

Harry Blom



Trends in Science Publishing

Selected topics

Campinas Apr 2016

SPRINGER NATURE

Metrics and Standards

1.0

Open Researcher and Contributor ID



- First and Foremost – **disambiguation** of author names:

“Of the 6+ million authors in a journal citations and abstracts database ~2/3 share last name and single initial with another author.”


- Offer a complete overview of publications per researcher
- Add an overview of peer review contributions
- Be an up-to-date and vetted author profile with affiliation data
- Ultimately increase accuracy, discoverability and decrease of administrative burdens

Hydrobiologia
DOI 10.1007/s10750-015-2261-x



PRIMARY RESEARCH PAPER

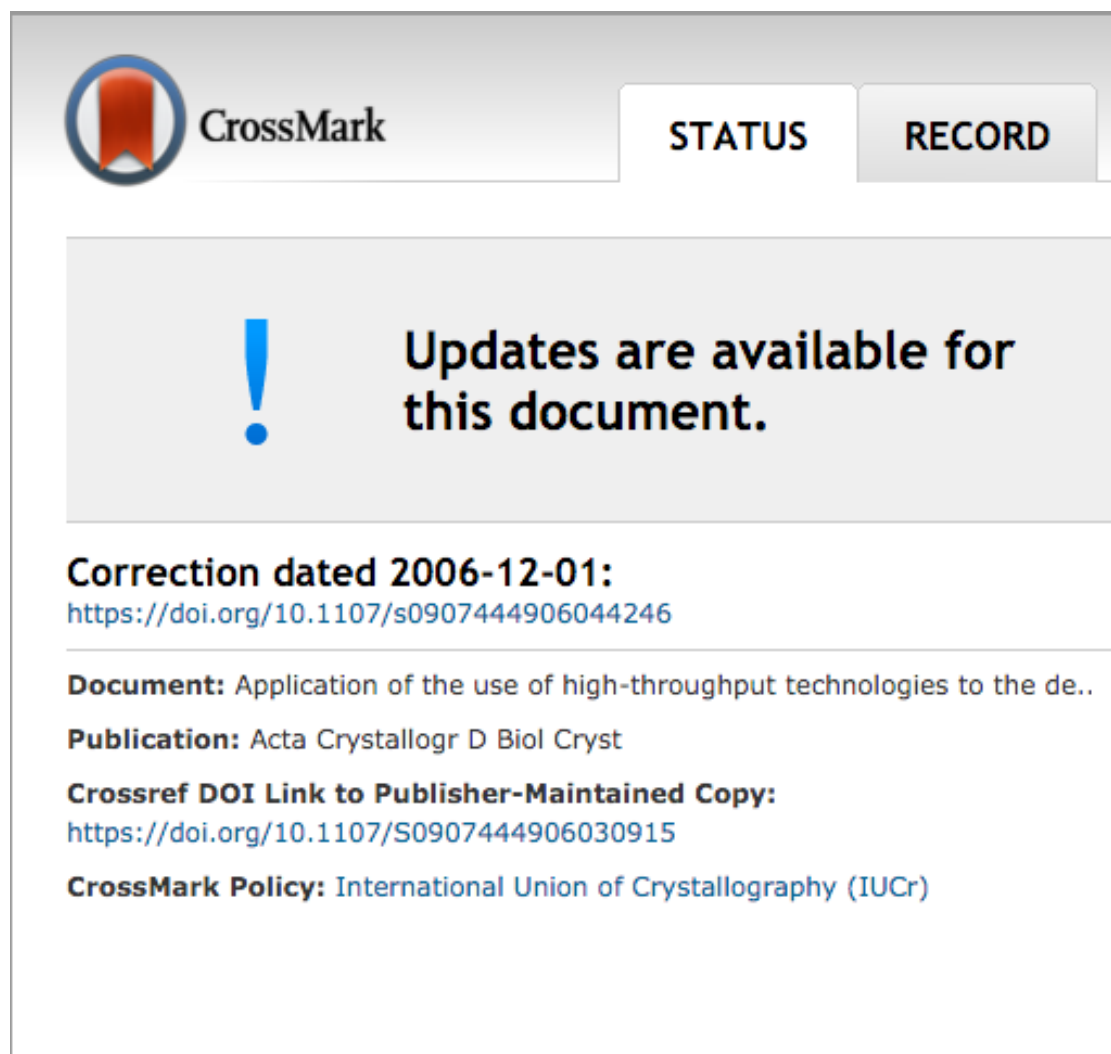
Disparate past demographic histories of three small Scombridae (Actinopterygii) species in Tunisian waters

**Hassen Allaya · Abderraouf Ben Faleh ·
Abdallah Hattour ·
Monia Trabelsi · Jordi Viñas ** ←

New Standard: CrossMark

“house-keeping” after official publication.

