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# CHERRY - CHEmistry RepositoRY

(and the other TRAP-RCUB repositories)

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# CHERRY - CHEmistry RepositoRY

- Developed and hosted by the Repository Development Team at the University of Belgrade Computer Centre (TRAP-RCUB) – one of 30 TRAP-TCUB repositories: <https://repowiki.rcub.bg.ac.rs/index.php/Repositories>
- DSpace 5.10
- Qualified Dublin Core Schema
- [OpenAIRE Guidelines for Literature Repositories v3](#)
- Open Archives Protocol for Metadata Harvesting (OAI-PMH)
- PIDs – Handles
- Meta tags optimized for Google Scholar and reference managers + recommended citations + metadata export
- A set of customized tools: [https://repowiki.rcub.bg.ac.rs/index.php/Category:Services\\_and\\_tools](https://repowiki.rcub.bg.ac.rs/index.php/Category:Services_and_tools)
- Policies: <https://cherry.chem.bg.ac.rs/contact>
- On-boarded to the NI4OS Service Catalogue: [https://catalogue.ni4os.eu/?\\_=/resources/22b44397-6edc-4c65-81f5-b165ba5085ab](https://catalogue.ni4os.eu/?_=/resources/22b44397-6edc-4c65-81f5-b165ba5085ab)
- Harvested by OpenAIRE, BASE, CORE, WorldCat, Unpaywall

<https://cherry.chem.bg.ac.rs/>

# FAIR features

## Findable

- Repository items are assigned PIDs (Handles).
- Metadata conform to the [Qualified Dublin Core Schema](#).
- Metadata can be exported through the user interface in [BibTeX](#) and [RIS](#) formats.
- Metadata are embedded in [HTML meta tags](#), which improves discoverability through search engines.
- The [sitemap feature in DSpace](#) is enabled.
- Metadata records can be harvested through the OAI-PMH interface, due to which the Repository content is made visible in various aggregators and discovery services.

## Accessible

- Metadata are openly accessible, without authentication, through the user interface or by using the open OAI-PMH protocol. Metadata are distributed under the CC0 license.
- Data in Open Access are available to users without authentication.
- Restricted data are accessible to authorized users after login into the system.

## Interoperable

- The metadata are mapped to Dublin Core – a formal, accessible, and broadly applicable language for knowledge representation.
- The Dublin Core “*Relation*” metadata element is used to show various types of relations between data.

## Reusable

- Rich metadata.
- Data are always released with clear conditions of use – license information provided in item metadata.
- Fixity checks ([md5 checksums](#)) are performed to verify that data have not been altered or corrupted.

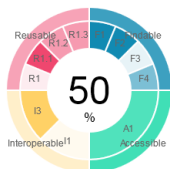
<https://www.f-uji.net/>

Supplementary material for the article: Assaleh, M. H.; Bjelogrić, S. K.; Prlainović, N.; Cvijetić, I.; Božić, A.; Arandjelović, I.; Vuković, D.; Marinković, A. Antimycobacterial and Anticancer Activity of Newly Designed Cinnamic Acid Hydrazides with Favorable Toxicity Profile. Arabian Journal of Chemistry 2022, 15 (1), 103532. <https://doi.org/10.1016/j.arabjc.2021.103532>.

[Save](#) [JSON](#) [New](#)

<b>FAIR level:</b> <span>?</span>	<b>moderate</b>
<b>Resource PID/URL:</b>	<a href="https://cherry.chem.bg.ac.rs/handle/123456789/4868">https://cherry.chem.bg.ac.rs/handle/123456789/4868</a>
<b>DataCite support:</b>	enabled
<b>Metric Version:</b>	metrics_v0.4
<b>Metric Specification:</b>	<a href="https://doi.org/10.5281/zenodo.4081213">https://doi.org/10.5281/zenodo.4081213</a>
<b>Software version:</b>	1.4.6
<b>Download assessment results:</b>	<a href="#">JSON</a>
<b>Save and share assessment results:</b>	

## Summary:



	Score earned:		Fair level:
<b>Findable:</b>	5 of 7	<span>🔄</span>	<b>moderate</b>
<b>Accessible:</b>	2 of 3	<span>🔄</span>	<b>moderate</b>
<b>Interoperable:</b>	1 of 4	<span>🔄</span>	<b>initial</b>
<b>Reusable:</b>	4 of 10	<span>🔄</span>	<b>moderate</b>

<https://cherry.chem.bg.ac.rs/handle/123456789/4868>

FsF-11-01M - Metadata is represented using a formal knowledge representation language.

<b>FAIR level:</b>	0 of 3	<b>incomplete</b>																
<b>Score:</b>	0 of 2																	
<b>Output:</b>	[ ]																	
<b>Metric tests:</b>	<table border="1"> <thead> <tr> <th>Test:</th> <th>Test name:</th> <th>Score:</th> <th>Maturity:</th> <th>Result:</th> </tr> </thead> <tbody> <tr> <td><b>FsF-11-01M-1</b></td> <td>Parsable, structured metadata (JSON-LD, RDFa) is embedded in the landing page XHTML/HTML code</td> <td></td> <td></td> <td><span>?</span></td> </tr> <tr> <td><b>FsF-11-01M-2</b></td> <td>Parsable, graph data (RDF, JSON-LD) is accessible through content negotiation, typed links or sparql endpoint</td> <td></td> <td></td> <td><span>?</span></td> </tr> </tbody> </table>	Test:	Test name:	Score:	Maturity:	Result:	<b>FsF-11-01M-1</b>	Parsable, structured metadata (JSON-LD, RDFa) is embedded in the landing page XHTML/HTML code			<span>?</span>	<b>FsF-11-01M-2</b>	Parsable, graph data (RDF, JSON-LD) is accessible through content negotiation, typed links or sparql endpoint			<span>?</span>		
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FsF-11-02M - Metadata uses semantic resources

<b>FAIR level:</b>	1 of 3	<b>initial</b>															
<b>Score:</b>	0 of 1																
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