

Visibility and (alt)metrics of the Croatian Open Access (OA) journals

Jadranka Stojanovski

University of Zadar / Ruđer Bošković Institute

Croatia

Croatia

4.5M population

11k scholars

7 universities, 25 research
institutes

Ministry of Science, Education
and Sports

2120 research projects

25k papers per year

1300 islands



Journals

fee and free journals

„fee“ and „free“ journals

„open access journal“ as a synonym for APC model

journals - not „real“ journals, more portals

very prominent journals = high JIF journals = very for-profit journals

„international journals“ and „local journals“

„regional journals“

journal as an old concept from the printed world

journal as a main channel of scholarly communication

journals slowing down a development?, not implementing IT advantages and possibilities, or at very slow pace

Why are Croatian journals important?

communication of science in Croatia
research topics of local or national
interest

Croatian language

development of skills and competences: editing,
publishing and writing (& citing)

need to get/raise credibility

- promotion of Croatian research
- raising awareness about importance of science in the decision processes



Questions?

are local (regional) journals a priori low quality journals?

what makes a journal international and high quality?

what is the role of local journals?

what can be done to improve their **visibility, readability, citeability, impact**

is the predominantly used metrics (JIF) fair enough?

what can we do to improve the quality of Croatian journals?

HRČAK

goals

history

2002 – few journals online

2005 – HRČAK project
proposal

2006 – HRČAK launching

simple tool to make **online version** of the (printed) journal

single access point for all
Croatian open access journals
(scholarly, professional and
popular science)

metadata and **full-text** articles
repository

data sharing –international
repositories, databases,
archives



Open Access journal portal as a solution for some problems

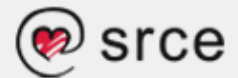
- low visibility
- difficulties with distribution
- small number of subscribers
- low circulation
- insufficient finances
- poor infrastructure (including ICT)
- low readability
- low citation impact
- sometimes not-reliable peer review policies
- lack of interational standards in editorial processes



HRČAK today – <http://hrcak.srce.hr>



Hrcak Portal of scientific journals of Croatia



Home
Journals alphabetically
Journals by scientific areas
Natural sciences
Technical sciences
Biomedicine and health
Biotechnical sciences
Social sciences
Humanities
Journal editors
Visit statistics
Authors
Paper submission

About Hrčak



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 stat:

Journals: 342
Issues: 7938
Articles without full text: 5436
Articles with full text: 99426

This portal is supported by the [Ministry of Science Education and Sports](#), developed and maintained by the [University Computing Centre](#) and was initiated by the [Croatian Information and Documentation Society](#).



Article search

search ▶

[Advanced search](#)

[Search instructions](#)

My profile

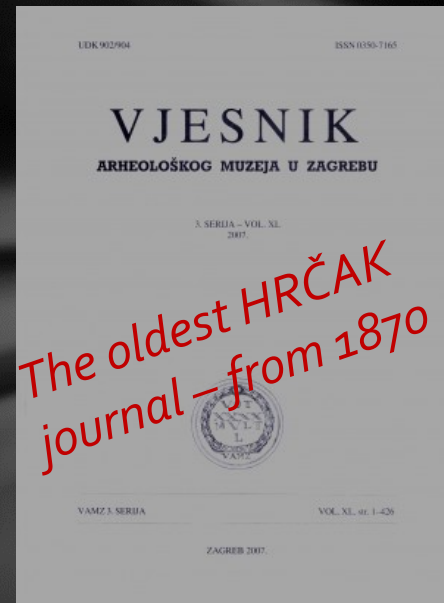
[Register](#)

Username (email)

