ScienceDirect API program to enhance Institutional Repositories –

Library connect Krakow

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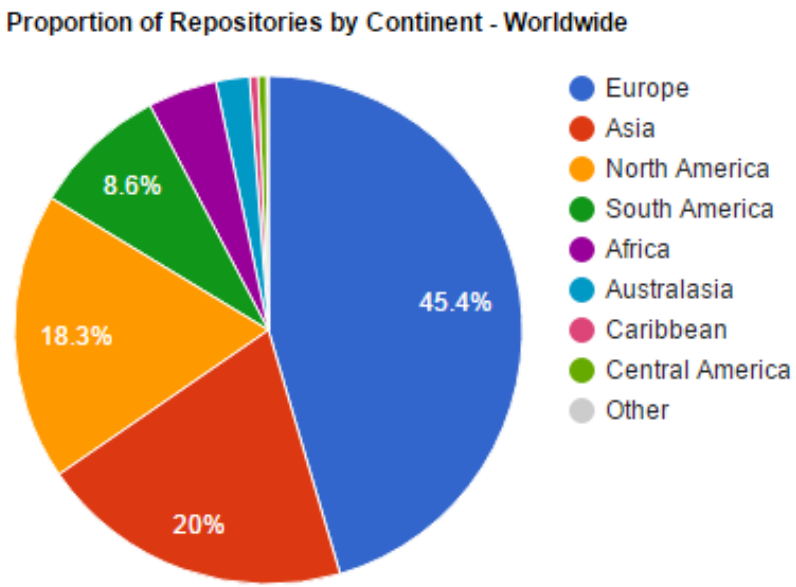
The rise of Institutional Repositories (IR's)

- **Total number increases every year**
- **Will have a significant impact on scholarly communication**
- **Growth is primarily driven by:**
  - Strengthening of national and funder policies that aim to mandate open access (both green and gold)
  - Alignment of repositories with Current Research Information Systems within universities
  - Institutions strive to organize digital resources and use this information to drive strategic decisions



Source: www.opendoar.org

Elsevier's services for Institutional Repositories

Our shared goal institutional repositories is to make research better discoverable. Elsevier works together with IRs to develop the infrastructure and services to help make their job easier.

1. Hosting Policy
2. Resources & Education:
   - Library Connect webinars
   - Whitepapers
   - Resources (building an IR step by step)

Scopus APIs

ScienceDirect APIs

PURE:

Current Research Information Solution: Pure aggregates your organization's research information to provide accurate data that drive your strategic decisions.

SciVal:

Enables you to anayze and visualize your research performance

The benefits of ScienceDirect API services for institutional repositories

For more information on the use case visit:
https://www.elsevier.com/solutions/sciencedirect/support/institutional-repository

