

# Alternative Funding Model for [the improvement of] OA Publishing [in Croatia]

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The authenticated collection of authors ORCID iDs is implemented on the HRČAK portal. The HRČAK portal will send emails to authors that will guide them through the process of linking their paper to their ORCID profile ([more details](#)).

Hrčak is the central portal of Croatian scientific journals. Hrčak offers the access to the journals following the Open Access Initiative ([more about Hrčak](#) in Croatian only).

About Hrčak (in Croatian only)

- [for end users.](#)

**Hrčak stats:**

Journals: 429

Published issues: 12.666

Published articles: 161.134

Published articles with full text: 155.602

**Journals: 429**

**Issues: 12.666**

**Articles with full text: 155.602**

**10 newest issues online by publish date**

- [1. Nursing journal, 22\(1\), 2017](#)
- [2. EIZ Working Papers, \(2\), 2017](#)
- [3. Technical gazette, 24\(2\), 2017](#)

**10 latest issues online published on Hrčak**

- [1. Agronomy journal, 15\(9-10\), 1965](#)
- [2. Agronomy journal, 38\(7-9\), 1976](#)
- [3. Journal of Communications Software and Systems,](#)

[Contact](#)**Article search**[search](#)[Advanced search](#)[Search instructions](#)**My profile**[Register](#)

Username (email)

hrcak1

Password

.....

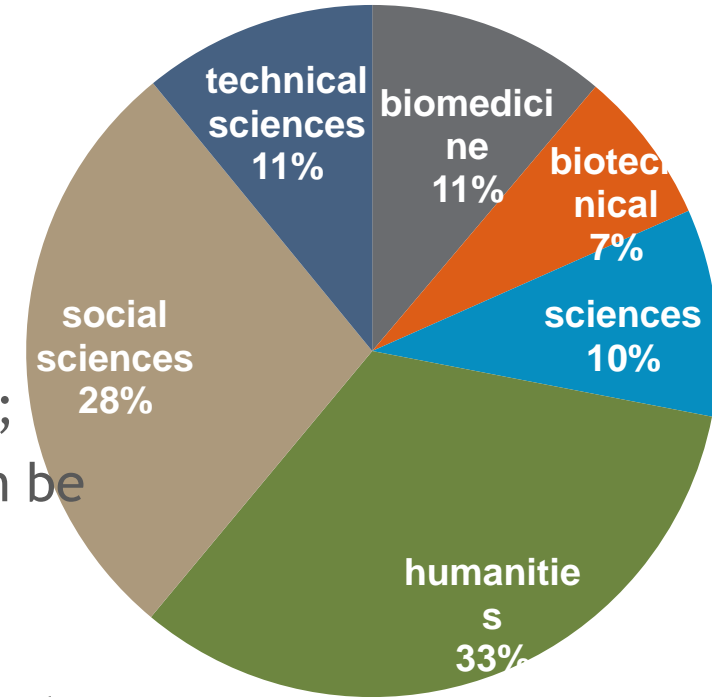
[login](#)

# Croatian journals

- >450 scholarly, professional and popular journals
- 175 subsidized in 2016 by the Ministry of science and education (7800 € average funding per year)
- 138 indexed by Scopus (active)
- 74 indexed by WoS CC (including ESCI)
- >50% from SSH
- one APC based publisher (excluded from this survey)

# Importance

- Protect excellence in **locally relevant research** (Leiden Manifesto);
- Development of terminology in **Croatian language**; the content can be spread to a wider local community - no language barriers;
- Close **editorial guidance** of young researchers;
- Development of **editorial and publishing skills** in digital environment;
- Bridging the gap between **science and application** inside community;
- Development of the **research and academic culture** - ethical issues and scientific integrity;
- Building the **reputation** of the locally scientific community;
- **No cost** of publishing (for authors) compared with high Article Processing Charges (APC) journals;
- **Easy access** to the research results for the community.