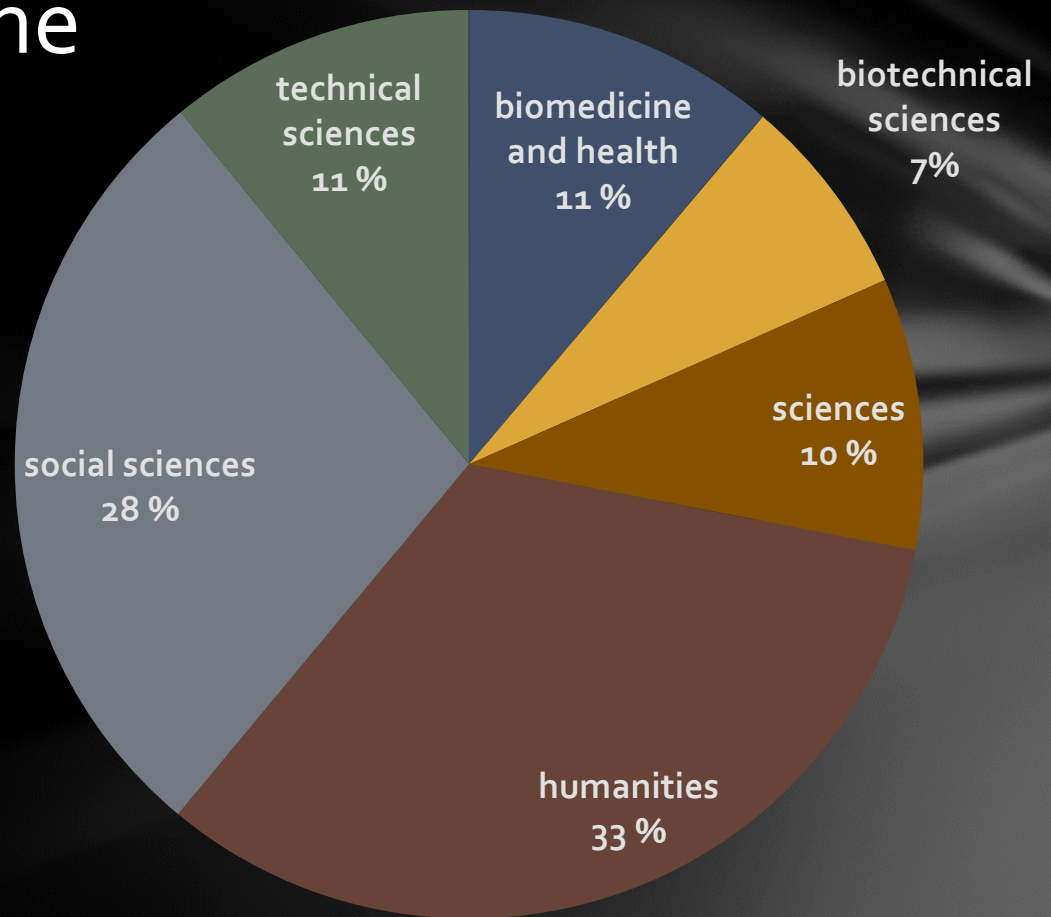
- improved communication between editorials
- education

Top ten journals by content (# of full-text papers):

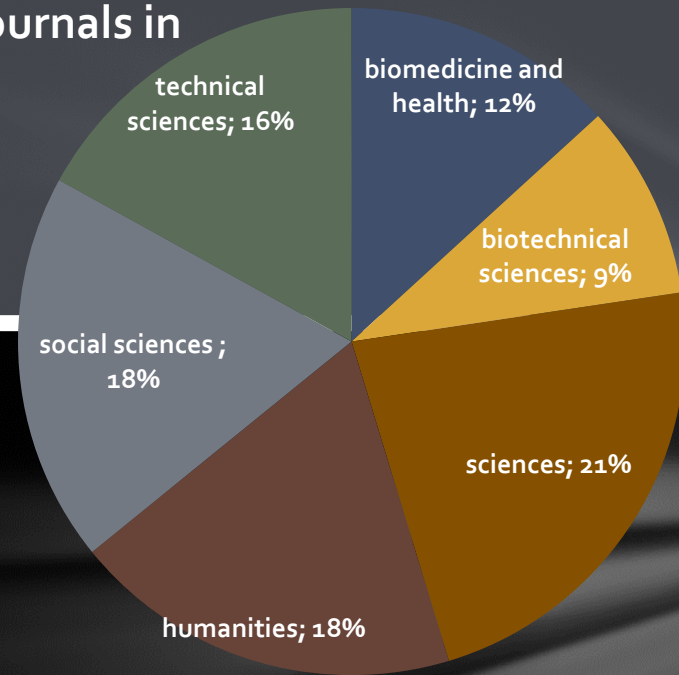
- Theological Review (5964)
- Collegium Antropologicum (2379)
- Folk Art: Croatian Journal of Ethnology and Folklore Research (2305)
 - Acta Clinica Croatica (1796)
 - Dairy Industry (1671)
 - Renewed Life (1595)
 - Journal for General Social Issues (1387)
 - Acta stomatologica Croatica (1366)
 - The Journal of the Institute of Croatian History (1139)
 - Political Thought (1125)



HRČAK journals by discipline



HRCAK journals in WoS



visibility

318 active scholarly, professional and popular OA journals included in HRCAK

100% in Google Scholar (GS)

93 in DOAJ

53 in WoS

106 in Scopus

...

