

Crowdsourcing opportunities for research information systems

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eLibrary - Russian CRIS

Research organisations



Publishers

Entities in the system

- Organisations
- Researchers
- Publications

Data examination in the system

Research organisations



Publishers

Entities in the system

- Organisations
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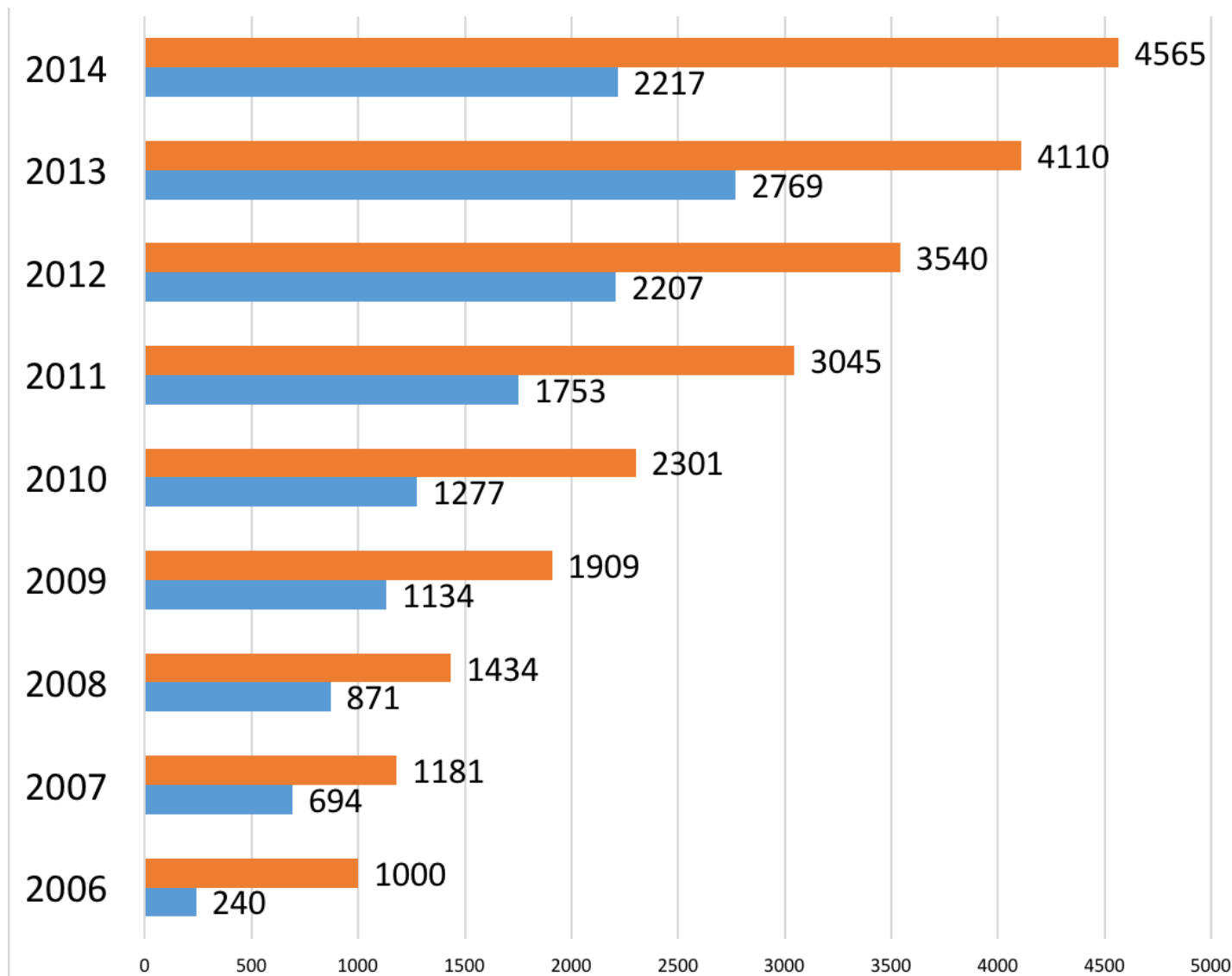
Organisations correct the data

Representatives edit:

- abstracts, keywords
- issue details, article title
- affiliation
- authorship
- list of citations
- classifiers
- link to the full text

