exchange	<a href="https://www.sciencedirect.com/science/article/pii/S0957417412000826">https://www.sciencedirect.com/science/article/pii/S0957417412000826</a>	ScienceDirect	✗
An ontology-based business intelligence application in a financial knowledge management system	<a href="https://www.sciencedirect.com/science/article/pii/S095741740800119X">https://www.sciencedirect.com/science/article/pii/S095741740800119X</a>	ScienceDirect	✗
Are our Cities Making our Roads Unsafe? The Impact of Land Use Configurations on Child Pedestrian Injuries (poster)	<a href="https://www.sciencedirect.com/science/article/pii/S2214140517307983">https://www.sciencedirect.com/science/article/pii/S2214140517307983</a>	ScienceDirect	✗

Resource title	URL	Platform	Contained information on at least one data catalog tool
Biomaterialomics: Data science-driven pathways to develop fourth-generation biomaterials	<a href="https://www.sciencedirect.com/science/article/pii/S1742706122001039">https://www.sciencedirect.com/science/article/pii/S1742706122001039</a>	ScienceDirect	✗
BlobSeer: Next-generation data management for large scale infrastructures	<a href="https://www.sciencedirect.com/science/article/pii/S0743731510001401">https://www.sciencedirect.com/science/article/pii/S0743731510001401</a>	ScienceDirect	✗
Blockchain for secure decentralized energy management of multi-energy system using state machine replication	<a href="https://www.sciencedirect.com/science/article/pii/S0306261923002271">https://www.sciencedirect.com/science/article/pii/S0306261923002271</a>	ScienceDirect	✗
Chapter 10 - Metadata Management	<a href="https://www.sciencedirect.com/science/article/abs/pii/B9780128025109000106">https://www.sciencedirect.com/science/article/abs/pii/B9780128025109000106</a>	ScienceDirect	✗
Chapter 2 - The Value of Business Metadata Management	<a href="https://www.sciencedirect.com/science/article/abs/pii/B9780123737267500031">https://www.sciencedirect.com/science/article/abs/pii/B9780123737267500031</a>	ScienceDirect	✗
Chapter 23 - Administering the DW 2.0 environment	<a href="https://www.sciencedirect.com/science/article/pii/B9780123743190000233">https://www.sciencedirect.com/science/article/pii/B9780123743190000233</a>	ScienceDirect	✗
Chapter 6 - Metadata Management for MDM	<a href="https://www.sciencedirect.com/science/article/pii/B9780123742254000060">https://www.sciencedirect.com/science/article/pii/B9780123742254000060</a>	ScienceDirect	✗
CineGrid Exchange: A workflow-based peta-scale distributed storage platform on a high-speed network	<a href="https://www.sciencedirect.com/science/article/pii/S0167739X10002372">https://www.sciencedirect.com/science/article/pii/S0167739X10002372</a>	ScienceDirect	✗
Collaborative e-learning systems using semantic data interoperability	<a href="https://www.sciencedirect.com/science/article/pii/S0747563216301571">https://www.sciencedirect.com/science/article/pii/S0747563216301571</a>	ScienceDirect	✗
Collaborative management of business metadata	<a href="https://www.sciencedirect.com/science/article/pii/S0268401210001817">https://www.sciencedirect.com/science/article/pii/S0268401210001817</a>	ScienceDirect	✗
CSTORE: A desktop-oriented distributed public cloud storage system	<a href="https://www.sciencedirect.com/science/article/pii/S0045790614002705">https://www.sciencedirect.com/science/article/pii/S0045790614002705</a>	ScienceDirect	✗
Data catalog project—A browsable, searchable, metadata system	<a href="https://www.sciencedirect.com/science/article/pii/S0920379616303398">https://www.sciencedirect.com/science/article/pii/S0920379616303398</a>	ScienceDirect	✓
Data Management Administration Online (DMAOnline)☆	<a href="https://www.sciencedirect.com/science/article/pii/S187705091730296X">https://www.sciencedirect.com/science/article/pii/S187705091730296X</a>	ScienceDirect	✗