Usage

popularity

high

By humans:

6M visits/year

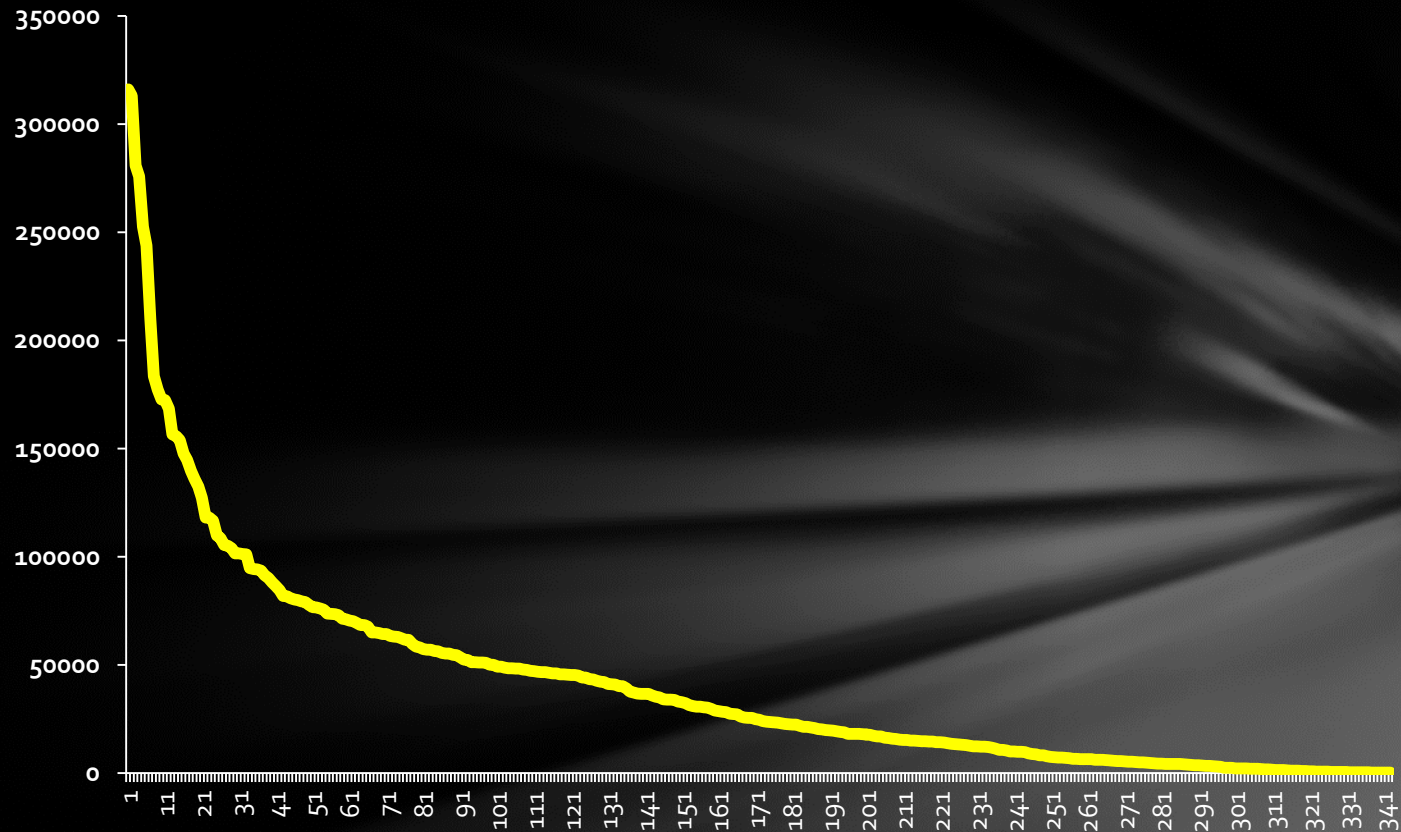
0.5M visits/month

By robots:

