



CROATIAN SCIENTIFIC BIBLIOGRAPHY (CROSBI) AS AN EVALUATION TOOL IN THE CROATIAN SCIENTIFIC COMMUNITY

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About me

- MSc Physics, MSc LIS, PhD LIS
- library director at Ruđer Bošković Institute until 2009
- from 2009 Department of information sciences, University of Zadar and RBI
- National Point of Reference (NPR) for Croatia for the area of Open Access to and preservation of scientific information (European Commission)
- NOAD for Croatia in OpenAIRE project
- PEERE, ENRESSH COST Actions

- research interests: scholarly communication and publishing, open science (open access), bibliometrics and altmetrics, data mining and text analysis, information systems

OA in Croatia

- 1997 – first online bibliography with the repository functionalities **CROSBI**
- 2003 – **Who's Who in Science in Croatia**
- 2006 – Croatian OA journals – **HRČAK**
- 2007 – first institutional repositories (ePrints),
- 2008 – **Šestar** – repository of scientific equipment
- 2012 – Croatian Open Access Declaration
- 2013 – partnership in **OpenAIRE**
- 2013 – national mandate for thesis
- 2015 – first institutional mandate at RBI
- 2015 – infrastructure for institutional repositories **DABAR**
- 2017 – **CROSBI new search interface**

The collage displays several key Croatian scientific infrastructure websites:

- Croatian Scientific Bibliography**: Features a navigation menu with 'Home', 'About the project', 'FAQ', and 'Contact'. A sidebar lists 'Browsing', 'Basic search', 'Advanced search', and 'Statistical data'. The main content area is titled 'Browsing papers'.
- Who is Who in Croatian Science**: A project aimed at collecting information about Croatian scientists. It includes a grid of scientist portraits and a text box explaining the project's goals. A date stamp '13.09.2017' is visible.
- hrčak**: Portal of Scientific Journals of the Republic of Croatia. It features a search bar and a navigation menu with 'Home', 'Instruments', 'Advanced search', 'Contact', and 'Hrvatski'.
- Šestar**: Baza podataka instrumenata za znanstvena istraživanja. It includes a search bar and a navigation menu with 'Home', 'Instruments', 'Advanced search', 'Contact', and 'Hrvatski'.
- CROSBI**: Croatian Open Access Institutional Repository. It features a search bar with a 'Search' button and a navigation menu with 'About the project', 'FAQ', 'Contact', 'Statistics', and 'Hrvatski'. Below the search bar, there are buttons for 'NEW PUBLICATION' and 'PUBLICATION CORRECTION'. Statistics are displayed: 170991 Journal articles, 83905 Dissertations and thesis, and 83788 Conference proceedings papers.

Who's Who in Science in Croatia

- collects data about researchers
- comprehensive information including biography, **bibliography (from CROSBI)**, education, employment, advancements, awards, working experience, memberships, research interests, expertise, activities (intramural and extramural), and other skills, hobbies, interests...
- CV on demand
- **Administrative interface:** researchers and librarians as data providers
- **User interface:** searching and browsing possibilities
- scientists in Croatia, as Croatian researchers from abroad
- increased visibility of Croatian researchers and improved communication between them
- improved communication with public – promotion.

The screenshot shows the website 'WHO IS WHO IN CROATIAN SCIENCE'. The navigation menu includes HOME, WHO IS WHO, ABOUT, LINKS, CONTACT, FAQ, and HR. A search bar is present. The profile for Petar Alaupović is displayed, with a sidebar menu containing: Information about the scientist, Basic information, Education, Employment, Teaching, Projects, Memberships, Activities, Awards, Bibliography, Scientific interests, Community work, Languages, Biography, and Personal data. The profile details are as follows:

Petar Alaupović	
Aleksandar Štulhofer	
Scientific area:	Social Sciences
Scientific field:	Sociology
Academic degree:	Prof.
Title:	Full professor
Official address	
Institution:	
Street:	I. Lučića 3
City:	10000 Zagreb
Country:	Hrvatska
Telephone:	
E-mail:	astulhof@ffzg.hr