Deister: A light-weight autonomous block management in data-intensive file systems using deterministic declustering distribution	<a href="https://www.sciencedirect.com/science/article/pii/S0743731516000265">https://www.sciencedirect.com/science/article/pii/S0743731516000265</a>	ScienceDirect	✗
Detailed analysis of dynamic evolution of three Active Regions at the photospheric level before flare and CME occurrence	<a href="https://www.sciencedirect.com/science/article/pii/S0273117717307056">https://www.sciencedirect.com/science/article/pii/S0273117717307056</a>	ScienceDirect	✗
DiVers: An erasure code based storage architecture for versioning exploiting sparsity	<a href="https://www.sciencedirect.com/science/article/pii/S0167739X16000078">https://www.sciencedirect.com/science/article/pii/S0167739X16000078</a>	ScienceDirect	✗
Diverse or uniform? — Intercomparison of two major German project databases for interdisciplinary collaborative functional biodiversity research	<a href="https://www.sciencedirect.com/science/article/pii/S157495411100094X">https://www.sciencedirect.com/science/article/pii/S157495411100094X</a>	ScienceDirect	✗
Earthquake catalogue of Ghana for the time period 1615–2003 with special reference to the tectono-structural evolution of south-east Ghana	<a href="https://www.sciencedirect.com/science/article/pii/S1464343X12001380">https://www.sciencedirect.com/science/article/pii/S1464343X12001380</a>	ScienceDirect	✗
Ecological data sharing	<a href="https://www.sciencedirect.com/science/article/pii/S1574954115001004#s0090">https://www.sciencedirect.com/science/article/pii/S1574954115001004#s0090</a>	ScienceDirect	✗
EMIF Catalogue: A collaborative platform for sharing and reusing biomedical data	<a href="https://www.sciencedirect.com/science/article/pii/S138650561830830X">https://www.sciencedirect.com/science/article/pii/S138650561830830X</a>	ScienceDirect	✓
ETDs in ProQuest and the institutional repository: A descriptive study of the current workflows available for dual online submission	<a href="https://www.sciencedirect.com/science/article/pii/S0099133321001208">https://www.sciencedirect.com/science/article/pii/S0099133321001208</a>	ScienceDirect	✗
Geo-Semantic Labelling of Open Data	<a href="https://www.sciencedirect.com/science/article/pii/S1877050918316065">https://www.sciencedirect.com/science/article/pii/S1877050918316065</a>	ScienceDirect	✗
Helios: History and Anatomy of a Successful In-House Enterprise High-Throughput Screening and Profiling Data Analysis System	<a href="https://www.sciencedirect.com/science/article/pii/S2472555222068654">https://www.sciencedirect.com/science/article/pii/S2472555222068654</a>	ScienceDirect	✗
I/O-Performance Prediction Method for Mission-critical Grid-batch Processing	<a href="https://www.sciencedirect.com/science/article/pii/S187705091100295X">https://www.sciencedirect.com/science/article/pii/S187705091100295X</a>	ScienceDirect	✗
Investigating metrics of geospatial web services: The case of a CEOS federated catalog service for earth observation data	<a href="https://www.sciencedirect.com/science/article/pii/S0098300416300978">https://www.sciencedirect.com/science/article/pii/S0098300416300978</a>	ScienceDirect	✗
Investigating the associations between solar flares and magnetic complexity of active regions	<a href="https://www.sciencedirect.com/science/article/pii/S1384107622001543">https://www.sciencedirect.com/science/article/pii/S1384107622001543</a>	ScienceDirect	✗

Resource title	URL	Platform	Contained information on at least one data catalog tool
J-TEXT distributed data storage and management system	<a href="https://www.sciencedirect.com/science/article/pii/S0920379618301595">https://www.sciencedirect.com/science/article/pii/S0920379618301595</a>	ScienceDirect	✗
Laboratory Measurements of Fluid Transport Properties on Tight Gas Sandstones and Applications	<a href="https://www.sciencedirect.com/science/article/pii/S1876610214017573">https://www.sciencedirect.com/science/article/pii/S1876610214017573</a>	ScienceDirect	✗
