HRČAK - The National Infrastructure for OA Journals

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Conference presentation / Izlaganje na skupu

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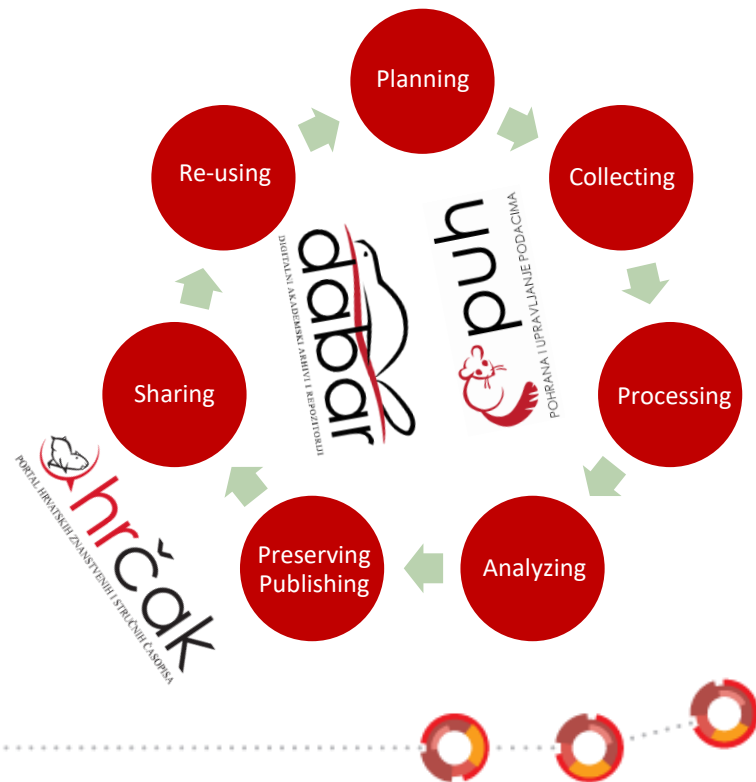# HRČAK – The National Infrastructure for OA Journals

Miroslav Milinović
SRCE – University of Zagreb, University Computing Centre

Library of Science - development of infrastructure and resources for Open Science
Warsaw, Poland - online

June 15, 2021

University Computing Centre, University of Zagreb (SRCE)

- e-infrastructure for HiEd & Research
  - ~ 50 services
  - 2 data centers
  - reliable operations (24/365)
- ICT competence centre
- training & support
- actively supports OA and Open Science
- whole range of services supporting research data life cycle

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HRČAK - Portal of Croatian Scientific and Professional Journals

- initiative of Croatian Information and Documentation Society (HiD)
- developed, maintained and hosted by SRCE
- under the auspices of Ministry of Science and Education (MZO)
- development project in 2004/2005:
  - lead by Srce, interinstitutional team, financed by the MZO
  - with **2 goals**:
    - **encourage editors of Croatian scientific and profesional journals to publish in Open Access**
    - **develop a (common, central) platform that will enable journal editors to publish and end users to browse and search articles on one web site**
  - first version put into production in February 2006
    - traning and support included
    - interoperability (OAI-PMH) from the very begining
    - support for editorial process (OJS) added later

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HRČAK in numbers
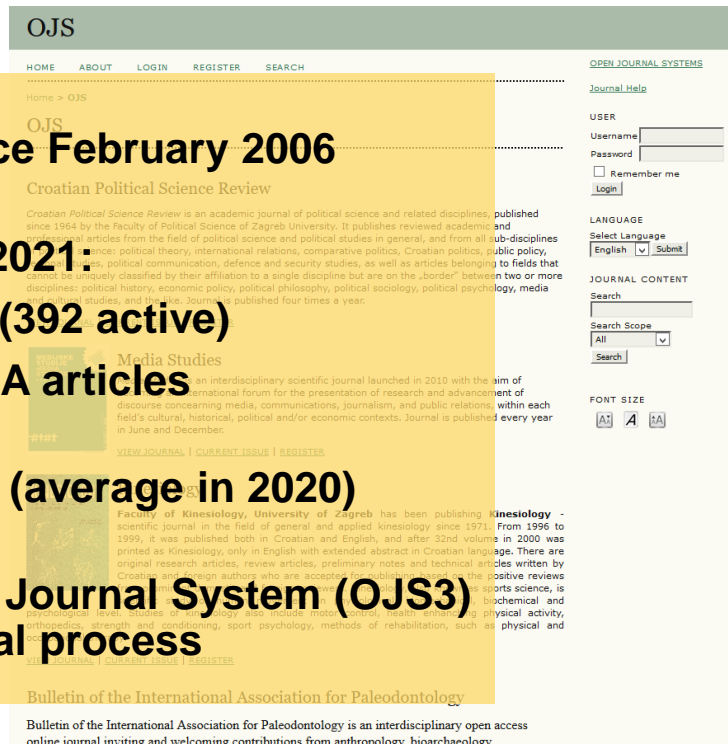