Four (4) ScienceDirect APIs to enhance Institutional Repositories

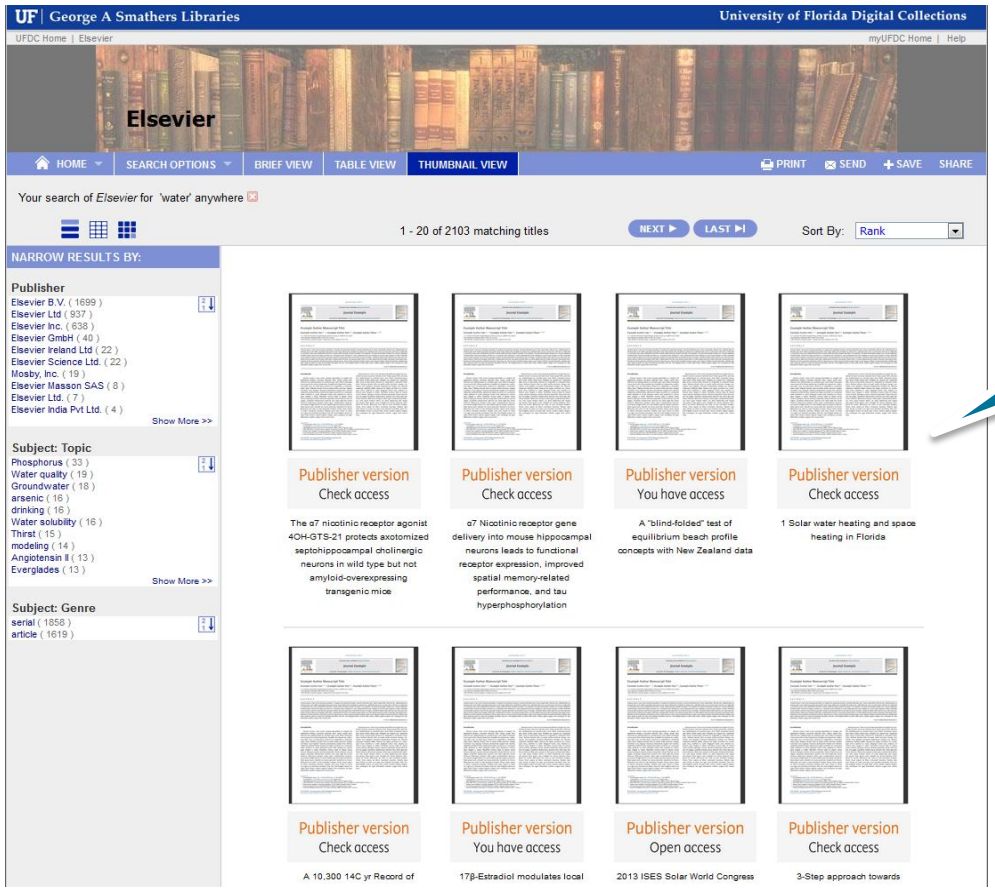
ScienceDirect API	How this program will enhance your IR
1. Search API*	Retrieve metadata and abstracts of articles of your affiliated authors published with Elsevier Journals and create links to article on ScienceDirect or embed final version in your IR
2. Entitlements API**	Indicate to your IR users to the best available version for them: 1. the open access full text article 2. entitled users to the final version on ScienceDirect 3. an accepted manuscript hosted on your IR
3. Hosting permissions API (optional)	Retrieve embargo end dates on the article level to make hosted accepted manuscripts available externally in line with Elseviers' hosting policy
4. Article retrieval API (optional)	Embed the final article in your institutional repository, so users do not leave your IR to find the final version.

Notes:
*Scopus customers can benefit from the IR program in combination with their Scopus metadata
**The ScienceDirect Entitlements API needs to be implemented, to link entitled users to the final version on ScienceDirect or embedded on the IR, as a minimum part of the program.

More information our developers portal:
http://dev.elsevier.com/tecdoc_sd_ir_integration.html

Case study IR@UF: University of Florida's Institutional Repository

ScienceDirect API services provide metadata, abstracts and link visitors to all open access articles and the best available version for other users: the publisher version or a link to the library for ILL options