LaMeta: An efficient locality aware metadata management technique for an ultra-large distributed storage system	<a href="https://www.sciencedirect.com/science/article/pii/S1319157822002865">https://www.sciencedirect.com/science/article/pii/S1319157822002865</a>	ScienceDirect	✗
Linking research information within the knowledge portal - the Bridge of Knowledge services for researchers	<a href="https://www.sciencedirect.com/science/article/pii/S1877050922016659">https://www.sciencedirect.com/science/article/pii/S1877050922016659</a>	ScienceDirect	✗
Livestock data – Is it there and is it FAIR? A systematic review of livestock farming datasets in Australia	<a href="https://www.sciencedirect.com/science/article/pii/S0168169921003823">https://www.sciencedirect.com/science/article/pii/S0168169921003823</a>	ScienceDirect	✗
Managing polyglot systems metadata with hypergraphs	<a href="https://www.sciencedirect.com/science/article/pii/S0169023X21000239#b5">https://www.sciencedirect.com/science/article/pii/S0169023X21000239#b5</a>	ScienceDirect	✗
Mapping three decades of annual irrigation across the US High Plains Aquifer using Landsat and Google Earth Engine	<a href="https://www.sciencedirect.com/science/article/pii/S0034425719304195">https://www.sciencedirect.com/science/article/pii/S0034425719304195</a>	ScienceDirect	✗
Measuring Spatial Accessibility of Healthcare Services in Calgary (poster)	<a href="https://www.sciencedirect.com/science/article/pii/S2214140517307958">https://www.sciencedirect.com/science/article/pii/S2214140517307958</a>	ScienceDirect	✗
Metadata management for high content screening in OMERO	<a href="https://www.sciencedirect.com/science/article/pii/S1046202315301250">https://www.sciencedirect.com/science/article/pii/S1046202315301250</a>	ScienceDirect	✗
Metadata management in a big data infrastructure	<a href="https://www.sciencedirect.com/science/article/pii/S2351978920306247">https://www.sciencedirect.com/science/article/pii/S2351978920306247</a>	ScienceDirect	✗
Metagit: Decentralised metadata management with Git	<a href="https://www.sciencedirect.com/science/article/pii/S0306437916303118">https://www.sciencedirect.com/science/article/pii/S0306437916303118</a>	ScienceDirect	✗
Meta-information concepts for ecological data management	<a href="https://www.sciencedirect.com/science/article/pii/S157495410500004X">https://www.sciencedirect.com/science/article/pii/S157495410500004X</a>	ScienceDirect	✗
MHS: A distributed metadata management strategy	<a href="https://www.sciencedirect.com/science/article/pii/S0164121209001551">https://www.sciencedirect.com/science/article/pii/S0164121209001551</a>	ScienceDirect	✗
Modelling an absorption system assisted by solar energy	<a href="https://www.sciencedirect.com/science/article/pii/S1359431110003649">https://www.sciencedirect.com/science/article/pii/S1359431110003649</a>	ScienceDirect	✗
Modular reweighting software for statistical mechanical analysis of biased equilibrium data	<a href="https://www.sciencedirect.com/science/article/pii/S0010465511001640">https://www.sciencedirect.com/science/article/pii/S0010465511001640</a>	ScienceDirect	✗
MONTRA: An agile architecture for data publishing and discovery	<a href="https://www.sciencedirect.com/science/article/pii/S0169260717312725">https://www.sciencedirect.com/science/article/pii/S0169260717312725</a>	ScienceDirect	✓
On organizing and accessing geospatial and georeferenced Web resources using the G-Portal system	<a href="https://www.sciencedirect.com/science/article/pii/S0306457304000937">https://www.sciencedirect.com/science/article/pii/S0306457304000937</a>	ScienceDirect	✗
P3G — 10 years of toolbuilding: From the population biobank to the clinic	<a href="https://www.sciencedirect.com/science/article/pii/S2212066114000064">https://www.sciencedirect.com/science/article/pii/S2212066114000064</a>	ScienceDirect	✗