Readers simply click on the CrossMark logos on PDF or HTML documents, and a status box tells them if the document is current or if updates are available.




The screenshot shows a CrossMark interface. At the top left is the CrossMark logo (a red bookmark icon in a blue circle) followed by the text "CrossMark". To the right are two buttons: "STATUS" and "RECORD". Below this is a large grey box with a blue exclamation mark icon and the text "Updates are available for this document." Below this box, there is a section titled "Correction dated 2006-12-01:" followed by a blue hyperlink: <https://doi.org/10.1107/s0907444906044246>. Below this is a section titled "Document:" followed by the text "Application of the use of high-throughput technologies to the de..". Below that is a section titled "Publication:" followed by the text "Acta Crystallogr D Biol Cryst". Below that is a section titled "Crossref DOI Link to Publisher-Maintained Copy:" followed by a blue hyperlink: <https://doi.org/10.1107/S0907444906030915>. Below that is a section titled "CrossMark Policy:" followed by the text "International Union of Crystallography (IUCr)".

New Standard: FundRef

Funding Information

Please enter the funder name, grant number and the grant recipient. Authors listed in the dropdown menu were added during the Add/Edit/Remove Authors submission step. Click the '+' icon to add another funder. When you are finished, click the 'Next' button.

Funder Name	Grant Number	Grant Recipient	Action
National Institutes of Health	1234-12389	Mr. Aldous Author ▾	🗑️
Pfizer	43216	Robert Robertson ▾	🗑️
American Diabetes Association	ada124	Leon Leonard ▾	🗑️
		<div style="border: 1px solid black; padding: 2px;"> Mr. Aldous Author Robert Robertson Leon Leonard Not applicable </div>	🗑️ +




FundRef: identifier for funders

Springer has decided to participate in the FundRef initiative, which offers a standard method for reporting funding information. Our submission systems will support the FundRef format.

Supports Science Funders to find the publications which resulted from their funding



CrossMark

STATUS

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Funding for this research was provided by:

National Natural Science Foundation of China

81272470

Journal Level Metrics: show more than the Impact Factor



Obesity Surgery

The Journal of Metabolic Surgery and Allied Care

Editor-in-Chief: Scott **Shikora**

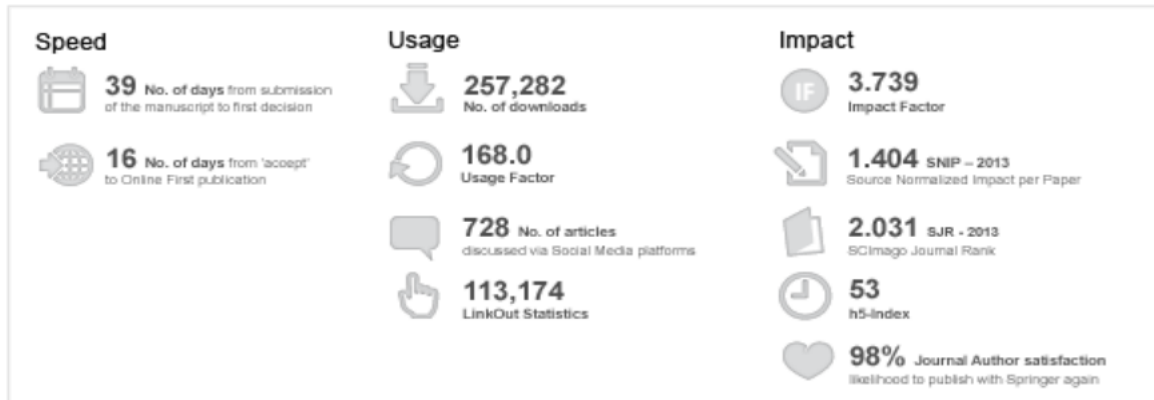
ISSN: 0960-8923 (print version)

ISSN: 1708-0428 (electronic version)

Journal no. 11695



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Journal Level Metrics on Web Sites

Days from submission to 1st Decision
Days from accept to OF Publication

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Impact Factor
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Book and Chapter Level Metrics