4.500 /month

OAI-PMH

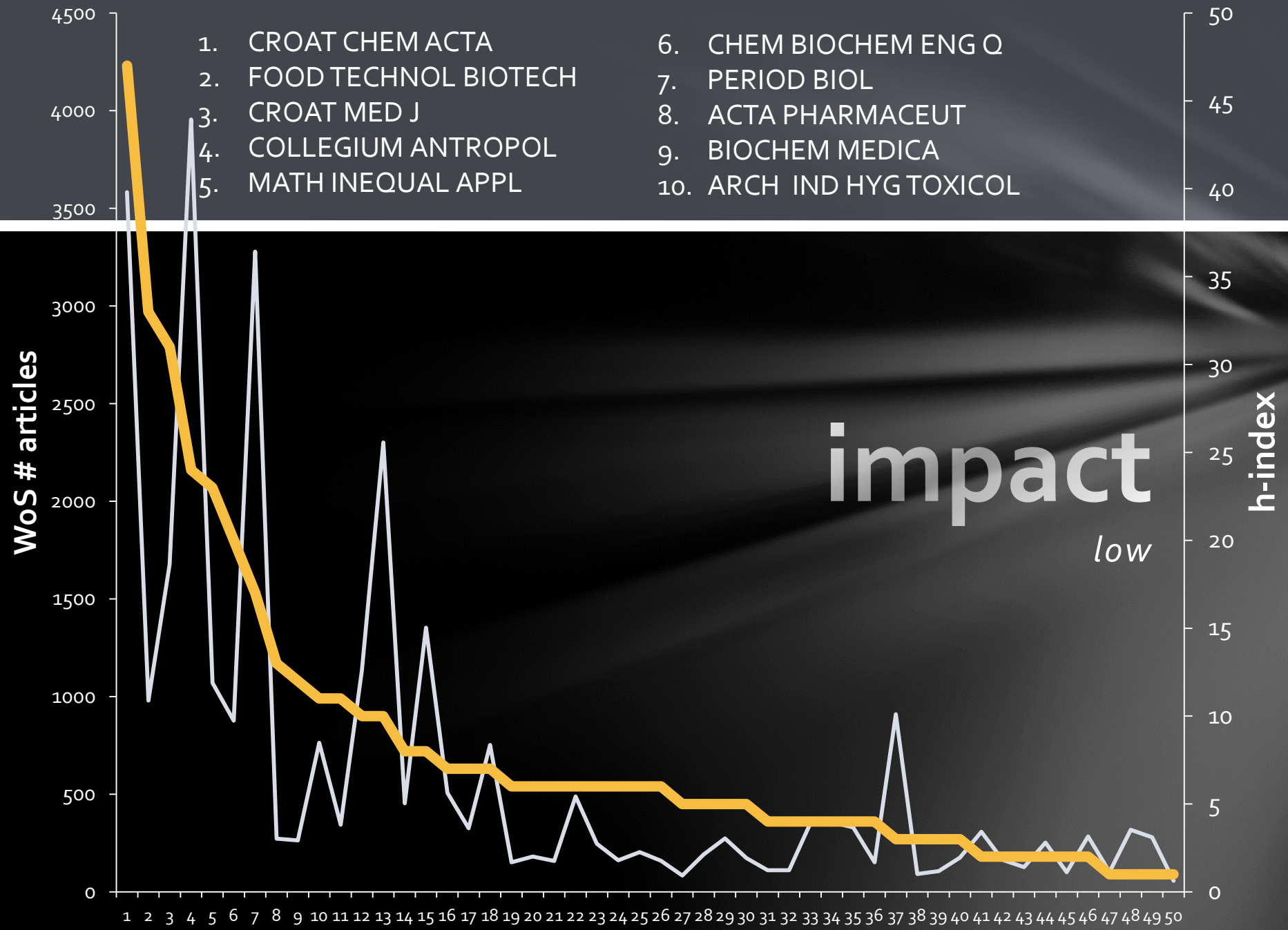
visits+downloads (Oct 2012-Oct2013)