As well as add metadata of missing publications

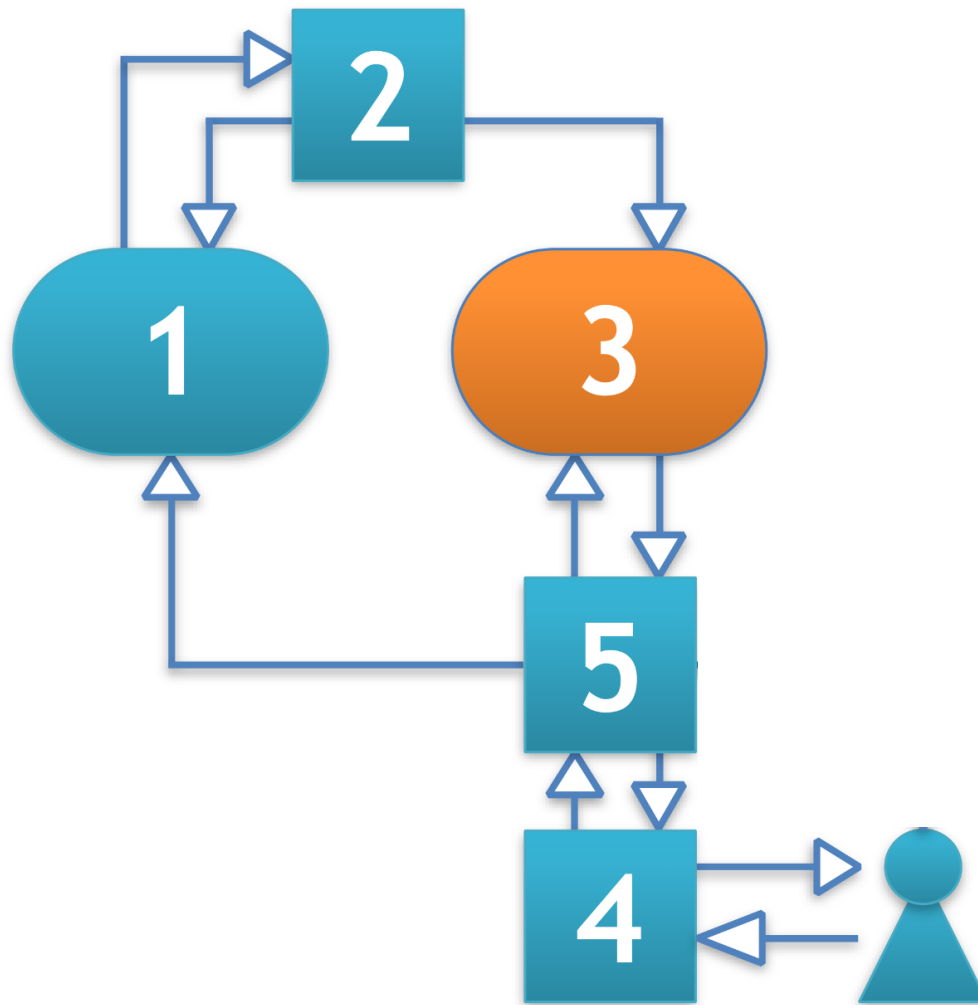
CEMI RAS citation counts in 2015



Suggestions from CEMI experience

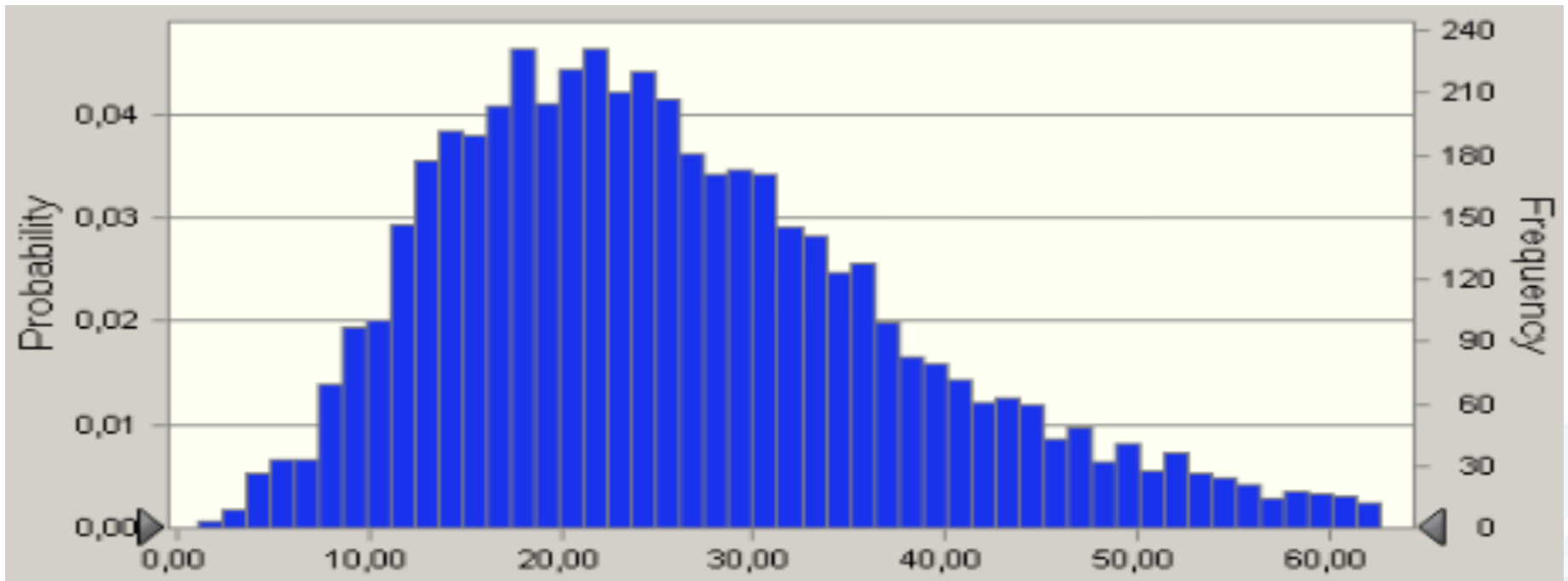
- Manual moderation creates problems
- 7575 new citation links were established for CEMI RAS
- Metadata of 774 publications were corrected
- About 10% of users are interested in manual profile examination

Crowdsourcing opportunity



- 1 - publication database
- 2 - analyzer
- 3 - list of tasks
- 4 - claims interface
- 5 - task allocator