Showing Book Performance Data

2014

Open Access

Opening Science

The Evolving Guide on How the Internet is Changing Research, Collaboration and Scholarly Publishing

Editors: Sönke Bartling, Sascha Friesike

ISBN: 978-3-319-00025-1 (Print) 978-3-319-00026-8 (Online)



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OPENING SCIENCE - 2014

EDITORS: Sönke Bartling - Sascha Friesike
ISBN: 9783319000251 - 9783319000268
DOI: 10.1007/978-3-319-00026-8
DISCIPLINES: Computer Science - Engineering
SUBDISCIPLINES: General Issues

VIEW ON PUBLISHER SITE

ALL ACTIVITY FOR BOOK:

Opening Science

CITATIONS 6

MENTIONS 128

READERS 48

DOWNLOADS 145k

REVIEWS 1

CITATIONS SUMMARY

Showing 1-6 of 6 total citations.

2015

Alternative metrics in scientometrics: a meta-analysis of research into three altmetrics

Journal article in Scientometrics

Data journals: A survey

Journal article in Journal of the Association for Information Science and Technology

Perspectives on social media in and as research: A synthetic review

Journal article in International Review of Psychiatry

2014

DataCite and DOI names for research data

Journal article in Journal of Computer-Aided Molecular Design

Opening science: towards an agenda of open science in academia and industry

Journal article in The Journal of Technology Transfer

The relationship between tweets, citations, and article views for PLOS ONE articles

Journal article in Scientometrics

SHOW ACTIVITY FOR:

SUMMARY

Combined activity for all chapters

6 128 48 145k 1

CHAPTER 1

Towards Another Scientific Revolution

1 3 1 7k

CHAPTER 2

Open Science: One Term, Five Schools of Thought

0 0 0 8k

CHAPTER 3

Excellence by Nonsense: The Competition for Publications in Modern Science

0 5 0 8k

CHAPTER 4

Science Caught Flat-Footed: How Academia Struggles with Open Science Communication

0 0 0 5k

CHAPTER 5

0 40 0 8k

Book Metrics

Citations	6
Mentions	128
Readers	48
Reviews	1
Downloads	145K

Provided by Bookmetrix



Article Sharing

2.0

Trend: Rise of Scholarly Collaboration Networks (SCNs)

ResearchGate



ACADEMIA

- Connects millions of researchers
- Allows sharing of articles
- Answers questions
- Provides job information
- Provides citation data

Clear response to a growing need, but it does call into question if the proper article versions are shared and sometimes there are problems with copy rights or embargo's

Other options to access science results without subscription

Pre-print archives and repositories

Fast and legal, not always the right version

Asking a copy from colleagues through email, Twitter, Whatsapp,

Often slower and mostly legal

Piracy: the (in)famous SciHub and LibGen cases

Fast but illegal

Pioneering a Solution

Principles

Make it easy to share subscription articles with colleagues

Make it easy for the interested public and popular media to access subscription articles

Maintain metrics such as usage

Ensure it is the latest version of record

Provide extra functionality such as updates, comments, dialogue: dynamic & interactive

It is not the same and it does not replace Open Access

Tool for streaming Enhanced PDF format =



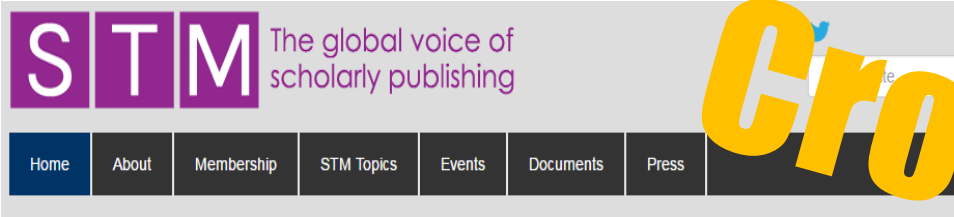
What we will do

Provide authors with shareable links to view-only versions of their peer-reviewed research papers

These links can be posted anywhere, including the SCNs

Media Partners such as *BBC*, *The Economist*, *Wired* and *The New York Times*, as well as many leading science bloggers are also enabled to use this sharing facility

Invite Industry Partners to do this as well



Cross-share?

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STM article sharing principles are a positive step forward.

Article Sharing
...le sharing through scholarly cc
...munity in early 2015. The aim
...ore set of principles that clarify



Let's build on our track record of industry collaboration

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HELLO

Thank You!