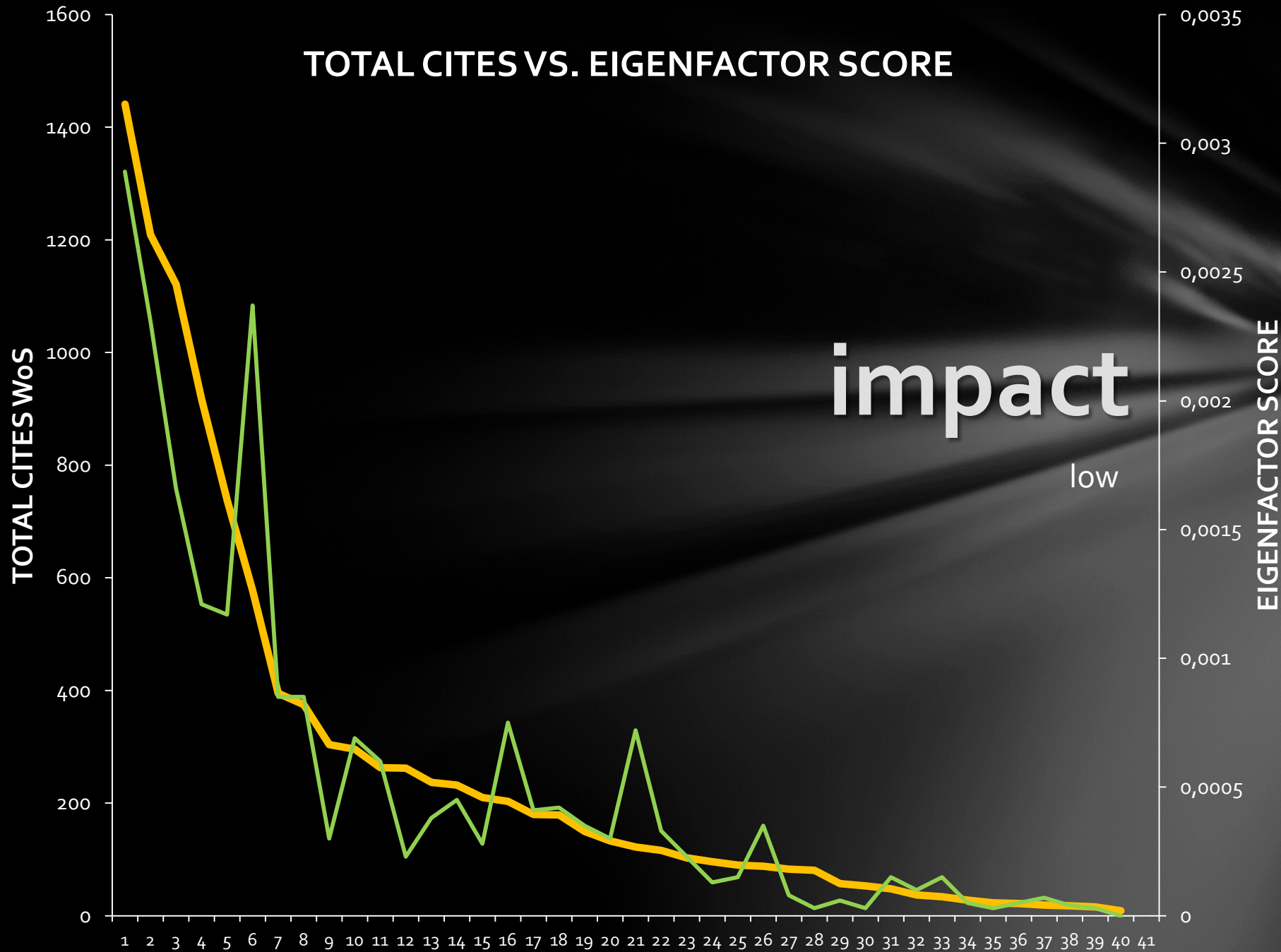
popularity

top visited and downloaded journals
overlap with top HRC AK journals by
content

average article is visited+downloaded 340 times



TOTAL CITES VS. EIGENFACTOR SCORE



JIF, 5-year JIF, SNIP, SJR...

max JIF – 1.873 (medicine)

max 5-year JIF – 1.612 (medicine)

max SNIP – 1.8 (technical sci.)

max SJR – 0.903 (mathematics!)