Participatory mapping of forest plantations with Open Foris and Google Earth Engine	<a href="https://www.sciencedirect.com/science/article/pii/S0924271618303411">https://www.sciencedirect.com/science/article/pii/S0924271618303411</a>	ScienceDirect	✗
Performance Enhancement of Distributed System Using HDFS Federation and Sharding	<a href="https://www.sciencedirect.com/science/article/pii/S1877050923002545">https://www.sciencedirect.com/science/article/pii/S1877050923002545</a>	ScienceDirect	✗
Problem identification and intervention in the higher education data synchronization system in Indonesia	<a href="https://www.sciencedirect.com/science/article/pii/S1877050921023899">https://www.sciencedirect.com/science/article/pii/S1877050921023899</a>	ScienceDirect	✗
RDFProv: A relational RDF store for querying and managing scientific workflow provenance	<a href="https://www.sciencedirect.com/science/article/pii/S0169023X10000455">https://www.sciencedirect.com/science/article/pii/S0169023X10000455</a>	ScienceDirect	✗
Research data management (RDM) in Jordanian public university libraries: Present status, challenges and future perspectives	<a href="https://www.sciencedirect.com/science/article/pii/S0099133321000690">https://www.sciencedirect.com/science/article/pii/S0099133321000690</a>	ScienceDirect	✗
SchemEX — Efficient construction of a data catalogue by stream-based indexing of linked data	<a href="https://www.sciencedirect.com/science/article/pii/S1570826812000716">https://www.sciencedirect.com/science/article/pii/S1570826812000716</a>	ScienceDirect	✗
Semi-automatic knowledge extraction, representation and context-sensitive intelligent retrieval of video content using collateral context modelling with scalable ontological networks	<a href="https://www.sciencedirect.com/science/article/pii/S0923596509000769">https://www.sciencedirect.com/science/article/pii/S0923596509000769</a>	ScienceDirect	✗
SkyCDS: A resilient content delivery service based on diversified cloud storage	<a href="https://www.sciencedirect.com/science/article/pii/S1569190X15000477">https://www.sciencedirect.com/science/article/pii/S1569190X15000477</a>	ScienceDirect	✗
Storing, reasoning, and querying OPM-compliant scientific workflow provenance using relational databases	<a href="https://www.sciencedirect.com/science/article/pii/S0167739X10002062">https://www.sciencedirect.com/science/article/pii/S0167739X10002062</a>	ScienceDirect	✗
Symmetric active/active metadata service for high availability parallel file systems	<a href="https://www.sciencedirect.com/science/article/pii/S0743731509001531">https://www.sciencedirect.com/science/article/pii/S0743731509001531</a>	ScienceDirect	✗



Resource title	URL	Platform	Contained information on at least one data catalog tool
The open research system: a web-based metadata and data repository for collaborative research	<a href="https://www.sciencedirect.com/science/article/pii/S0168169904001620#aep-section-id11">https://www.sciencedirect.com/science/article/pii/S0168169904001620#aep-section-id11</a>	ScienceDirect	✓
Toward a definition of Essential Mountain Climate Variables	<a href="https://www.sciencedirect.com/science/article/pii/S2590332221002487">https://www.sciencedirect.com/science/article/pii/S2590332221002487</a>	ScienceDirect	✗
WaterML R package for managing ecological experiment data on a CUAHSI HydroServer	<a href="https://www.sciencedirect.com/science/article/pii/S1574954115000801">https://www.sciencedirect.com/science/article/pii/S1574954115000801</a>	ScienceDirect	✗
A Digital Video Archive System of NDAP Taiwan	<a href="https://link.springer.com/chapter/10.1007/11931584_7">https://link.springer.com/chapter/10.1007/11931584_7</a>	SpringerLink	✗
A Feasibility Study of an Agile and Data-Centric Method for Prototyping Services Based on Open Transport Data	<a href="https://link.springer.com/chapter/10.1007/978-3-030-49432-2_5">https://link.springer.com/chapter/10.1007/978-3-030-49432-2_5</a>	SpringerLink	✗