# Planned activities

- 1) **XML** versions of the articles
- 2) Collect, store and publish author's **ORCIDs**
- 3) **Funder/project** information (beyond EC projects)
- 4) Delivery of **article-level information** to the DOAJ via DOAJ XML and DOAJ API
- 5) Support **data citation** in the metadata using JATS
- 6) Advanced search features (**faceted search**)

# XML versions of the articles

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0" encoding="UTF-8" standalone="no" ?>
<article xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:mml="http://www.w3.org/1998/Math/MathML" article-type="research-article" dtd-version="1.0" xml:lang="en">
```

mapping of JATS XML  
schema to Hrčak  
4 journals selected

167 XML articles  
published  
11 in preparation



Workshops:  
two workshops  
organized, two in  
preparation

```
<front>
  <journal-meta>
    <journal-id journal-id-type="publisher-id">FTB</journal-id>
    <journal-id journal-id-type="pissn">1330-9862</journal-id>
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      <journal-title>Food Technology and Biotechnology</journal-title>
      <abbrev-journal-title abbrev-type="publ">Food Technol. Biotechnol.</abbrev-journal-title>
    </journal-title-group>
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    <issn pub-type="epub">1330-9862</issn>
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    </publisher>
  </journal-meta>
  <article-meta>
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    <article-id pub-id-type="doi">10.17113/ftb.52.04.14.3794</article-id>
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      </subj-group>
    </article-categories>
    <title-group>
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        ssp.
        <italic>lactis</italic>
        as Potential Functional Starter Culture
      </article-title>
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          <given-names>Jadranka</given-names>
        </name>
      </contrib>
      <contrib contrib-type="author">
        <name>
          <surname>Frece</surname>
          <given-names>Jadranka</given-names>
        </name>
      </contrib>
    </contrib-group>
  </article-meta>
</front>
```

## Biochemia medica : Biochemia medica, Vol.27 No.1 February 2017.

Original scientific paper  
DOI: 10.11613/BM.2017.016

### Evaluating performance in sweat testing in medical biochemistry laboratories in Croatia

**Merica Aralica** ; Clinical Institute of Laboratory Diagnostics, University Hospital Centre Rijeka, Rijeka, Croatia  
**Jasna Lenicek Krljeza**  [orcid.org/0000-0002-2554-4034](https://orcid.org/0000-0002-2554-4034) ; Department of Laboratory Diagnostics, Children's Hospital Zagreb, Zagreb, Croatia 

Fulltext: english, pdf (127 KB)

pages 122-130

downloads: 6\*

[cite](#)

[Paper in XML format](#)

#### Abstracts

**Introduction:** Sweat test has a diagnostic role in evaluation of cystic fibrosis. Its performance includes sweat stimulation, collection and analysis. All listed may be sources of inconsistencies in everyday practice. The aim of this study was an evaluation of external quality assessment (EQA) of sweat chloride measurement including sweat test performance in medical biochemistry laboratories in Croatia.

On the road towards the sustainable Open Access publishing market, FP7 post grant Open Access pilot closing workshop, Hague, Netherland, 20 April 2017





# ORCID in Hrčak

Biochemia medica : Biochemia medica February 2017.

Original scientific paper  
DOI: 10.11613/BM.2017.010

Evaluating performance of sweat testing in medical biochemistry laboratories in Croatia

Merica Aralica, Clinical Institute of Laboratory Diagnostics, University Hospital Centre Zagreb, Rijeka, Croatia  
Jasna Lenicek Krleza  [orcid.org/0000-0002-2554-4034](https://orcid.org/0000-0002-2554-4034); Department of Laboratory Diagnostics,  
Children's Hospital Zagreb, Zagreb, Croatia 

Fulltext: english, pdf (127 KB)

pages 122-130

download

Paper in XML format

6.989 unique  
ORCID related with  
16.253 papers

13.983 papers have  
at least one author  
with ORCID

