ScholarOne Manuscripts

Advancing Intelligent Peer Review

Chris Heid, Sven Molter, & Greg Kloiber
January 2019
Josh Dahl, Head of Publishing & Associations
When IT asked the employee why the password was "Mickey, Minnie, Goofy, Huey, Dewey, Louie, Donald, Sacramento." they explained, "Oh, I was told it had to be seven characters and a capital."
In release 4.24, we will allow users to log in to participating ScholarOne sites using their ORCID credentials.
First, the user will click on the Log In with ORCID ID button on the participating ScholarOne site:

They will then log into ORCID or create an ORCID account on the ORCID site.
ORCID – Log In Process

If the user has used this login process before and has already linked their ORCID iD to their ScholarOne profile, they will automatically be logged into the ScholarOne site and the process is complete.

If this is their first time linking their ORCID and ScholarOne accounts together, they will be asked to authorize the publisher or journal to get their ORCID iD and to read limited-access information such as their name and address.
Next, they will need to link their ORCID account to the ScholarOne site. An intercept page will be displayed giving them the option of creating a new account or logging in with their existing site credentials.
If they choose *Create an Account*, they will have their ORCID associated with the new account. As with 5A, they can use either the ScholarOne or ORCID credentials to log in to the participating site afterwards.
If they choose *Log In with An Existing Account*, they will only need to provide their ScholarOne login credentials once and the process is complete. Afterwards, they can use either the ScholarOne or ORCID credentials to log in to the participating site.
Integration of CASRAI's author contribution taxonomy into ScholarOne
CRediT Integration

- Collect CRediT contribution taxonomy
- Require CRediT contribution taxonomy
- Collect Degree of Contribution field

Edit Author

Contributor Role
- Conceptualization
- Data curation
- Formal analysis
- Funding acquisition
- Investigation
- Methodology
- Project administration

Contributor Role
- Resources
- Software
- Supervision
- Validation
- Visualization
- Writing-original draft
- Writing-review & editing
CRediT Integration

- Collect CRediT contribution taxonomy
- Require CRediT contribution taxonomy
- Collect Degree of Contribution field

Clarivate Analytics
ScholarOne Manuscripts
The volume of papers going through the publishing workflow continues to rise\(^1\)

6.1% Annual growth in submitted article volume since 2013

\(^1\) Global State of Peer Review Report 2018
Screening is important, but it takes a lot of time and effort for editors.

- **5.5M** New papers to ScholarOne journals from 2015-17

- **33%** accept after review
- **27%** reject after review
- **40%** reject without review

- **2.3 reviewers needed for each submission**¹
- **5 hours needed for each review**¹
- **16.4 days needed to turnaround a review**²

¹Peer Review: How We Found 15 Million Hours of Lost Time
²Global State of Peer Review Report 2018
Reducing screening time for every paper would save millions of hours

5.5M Submissions to ScholarOne journals (2015-17)

1. Reduce the time to check and screen every paper
2. Reduce the number of papers that are rejected after peer review

33% Accept after review
27% Reject after review
40% Reject without review
Integrating Intelligent Screening into ScholarOne Will Help Editors
AI detection concepts

- Technical compliance
- Concepts
- Key statements
- Common terminology
- Related papers
- Journal matching
“Usually people have a suspicion that something might need to be checked, not the other way around. This changes that.”

- Qualitative Interview participant

02 - 15 JAN Qualitative interviews
16 JAN Official pilot kickoff
Q1 - Q2 Pilot underway

40+ participants in the pilot from 6 major publishers
Reimagining the Author experience
Metadata Extraction – what is it?

<article_status decision_status="undecided">Submitted</article_status>
<article_title>Fundamentals of XML Manuscripts</article_title>
<article_sub_title/>
<vernacular_title>Running Head</vernacular_title>
<author_list>
<author auth_URL="" author_seq="1" corr="true" user_id="1234">
  <salutation>Dr.</salutation>
  <first_name>John</first_name>
  <middle_name/>
  <last_name>Doe</last_name>
  <suffix/>
  <degree/>
  <email addr_type="primary">dr.doe@example.edu</email>
</author>
</author_list>
<attr_type id="1033" name="Hierarchical Keywords - Regular List">
  <attribute id="1128267" name="Zoology">selected</attribute>
</attr_type>
Metadata Extraction – what’s happened so far?

• Creation of testing environment.
• Limited internal proof of concept testing using publicly available WoS data.
• Expanded internal testing to further analyze data extraction success rates.
• User interface designs completed for Beta environment testing.
Metadata Extraction – how does it work?

Start New Submission

Uploading File

Please do not leave this page or your upload will stop.

Metadata Extraction – what is imported?

* Title Edit

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

* Abstract Edit

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia
**Metadata Extraction – what is imported?**

<table>
<thead>
<tr>
<th>KEYWORDS</th>
<th>ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automobile Driving &lt; Human Activities &lt; Anthropology, Education, Sociology and Social Phenomena</td>
<td>✗ Remove</td>
</tr>
<tr>
<td>Exercise &lt; Human Activities &lt; Anthropology, Education, Sociology and Social Phenomena</td>
<td>✗ Remove</td>
</tr>
<tr>
<td>Retirement &lt; Human Activities &lt; Anthropology, Education, Sociology and Social Phenomena</td>
<td>✗ Remove</td>
</tr>
</tbody>
</table>

**Funders**   Edit

<table>
<thead>
<tr>
<th>ACTIONS</th>
<th>FUNDER</th>
<th>GRANT / AWARD NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select</td>
<td>University of Education</td>
<td>123456</td>
</tr>
</tbody>
</table>
Metadata Extraction – what is imported?