Mutual Learning Exercise on Open Science, Dubrovnik, Croatia, 12-13 Sept 2017


Šestar

- inventory of the scientific instruments and equipment acquired by public money
- not as a control mechanism, but a cooperation tool
- lack of information about instruments, skilled researchers and technicians, possibilities...
- “new owners” need often help and advice from experienced ones
- possible interoperability between Šestar and CROSKI

Šestar
Baza podataka instrumenata za znanstvena istraživanja

Home Pregled Napredno pretraživanje Kontakt English Login

FTIR-spektrometar Bruker Alpha



Opći podaci o instrumentu

Skraćeni naziv instrumenta	IR-spektrometar
Inventarni broj	39985
Uža područja primjene	anorganska-organska kemija
Sredstva nabave	MZOŠ
Naziv projekta u sklopu kojeg je instrument nabavljen	Višenuklearni metalni sustavi: sinteza i svojstva
Kategorija	silna (do 200 kkn)
Vrsta instrumenta	spektrometar
Vrsta analize	strukturna analiza
Primjene	određivanje strukture
Samostalan/vezan	Samostalan instrument
Funkcionalnost	Potpuno funkcionalan
Procijenjeni broj korisnika	10
Godina proizvodnje	2009

Ustanova i lokacija

Ustanova	Institut Ruđer Bošković Bijanička cesta 54, Zagreb
Zavod	Zavod za kemiju materijala
Laboratorij	Laboratorij za funkcionalne materijale i Laboratorij za kemiju čvrstog stanja i kompleksnih spojeva
Grad	Zagreb
Ulica i broj	Bijanička cesta 54
Kriilo/Kat/Soba	III/prizemlje/106

Uvjeti korištenja

Način korištenja instrumenta	samostalni rad - ovlaštteni korisnici, rad uz pomoć ovlaštenog korisnika, znanstvena suradnja
Znanstvena suradnja	moгуće samostalno korištenje
Je li instrument prenosiv	da
Je li moguće korištenje instrumenta na daljinu (remote)	ne

Kontakt osoba I

Ime i prezime	Marijana Jurić
Titula	Dr. sc.
E-mail	Marijana.Juric@irb.hr
Telefon	+385 1 456 1096
Faks	+385 1 46 80 098

Why Croatian Scientific Bibliography CROSBIB?

- only a part of Croatian scientific output is covered by local bibliographies
- only a part of Croatian scientific output is included in international commercial and non-commercial DB
- beside book, journal articles, dissertations etc. we wanted to include other types of documents like articles-in-print, reports, patents and non-conventional (gray) literature

The screenshot shows the homepage of the Croatian Scientific Bibliography (CROSBIB). The header features the title "Croatian scientific BIBLIOGRAPHY" in a serif font, with a navigation menu including "Home", "About the project", "FAQ", and "Contact". Below the header is a sidebar with a "Browsing" section containing links for "Basic search", "Advanced search", and "Statistical data". Another section, "Other bibliographies", includes links for "Similar projects" and "Catalogues and databases". The main content area is titled "Browsing papers" and displays "Current projects (2007 -):" with a list of categories: "Projects", "Active scientists during the period 2007-...", "Academic and research institutions", "Research fields", "Evaluation groups", "Sorted list of projects within publications research field", "Sorted list of projects within projects research field", and "Statistics by authors in research fields during the period 2007-...". Below this is a "Project period:" filter with radio buttons for "current 2007", "2002-2006", "1996-2002", "1991-1996", and "ALL YEARS". At the bottom, there is a "List of papers by project numbers" section with a radio button for "All years" and two "Specific year" dropdown menus set to "2016".