in production since February 2006

June 2021:

504 journals (392 active)

240.000+ OA articles

63.000+ visits daily (average in 2020)

50+ journals using Open Journal System (OJS3) for editorial process

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Service organisation and governance

- clear responsibilities (from the very beginning)
  - Srce is responsible for the portal's overall design, functionality and data security
  - journal editors are responsible for the journals content and the accuracy of data
- Policy (portal rules) – defined by Srce
- clear criteria for journal enrolment
  - publicly available
- Advisory board
  - 9 members: journal editors, experts from research community, librarians, authors
  - advise on policy and enrolment criteria
  - advise on development plans
  - communicate community needs
- training activities & support
  - e-mail contact for editors
  - webinars & workshops for targeted audience
- free service for all (journals and end users)

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Interoperability & visibility

- OAI-PMH, KBART, DOAJ API, HighWire Press…

Interoperability & unique identifiers

- ORCID
  - 19.700+ authors are using their ORCID iDs
  - 50.000+ connections between papers and ORCID

- funder / project information
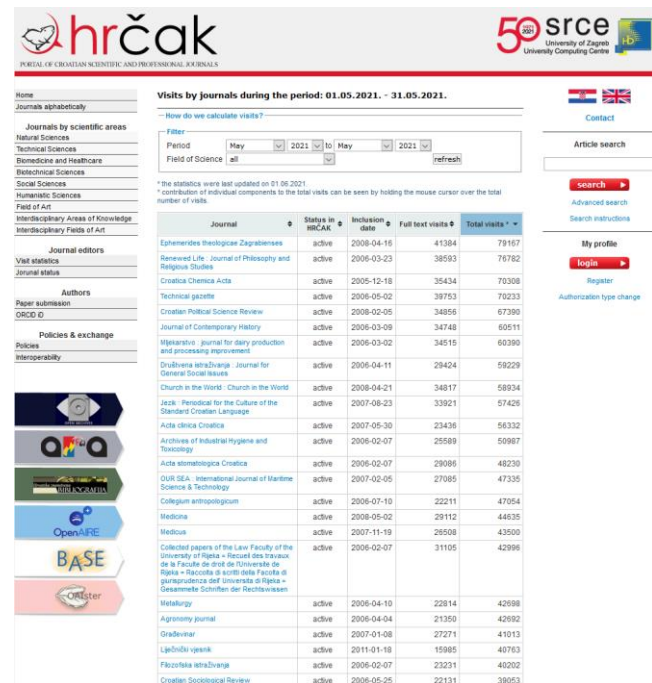 - OpenAIRE (FP7, H2020, WelcomeTrust…)
  - PDB@IRB (MZO, HRZZ)

Usage statistics

- implemented from the very beginning
- continuously improved
- overall and journal specific
  - number of issues, articles
  - journal's activity
  - visits and downloads

Advanced formats

- XML format
  - JATS - Journal Article Tag Suite (NISO standard)
  - content mining
  - format migration
  - presentation (references, tables,…)

  - 38 journals / 205 issues / 2243 articles

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Development: latest result and further plans

- main goals:
  - improve UI/UX
  - easier maintenance and adding of new functionalities
  - enhance interoperability and visibility
- latest result – reimplemented administrators' web interface:
  - visual and logical redesign of the interface
  - responsive design
  - **possibility to link paper with research data (identifier or URL)**
  - **possibility of adding supplements to the paper**
  - interface compliant with accessibility standards
- further plans:
  - reimplement public pages (web interface for end users)
  - add support for conference proceedings (?)

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Thank you!

https://hrcak.srce.hr

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