A generalized topic modeling approach for automatic document annotation	<a href="https://link.springer.com/article/10.1007/s00799-015-0146-2#Sec29">https://link.springer.com/article/10.1007/s00799-015-0146-2#Sec29</a>	SpringerLink	✓
A Knowledge-Based Approach to Support Analytic Query Answering in Semantic Data Lakes	<a href="https://link.springer.com/chapter/10.1007/978-3-031-15740-0_14">https://link.springer.com/chapter/10.1007/978-3-031-15740-0_14</a>	SpringerLink	✗
A mediator-based approach for integrating heterogeneous multimedia sources	<a href="https://link.springer.com/article/10.1007/s11042-011-0904-0">https://link.springer.com/article/10.1007/s11042-011-0904-0</a>	SpringerLink	✗
A Metadata Management Model-Oriented Data Resource Planning and Application	<a href="https://link.springer.com/chapter/10.1007/978-3-642-23998-4_25">https://link.springer.com/chapter/10.1007/978-3-642-23998-4_25</a>	SpringerLink	✗
A Metadata Model to Connect Isolated Data Silos and Activities of the CAE Domain	<a href="https://link.springer.com/chapter/10.1007/978-3-030-79382-1_13">https://link.springer.com/chapter/10.1007/978-3-030-79382-1_13</a>	SpringerLink	✗
A Model of Enterprise Analytical Platform for Supply Chain Management	<a href="https://link.springer.com/chapter/10.1007/978-3-030-63119-2_30">https://link.springer.com/chapter/10.1007/978-3-030-63119-2_30</a>	SpringerLink	✗
A Multi-attribute Data Structure with Parallel Bloom Filters for Network Services	<a href="https://link.springer.com/chapter/10.1007/11945918_30">https://link.springer.com/chapter/10.1007/11945918_30</a>	SpringerLink	✗
A Natural Language Model for Managing TV-Anytime Information in Mobile Environments	<a href="https://link.springer.com/chapter/10.1007/978-3-540-30188-2_2">https://link.springer.com/chapter/10.1007/978-3-540-30188-2_2</a>	SpringerLink	✗
A natural language model for managing TV-Anytime information in mobile environments	<a href="https://link.springer.com/article/10.1007/s00779-004-0330-7">https://link.springer.com/article/10.1007/s00779-004-0330-7</a>	SpringerLink	✗
A New Approach for Education Information System's Compliance Test with the CELTS Standard Based Upon XML Processing Technology	<a href="https://link.springer.com/chapter/10.1007/978-3-540-89962-4_15">https://link.springer.com/chapter/10.1007/978-3-540-89962-4_15</a>	SpringerLink	✗
A pairing-based cryptographic approach for data security in the cloud	<a href="https://link.springer.com/article/10.1007/s10207-017-0375-z">https://link.springer.com/article/10.1007/s10207-017-0375-z</a>	SpringerLink	✗
A Prototype of Multimedia Metadata Management System for Supporting the Integration of Heterogeneous Sources	<a href="https://link.springer.com/chapter/10.1007/978-3-540-87442-3_135">https://link.springer.com/chapter/10.1007/978-3-540-87442-3_135</a>	SpringerLink	✓
A Service-Oriented Integration Platform to Support a Joined-Up E-Government Approach: The Uruguayan Experience	<a href="https://link.springer.com/chapter/10.1007/978-3-642-32701-8_13">https://link.springer.com/chapter/10.1007/978-3-642-32701-8_13</a>	SpringerLink	✗
A Survey on the Importance of Learning Object Metadata for Relevance Judgment	<a href="https://link.springer.com/chapter/10.1007/978-3-642-24731-6_31">https://link.springer.com/chapter/10.1007/978-3-642-24731-6_31</a>	SpringerLink	✗
Adaptive and scalable load balancing for metadata server cluster in cloud-scale file systems	<a href="https://link.springer.com/article/10.1007/s11704-015-4560-9">https://link.springer.com/article/10.1007/s11704-015-4560-9</a>	SpringerLink	✗
Adaptive Metadata Management System for Distributed Video Content Analysis	<a href="https://link.springer.com/chapter/10.1007/978-3-540-88458-3_30">https://link.springer.com/chapter/10.1007/978-3-540-88458-3_30</a>	SpringerLink	✗