CROSBİ goals

- current research bibliography
- multidisciplinary, interoperability
- created by researchers – monitored by librarians
- single access point for all research output of a:
 - researcher*
 - research project*
 - institution*
- 4.500 visits /day
- evaluation purposes
- ongoing research projects supported by the main funders (Croatian Science Foundation, European Commission, Ministry of Science and Education...)
- publications by subject fields
- current bibliography at the **institutional, individual and research project level**

Croatian Scientific Bibliography CROSBI



CROSBI

[About the project](#)

[FAQ](#)

[Contact](#)

[Statistics](#)

[Hrvatski](#)

Filter

PAPER TYPE

Conference abstracts (44)

Journal articles

Book reviews

Book chapters

Theses

Dissertations (2)

[more options / values](#)

[Filter](#)

INDEXING

SCIENTIFIC FIELD

PUBLICATION YEAR

Browse by author: **Jadranka Stojanovski** (ID: 184776)

Found 107 publications

Citation: **Harvard**

Publications export

[Report](#)

>500.000 bibliographic records

>20.000 full-text deposited

>30.000 links to the full-text

1. Stojanovski, J. & Marušić, A. (2017) [Does small equal predatory? Analysis of publication charges and transparency of editorial policies in Croatian open access journals.](#) *Biochemia medica*, 27 (2), 292-299. doi:10.11613/BM.2017.032.

[PDF](#)

[doi.org](#)

[www.biochemia-medica.com](#)

[doi](#)

2. Stojanovski, J. (2016) [Scholarly publishing and open science.](#) In: JCEA annual International editorial board meeting 2016. Zagreb, Hrvatska.

[PDF](#)

3. Pejić Bach, M., Stojanovski, J., Pivar, J. & Zoroja, J. (2016) [The development of the information science research in Croatia : Analysis of scientific paper title words.](#) In: *3rd International Conference on the Scholarly Publishing in the Context of Open Scienc (PUBMET2016) : abstracts.* Zadar, Hrvatska.

Article level metrics



[About the project](#)

[FAQ](#)

[Contact](#)

[Statistics](#)

[Hrvatski](#)

Title

Animals in a bacterial world, a new imperative for the life sciences

Authors

McFall-Ngai, Margaret ; Hadfield, Michael G. ; Bosch, Thomas C.G. ; Carey, Hannah V. ; Domazet-Lošo, Tomislav ; ... ; Wernegreen, Jennifer J.

Original

Proceedings of the National Academy of Sciences of the United States of America (0027-8424) **110** (2013), 9; 3229-3236

Type, subtype and category of paper

Journal articles, pregledni rad, scholarly

Keywords

Evolution; bacteria; bacterial roles animal origins; reciprocal effects animal–bacterial genomics; bacteria-driven development; microbiome and host physiology; nested ecosystems

Abstract

In the last two decades, the widespread application of genetic and genomic approaches has revealed a bacterial world astonishing in its ubiquity and diversity. This review examines how a growing knowledge of the vast range of animal-bacterial interactions, whether in shared ecosystems or intimate symbioses, is fundamentally altering our understanding of animal biology. Specifically, we highlight recent technological and intellectual advances that have changed our thinking about five questions: how have bacteria facilitated the origin and evolution of animals ; how do animals and bacteria affect each other's genomes ; how does normal animal development depend on bacterial partners ; how is homeostasis maintained between animals and their symbionts ; and how can ecological approaches deepen our understanding of the multiple levels of animal-bacterial interaction. As answers to these fundamental questions emerge, all biologists will be challenged to broaden their appreciation of these interactions.

[Google Scholar](#)

[www.pnas.org](#)

[doi](#)

Citations

Web of Science Core Collection: [394](#)
Scopus: [472](#)

Altmetric



- News (3)
- Blogs (7)
- Policy documents (1)
- Twitter (63)
- Facebook (2)