20 journals

article level metrics

*formal citations doesn't correlate
with number of visits and downloads*

Original scientific paper
10.5559/di.20.1.03



Combining Work and Family Life in Croatia and Their Influence on Fertility

Anđelko AKRAP ; Faculty of Economics and Business, Zagreb ✉
Ivan ČIPIN ; Faculty of Economics and Business, Zagreb

Fulltext: pdf (1 MB), Croatian, Pages 47 - 68 , downloads: 674 *

1 WoS citation

Abstracts

The dual-earner family is increasingly becoming a norm in the majority of developed countries. The aim of this paper is to investigate how developed is the infrastructure for combining family and work and what type of family models are preferred by employed women in Croatia. In the survey, based on a sample of 1309 employed women aged 20-39, different statistical techniques were applied to find their preferred family model and attitudes on women's labor market position. The results show that a large majority of employed women prefer the dual-earner model, where both parents have paid work outside of the household. Moreover, younger generations of women have more liberal views on women's position in the labor market. To increase women's employment and fertility in the same time is no easy task, but experience from countries where high women's employment rate coexists with higher fertility rate show it is not impossible. We conclude that the lack of possibility for part-time work in Croatia imposes a barrier for women who want to combine professional and family responsibilities.

674
downloads

1293 visits

Keywords

fertility; combining professional and family responsibilities; employed women

[\[Croatian\]](#) [\[German\]](#)

Visits: 1.293 *

WHAT IS FACULTY OF 1000?

- An article-by-article review service
- Highlights and recommends the most important articles published in biology and medicine
- Articles selected by our global expert 'Faculty' of the world's most prestigious scientists and clinicians
- Faculty Members and their evaluations are organized into over 40 faculties, which are further subdivided into over 300 sections (specialties)

The logo for Faculty of 1000 is displayed on a red rectangular background. The text "FACULTY of 1000" is written in a white, sans-serif font, with "of" in a smaller, lowercase font. Below this, the words "POST-PUBLICATION PEER REVIEW" are written in a smaller, all-caps, white, sans-serif font.

FACULTY of 1000
POST-PUBLICATION PEER REVIEW



EVALUATIONS

<http://f1000.com/evaluations>

- Browse & Search
- Abstract
- Comments
- Dissents
- Article rankings

The screenshot displays the F1000 website interface. At the top, the F1000 logo and 'FACULTY of 1000 POST-PUBLICATION PEER REVIEW' are visible. The main content area shows an article titled 'Leishmania RNA virus controls the severity of mucocutaneous leishmaniasis.' The article is evaluated by Jan Rehwinkel and Caetano Reis e Sousa on 03 May 2011. The evaluation text states: 'This intriguing study shows that virus infection of the protozoan parasite Leishmania influences innate immune responses in macrophages. Furthermore, the authors suggest that virally infected Leishmania excel in disseminating to nasopharyngeal tissues, causing mucocutaneous leishmaniasis.' The article is rated 8 and is marked as 'Must Read'. A large callout box on the left shows the FFa 21 ranking.





What Faculty members do

Faculty members evaluate ~1-2 papers/month, which they:

- 1. Comment on:** 2-3 sentences
- 2. Rate:** Recommended / Must Read / Exceptional
- 3. Classify:** "Interesting hypotheses", "New finding", "Important confirmation", "Technical advance", "Controversial finding"
- 4. Categorize:** assign all most relevant Sections

evaluation and assessment criteria

no perspective for Croatian journals?

„Wrapping“ is more important than the content

Existing flat indicators (STM) often misused

impact factor

SJR

SNIP

eigenfactor

h-index

article influence

number of citations

number of papers

...

Possible metrics for an article

total number of citations (Google Scholar, Scopus, WoS...) – deduplicated

visits

downloads

comments

bookmarks at social networks, sharing, mentioning

expert's rating, grades, „likes“...

discussions (blogs)

appearance in other media (newspapers...)

Future

Dynamical, multilayer, interactive, multimedia content

„Machine readable“ articles

RDF, linked data

Research data

Different formats (beyond PDF)

Author identification (ORCID?)

Publication identification (DOI? OpenURL?)

everything is in OA

publishers are selling „added value“

Thank you for your attention! 😊

J. Stojanovski – jadranka.stojanovski@irb.hr