Advanced Information Systems Engineering	<a href="https://link.springer.com/book/10.1007/978-3-030-79382-1">https://link.springer.com/book/10.1007/978-3-030-79382-1</a>	SpringerLink	✗
Advances in Databases and Information Systems	<a href="https://link.springer.com/book/10.1007/978-3-030-82472-3">https://link.springer.com/book/10.1007/978-3-030-82472-3</a>	SpringerLink	✗
Advances in Databases and Information Systems	<a href="https://link.springer.com/book/10.1007/978-3-031-15740-0">https://link.springer.com/book/10.1007/978-3-031-15740-0</a>	SpringerLink	✗
Advances in Service-Oriented and Cloud Computing	<a href="https://link.springer.com/book/10.1007/978-3-031-23298-5">https://link.springer.com/book/10.1007/978-3-031-23298-5</a>	SpringerLink	✗
An analysis and comparison of keyword recommendation methods for scientific data	<a href="https://link.springer.com/article/10.1007/s00799-020-00279-3">https://link.springer.com/article/10.1007/s00799-020-00279-3</a>	SpringerLink	✗
An Approach to Evolution Management in Integrated Heterogeneous Data Sources	<a href="https://link.springer.com/chapter/10.1007/978-3-031-08965-7_3">https://link.springer.com/chapter/10.1007/978-3-031-08965-7_3</a>	SpringerLink	✗
An Effective Inference Method Using Sensor Data for Symbiotic Healthcare Support System	<a href="https://link.springer.com/chapter/10.1007/978-3-642-12189-0_14">https://link.springer.com/chapter/10.1007/978-3-642-12189-0_14</a>	SpringerLink	✗
An Initial Automation Object Repository for OOONEIDA	<a href="https://link.springer.com/chapter/10.1007/11537847_14">https://link.springer.com/chapter/10.1007/11537847_14</a>	SpringerLink	✗
Analysis and Improvement of Heterogeneous Hardware Support in Docker Images	<a href="https://link.springer.com/chapter/10.1007/978-3-030-78198-9_9">https://link.springer.com/chapter/10.1007/978-3-030-78198-9_9</a>	SpringerLink	✗
Application of Big Data, Blockchain, and Internet of Things for Education Informatization	<a href="https://link.springer.com/book/10.1007/978-3-031-23950-2">https://link.springer.com/book/10.1007/978-3-031-23950-2</a>	SpringerLink	✗



Resource title	URL	Platform	Contained information on at least one data catalog tool
Application of Classification Mining Technology Based on Decision Tree in Student Resource Management	<a href="https://link.springer.com/chapter/10.1007/978-3-031-23950-2_17">https://link.springer.com/chapter/10.1007/978-3-031-23950-2_17</a>	SpringerLink	✗
Artificial Intelligence for Knowledge Management	<a href="https://link.springer.com/book/10.1007/978-3-030-80847-1">https://link.springer.com/book/10.1007/978-3-030-80847-1</a>	SpringerLink	✗
Assisted neuroscience knowledge extraction via machine learning applied to neural reconstruction metadata on NeuroMorpho.Org	<a href="https://link.springer.com/article/10.1186/s40708-022-00174-4">https://link.springer.com/article/10.1186/s40708-022-00174-4</a>	SpringerLink	✗
Big Data Management: A Case Study on Medical Data	<a href="https://link.springer.com/chapter/10.1007/978-3-030-40907-4_20">https://link.springer.com/chapter/10.1007/978-3-030-40907-4_20</a>	SpringerLink	✓
Business Information Systems	<a href="https://link.springer.com/book/10.1007/978-3-030-53337-3">https://link.springer.com/book/10.1007/978-3-030-53337-3</a>	SpringerLink	✗
Business Process Engineering for Data Storing and Processing in a Collaborative Distributed Environment Based on Provenance Metadata, Smart Contracts and Blockchain Technology	<a href="https://link.springer.com/article/10.1007/s10723-021-09544-4">https://link.springer.com/article/10.1007/s10723-021-09544-4</a>	SpringerLink	✗
Case Studies of Ecological Integrative Information Systems: The Luquillo and Sevilleta Information Management Systems	<a href="https://link.springer.com/chapter/10.1007/978-3-642-16552-8_3">https://link.springer.com/chapter/10.1007/978-3-642-16552-8_3</a>	SpringerLink	✗
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