Number of tasks to do

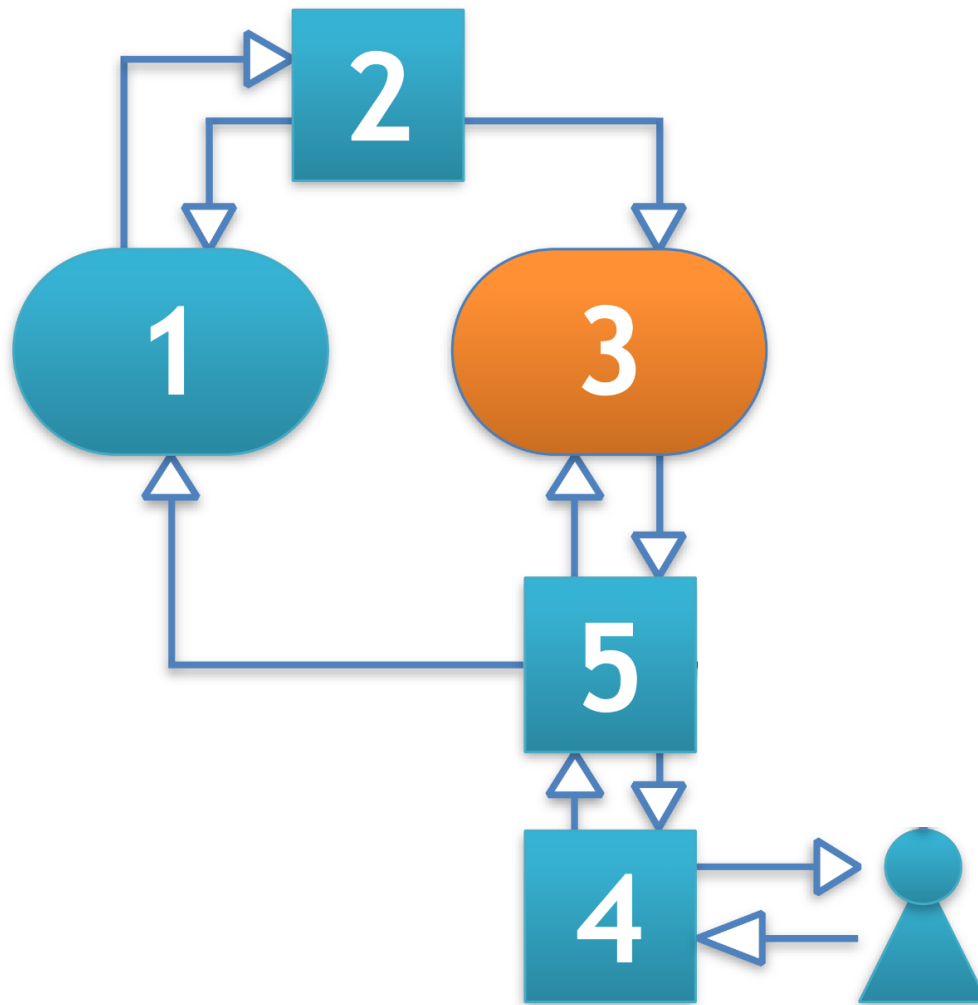


number of revealed citations
number of claimed citations



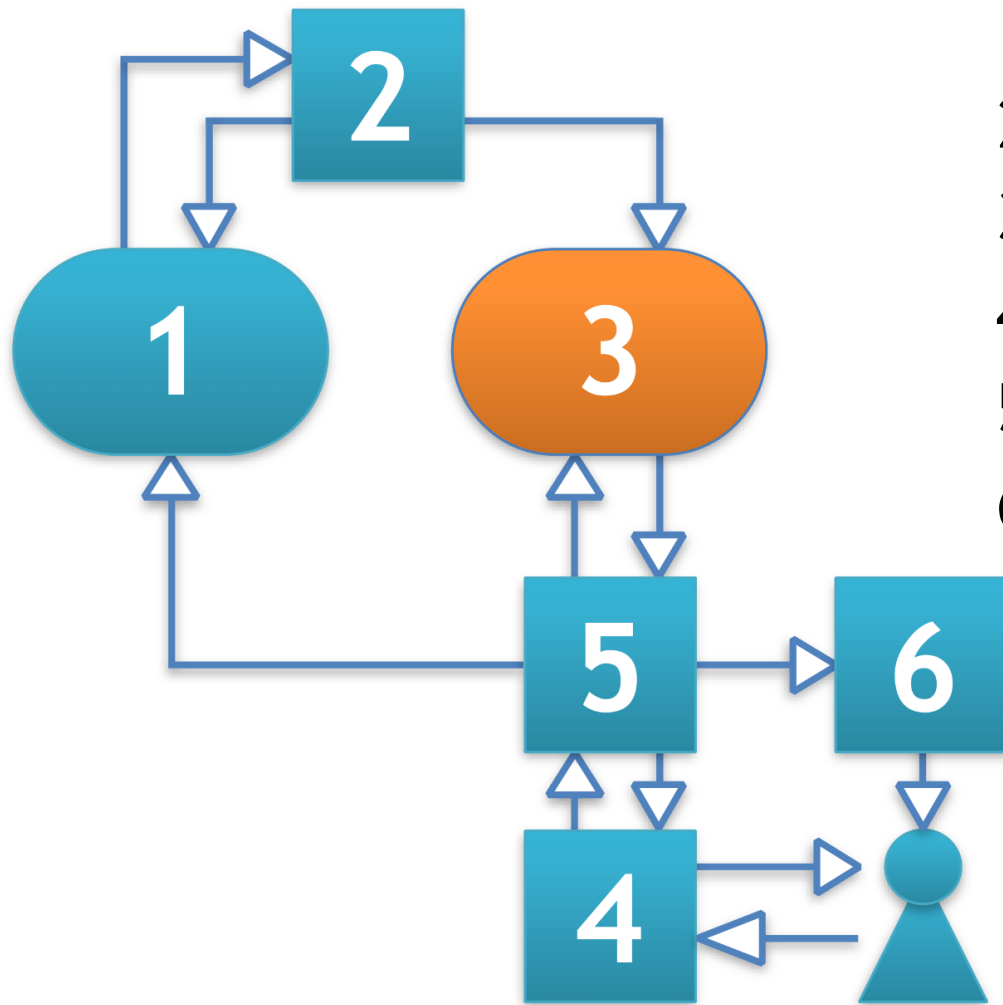
111 examinations
per claim

Crowdsourcing opportunity



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External motivation



- 1 - publication database
- 2 - analyzer
- 3 - list of tasks
- 4 - claims interface
- 5 - task allocator
- 6 - scoring system

Conclusion

- Mechanism is feasible
- External motivation is needed
- Business interests are not disturbed
- 4000 active users could examine 217 mln of citations and 22 mln of publications in less than 6 months