Croatian Scientific Bibliography

Surname, Name

Search

by author by institution by title/keywords

Advanced search

NEW PUBLICATION

CORRECTION

162897

Journal articles

80442

Conference proceedings papers

80083

Dissertations and thesis

BROWSE

Browse by **author**

Browse by **institution**

Browse by **project**

Browse by **science area**

Browse by **group**

LATEST ADDITIONS

Feministička kritika liberalizma

Ivoš, Erma

Vrljka ili Vrljika i Matica

Alerić, Danijel

Novo zahlađenje u odnosima članica Europske unije

Mileta, Vlatko

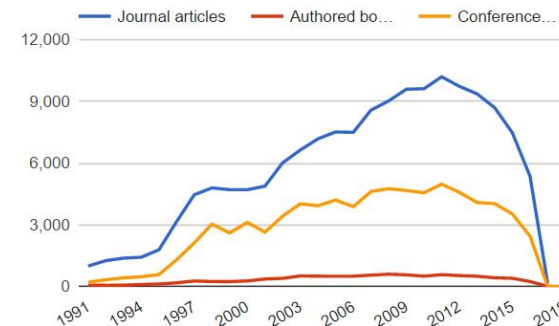
Uvod u proučavanje keramičkih radionica Farosa

Katić, Miroslav

Duhovna baština otoka Korčule (prikaz)

Bačić-Karković, Danijela

STATISTICS



Details

SHORT DEMO

If Internet access is working

New and improved CROSB I features

- improved browse and search options
- control mechanisms at input level
- import at input level (demo)
- implemented data on the indexing in Current Contents and Web of Science (and journal IF) for every journal article since 1998 (Scopus, Medline and other databases soon)
- improved statistical reports (with the number of researchers participating in the project and finances, we could do even better reports)

Evaluation system in Croatia

- category A are peer reviewed papers published in the journals indexed by WoSCC (Web of Science Core Collection) (or Scopus)
- PsycInfo, ProQuest Social Science Premium Collection, SocIndex, Academic Search Complete, Education Research Complete, Inspec, Westlaw, LexisNexis, LISA – Library and Information Science Abstracts
- GEOREF, Current Geographical Publications, Environmental Sciences, GEOBASE, GeoArchive, EBSCO Academic Search Complete, Cab Abstracts i SAGE Urban Studies Abstracts, PsycInfo, EconLit, ProQuest Social Science Premium Collection, SocIndex, Education research Complete, LISA – Library and Information Science Abstracts

Evaluation system in Croatia

“papers must be published in journals with **JIF** above average for the specific subject category”

“at least two-thirds of the papers must be published in the journals listed in **SCIE**”

“paper is rated regarding ratio of the **JIF** and median of the subject category, and the minimal value must be 0.5

“the value of the qualitative criteria Q is calculated as a sum of the ratios of **JIF** and median **JIF** of the subject category, multiplied by the factor F_d of the candidate”

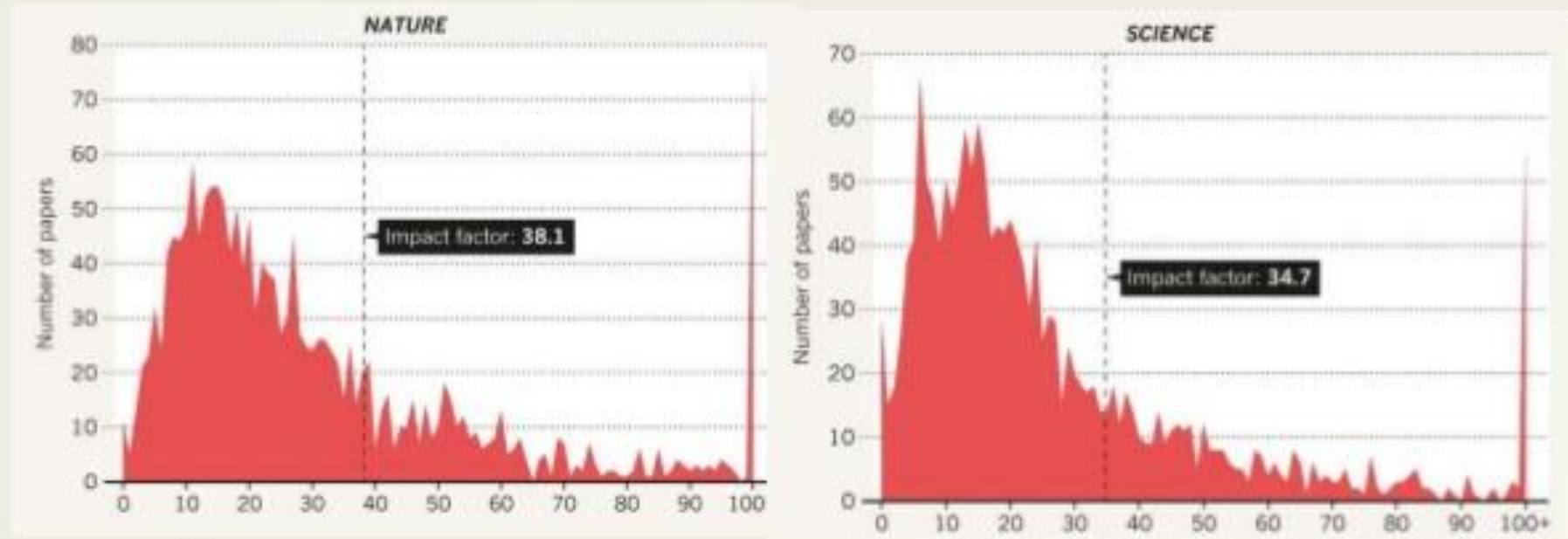
“Example: *Journal of Engineering Mechanics* in 2011 has JIF 0.99, subject category is *Engineering – Mechanical* with median JIF 0.743 ...”