3 Response types:

1. You have access
2. Check access
3. Open access

Visit IR@UF: http://ufdc.ufl.edu/ir

Case study QSpace: Qatar University's Institutional Repository

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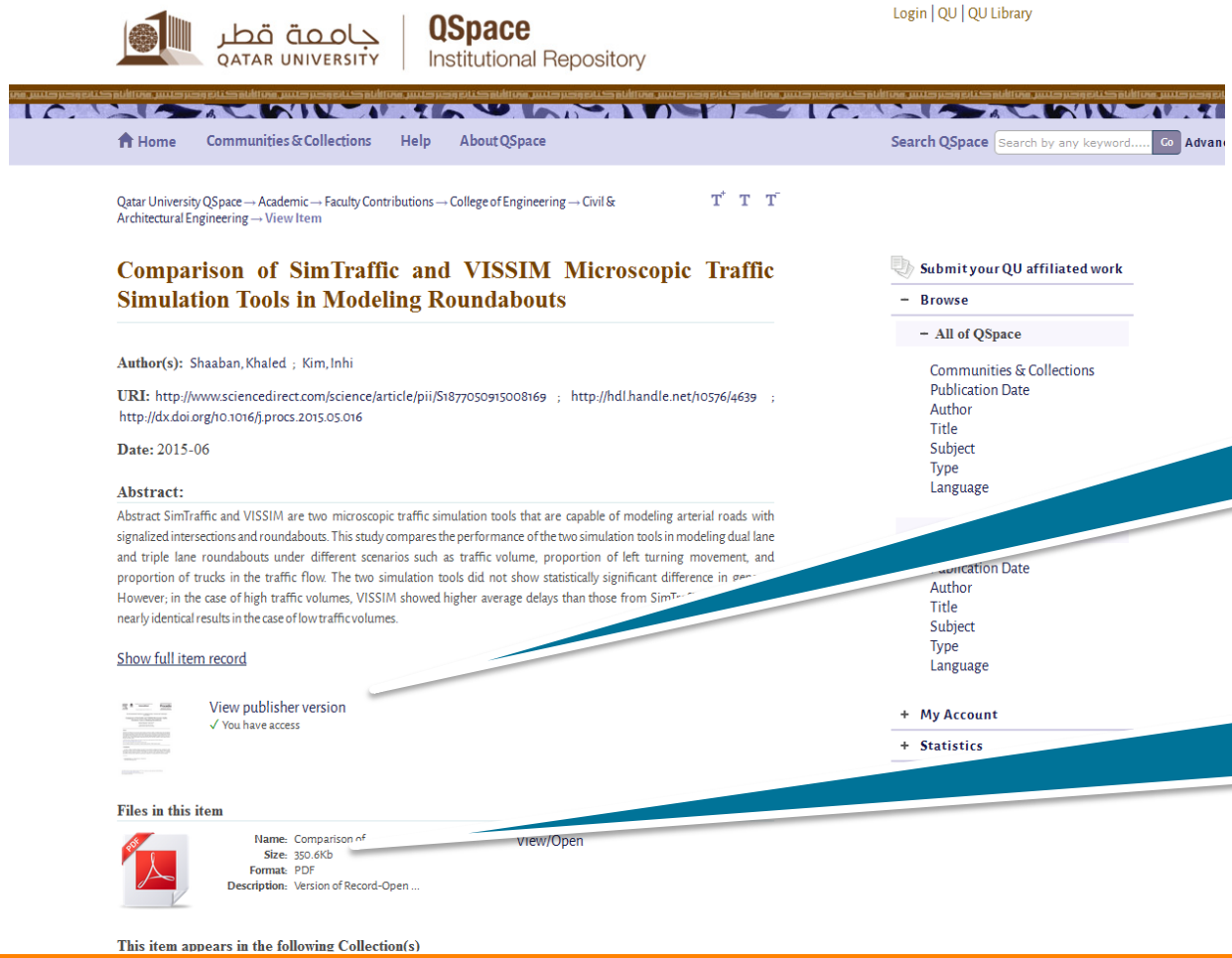