4.584 e-mail  
addresses collected

## Abstracts

Introduction: Sweat test has a diagnostic role in evaluation of cystic fibrosis. Its performance includes sweat stimulation, collection and analysis. All listed may be sources of inconsistencies in everyday practice. The aim of this study was an evaluation of external quality assessment (EQA) of sweat chloride measurement including sweat test performance in medical biochemistry laboratories in Croatia.

# Funder/project information

- to assign the project ID to the bibliographic record was common in Croatia (Croatian Scientific Bibliography CROSBI) but it was introduced in Hrčak in 2015
- OpenAIRE project authority database was used (API)
- Improve collecting and mining funder/project information when the funder/project is not on the authoritative list of projects provided by the OpenAIRE
- at RBI project database (PBD) was created – inclusion of the projects by different local and international funders
- manual entry will be provided too



# Delivery of article-level information to the DOAJ

**DOAJ** DIRECTORY OF  
OPEN ACCESS  
JOURNALS


*DOAJ XML and DOAJ API*


Search Browse Subjects Apply News About For Publishers API Log in


share | embed 10 order by ... relevance Country of publisher croatia

Journals vs Articles: Journals ✕

1 – 10 of 66

 **Arhiv za Higijenu Rada i Toksikologiju**  
Archives of Industrial Hygiene and Toxicology  
ISSN: 1848-6312 (Online)  
<http://www.degruyter.com/view/j/aiht>  
Blind peer review  
**Subject:** Medicine: Public aspects of medicine: Toxicology. Poisons  
**Date added to DOAJ:** 24 Apr 2007

 **Acta Adriatica**  
ISSN: 0001-5113 (Print); 1846-0453 (Online)  
<http://jadran.izor.hr/acta/eng/>  
**Subject:** Geography. Anthropology. Recreation: Oceanography  
**Date added to DOAJ:** 17 Nov 2006

 **Prolegomena**  
ISSN: 1333-4395 (Print); 1846-0593 (Online)  
<http://hrcak.srce.hr/prolegomena?lang=en>  
**Subject:** Philosophy. Psychology. Religion: Philosophy (General)  
**Date added to DOAJ:** 7 Jun 2006

– Journals vs Articles

Journals ✕

+ Subject

+ Article processing charges (APCs)

+ DOAJ Seal

+ Journal license

+ Publisher

+ Country of publisher

+ Full Text language

+ Peer review

+ Date added to DOAJ

Number of papers  
added to DOAJ via  
DOAJ API: **1645**

...in less than a month

# Advanced search

## Science area / field:

Natural Sciences  
 Mathematics  
 Physics  
 Geology  
 Chemistry  
 Biology  
 Geophysics  
 Interdisciplinary Natural Sciences  
 Technical Sciences  
 Architecture and Urbanism

## Year:

1870 ▼ - 2017 ▼

## Operator

## Search field

## Search terms

Operator	Search field	Search terms
	Subject search (Title, auth ▼)	
and ▼	... ▼	
and ▼	... ▼	
and ▼	... ▼	

E.g., child\* (child, children...) AND vaccin\* (vaccinate, vaccine, vaccination...) AND "infantile paralysis" AND NOT tetanus

## Article language:

croatian  
 english  
 french  
 german  
 russian  
 italian  
 spanish  
 latin  
 portugese  
 slovenian

715.602 searches  
from 19 January  
2017

## Type:

- ☐ Original scientific paper
 ☐ Review article
 ☐ Short communication, Note  
☐ Preliminary communication
 ☐ Professional paper
 ☐ Conference paper
 ☐ Meeting abstract  
☐ Letter to the Editor
 ☐ Book Review
 ☐ Editorial
 ☐ Biography
 ☐ Bibliography
 ☐ Essays  
☐ News
 ☐ Reminiscences
 ☐ In memoriam, Obituary
 ☐ Erratum
 ☐ Acknowledgement  
☐ Index
 ☐ Other

# What do we expect from the future?

- more support for the small scientific communities/countries
- avoiding to equalize „gold OA journals” and „APC based journals”
- starting to ask right questions – how we can make publications more re-usable?
  - shift from paper-centric publishing
  - investments in OA publishing must be justified
  - charging APC & no subscription – only two conditions
    - for the price of 14 APCs we manage to improve OA publishing in Croatia – opening door to different levels of interoperability and usage of research results

# Acknowledgment

- Hrčak team at University of Zagreb Computing Centre Srce
- Hrčak Advisory Board
- RBI team (project database)