“in the **A1 category** are the papers published in journals with JIF in Q1, Q2, i Q3 of the subject category ...in the **A2 category** are papers from the journals in Q4...”

“in the **A1 category** are the papers published in journals indexed by **Web of Knowledge**...if the **JIF** falls in the first 50% of the subject category...then the paper is counted as two papers”

Impact factor is not an appropriate statistical measure

Because it's a BS statistic



Skew is imposed by a very small number of highly cited papers

<http://biorxiv.org/content/early/2016/07/05/062109>

<http://www.nature.com/news/beat-it-impact-factor-publishing-elite-turns-against-controversial-metric-1.20224>

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 *](#)

Evaluation of the research institution

Papers of the highest category (A1) according The Rules on scientific advancement
Other papers
Total number of citations (without self-citations)
Total h-index (without self-citations)
Authorship of the books published by the international publisher
Authorship of the books published by the Croatian publisher
Book chapters
Edited books
Professional papers
Peer reviewed conference papers
Number of papers in the institution's journal(s) published by employees

Collaboration with the Agency for Science and Higher Education

- extraction of the data from CROSBİ and other databases (projects, etc.)
- defining a set of the unique criteria for the specific research area (discipline)
- improvements of the CROSBİ database structure
- implementation of other indexes (databases)
- administration and monitoring at institutional level
- improvements of the administration interface
- negotiations with Clarivate Analytics and other publishers
- reporting modul
- education



„IF I HAVE SEEN
FURTHER
STANDING ON
THE SHOULDERS
OF GIANTS.”

*Isaac Newton in a letter to Robert Hooke,
1676 (first attribution goes to Bernard of
Chartres, 12th c.)*

Openness

- opening all phases of the research cycle could lead to significant changes and to advance science by **sharing and collaborating** as fast and as well as possible – still not ready
- slowly we are opening the content and processes: Open Access (to the publications), Open data, Open peer-review, Open authorship, Open formats, Open assessment...

OPEN = CHANGE

- **TRANSPARENCY and OPENNESS at all levels (publications, research data, peer review, research assessment...)** is of the crucial importance for the small scientific community

Benefits of open science

- **opening the knowledge base** to all - more researchers can build on it and there is **less duplication of effort**
- **researchers** can reach a **greater audience** and find that their work is more widely read and cited
- **institutions** gain an **enhanced reputation** as their research becomes more visible
- **funders** see a **greater return** on their investment, and publishers find that the impact of their journals increases.

JISC

Future?

- Dynamical, multilayer, interactive, multimedia content
 - „Machine readable” articles
 - RDF, linked data
 - Research data
 - Different, more usable formats (beyond PDF)
 - Author identification (ORCID?)
 - Publication identification (DOI?)
 - everything is in OA
 - publishers are selling „added value”

Thank you for your attention,
comments and questions! 😊

- J. Stojanovski – jadranka.stojanovski@irb.hr