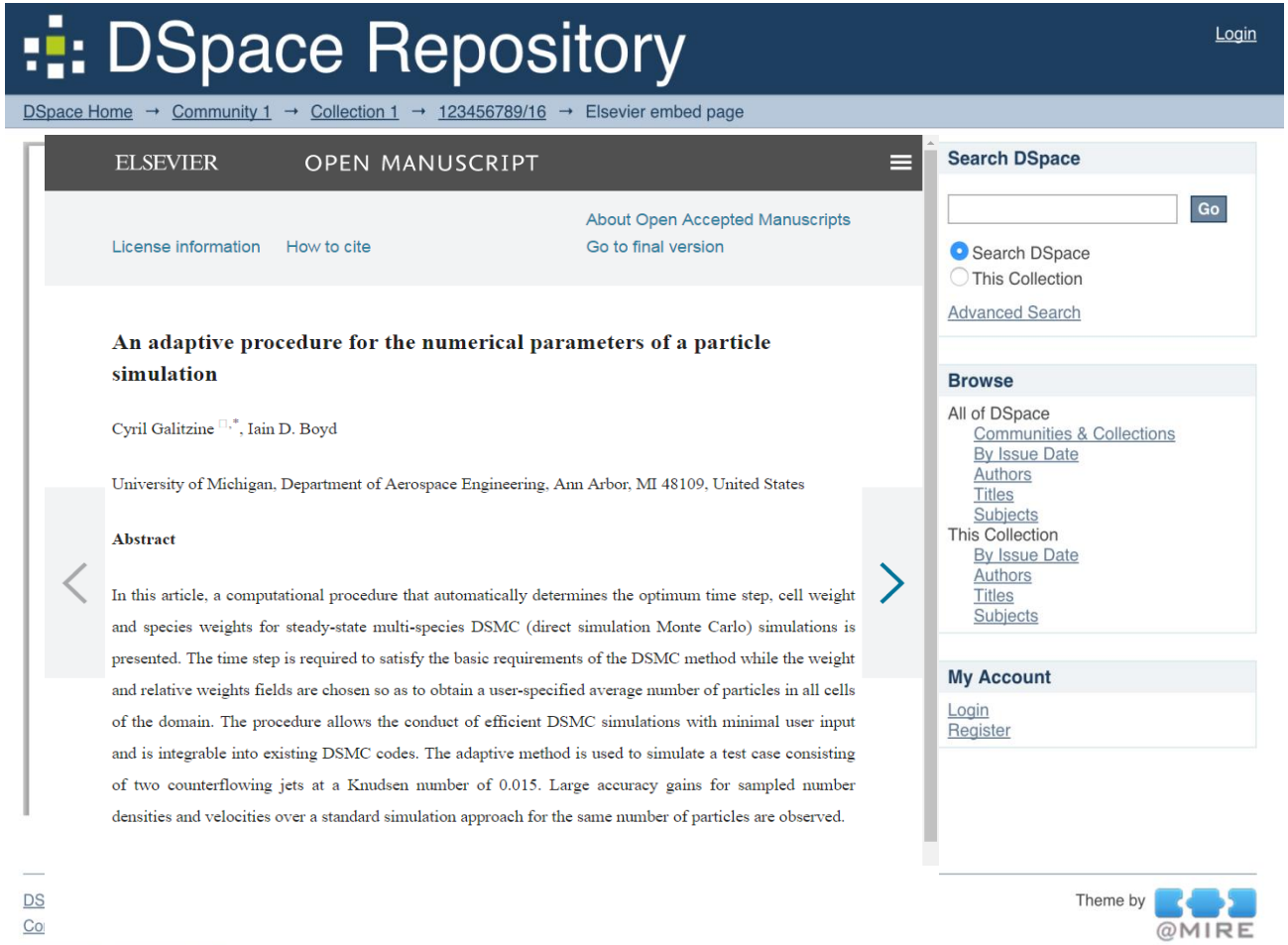
1. Publisher version of the article embedded in the IR

2. Locally hosted manuscript version hosted in the IR

Visit example at Qspace: http://qspace.qu.edu.qa/handle/10576/4639

New pilot: Online reading version of Accepted Manuscripts embedded in Institutional repositories (available from fall 2016)

An online reading version of the author accepted manuscript hosted on a ScienceDirect platform will be embedded for unentitled users after the embargo has ended.



Interested to participate? These are the requirements and next steps:

Prerequisites

- Your institution does not have to subscribe to ScienceDirect or any other Elsevier service to participate in the SD API program;
- There is no cost involved for the institution.

Next steps

1. Register your interest on our webpage: https://www.elsevier.com/solutions/sciencedirect/support/institutional-repository
2. Register for an API key and accept the terms and conditions https://dev.elsevier.com/user/login
3. Develop software in line with the developers instructions that can be found on our developers portal http://dev.elsevier.com/tecdoc_sd_ir_integration.html.

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