* Selected Authors Edit

<table>
<thead>
<tr>
<th>ORDER</th>
<th>ACTIONS</th>
<th>AUTHOR</th>
<th>INSTITUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Dr. Jane Smith</td>
<td>University of Education</td>
</tr>
</tbody>
</table>

⚠️ Please fix the following issues then click Save or Save & Continue:
- You must designate a corresponding author.
- Author 1: Email is a required field
Metadata Extraction – sounds awesome...what’s next?

The proof of concept will be rolling out to our BETA testing group in the early portion of 2019.
Embedded Analytics

Data Where You Need It

Clarivate Analytics
ScholarOne Manuscripts
Integration of Publons Reviewer Connect into ScholarOne
## Publons Reviewer Connect Integration

![Publons Reviewer Connect Integration](image)

### Potential Reviewer Details

#### Ron Bose
- **Washington Univ, Johns Hopkins Univ**
- **Verified reviews in Publons:** 0
- **Articles in Web of Science:** 9
- **Most Relevant Works:**
  - Analysis of the Role of the C-terminal Tail in the Regulation of the Epidermal Growth Factor Receptor [view details]
  - Biophysical Evidence for Intrinsic Disorder in the C-terminal Tails of the Epidermal Growth Factor Receptor (egfr) and Her3 Receptor Tyrosine Kinases [view details]
  - Carboxyl Group Footprinting Mass Spectrometry and Molecular Dynamics Identify Key Interactions in the Her2-her3 Receptor Tyrosine Kinase Interface [view details]

#### Tiago Barros
- **Publons, University of California, Berkeley**
- **Verified reviews in Publons:** 2
- **Articles in Web of Science:** 4
- **Most Relevant Works:**
  - Analysis of the Role of the C-terminal Tail in the Regulation of the Epidermal Growth Factor Receptor [view details]
  - Structural Basis for Activation of Zap-70 By Phosphorylation of the Sh2-kinase Linker [view details]
  - Modification By Covalent Reaction Or Oxidation of Cysteine Residues in the Tandem-sh2 Domains of Zap-70 and Syk Can Block Phosphopeptide Binding [view details]
Publons Reviewer Connect Integration

<table>
<thead>
<tr>
<th>RESEARCHER</th>
<th># PAPERS</th>
<th># VERIFIED REVIEWS</th>
<th>KEYWORDS</th>
<th>PROFILE LINKS</th>
<th>POTENTIAL CONFLICTS</th>
<th>EMAIL</th>
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<tbody>
<tr>
<td>Ivana Revu</td>
<td></td>
<td></td>
<td>Energy Generation, Conversion and Storage E...</td>
<td></td>
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</tr>
</tbody>
</table>

INSTITUTIONS AND ORGANISATIONS
Elizabeth University of Research

KEYWORDS
ENERGY GENERATION, CONVERSION AND STORAGE ENGINEERING, MECHANICAL ENGINEERING

BIO
Ivana is a Postdoc at the Elizabeth University of Research. She claims to be a fan of good food, red wine, beautiful prose, competitive sport, new ideas, and travel. What a cliche. She has published three books: Advanced Engineering Mathematics (2017) (320 pages), and Mathematics Modelling of Nonlinear Flows. She has published over 300 journal articles and 47 conference papers. She is Associate Editor of Journal of Fluid Mechanics and the Journal of Scientific Research.

VERIFIED EDITORIAL BOARD MEMBERSHIPS
- Applied Mathematics
- Open Journal of Fluid Dynamics
- World Journal of Mechanics

VERIFIED PEER REVIEW EXPERIENCE
- (78) Ain Shams Engineering Journal
- (65) International Journal of Numerical Me...
- (48) Plos One
- (44) AEJ - Alexandria Engineering Journal
- (51) Journal of Molecular Liquids
- (43) Powder Technology

Showing 6 of 306

RELEVANT PUBLICATIONS
- 2017 Numerical Simulation of Natural Convection Heat Transfer of a Nanofluid in an L-shaped Enclosure in Journal of the Taiwan Institute of Chemi...
Transfer Choice for Authors

Authors will be offered a choice of transfer to journals selected below:

- Chicken Journal - zzzbjoc
- Egg Journal - zzzegg
- Journal of Tomorrow - zzztmrw
- Dog Journal - zzzdog
- Cat Journal - zzzcat
- Journal of Yesterday - zzzyest
- Lizard Journal - zzzliz
- Parrot Journal - zzzparrot
- Cow Journal - zzzcow

Decision Comments:

- Create Draft E-Mail
- Save
- Commit Decision
Transfer Choice for Authors

Manuscripts Awaiting Approval to Transfer

Due on 07-Jul-2018

<table>
<thead>
<tr>
<th>ACTION</th>
<th>ID</th>
<th>TITLE</th>
<th>DATE APPROVAL REQUESTED</th>
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<tbody>
<tr>
<td>View Transfer Options</td>
<td>WRK4-2009-11-0048</td>
<td>quick test for deletion after View Submission</td>
<td>08-May-2018</td>
</tr>
</tbody>
</table>

Select a Transfer Destination

Please review the transfer options below for your manuscript, <MS Title>, and select your desired choice.

- [ ] Chicken Journal
- [ ] Cat Journal
- [ ] Journal of Tomorrow
- [ ] Decline offer for manuscript transfer

[Submit My Choice] [Cancel]
Transfer Choice for Authors

EIC Decision

Make a Decision
- Accept
- Minor Revision
- Major Revision
- Revise for Language Editing
- Reject & Resubmit
- Reject
- Reject with option to Appeal
- Reject Transfer

Transfer to: salesdemo4 - Sales Demo Workflow 4

If you have decided to transfer this submission, why do you feel your transfer option(s) are a better fit?

Decision Comments:

Create Draft E-Mail  Save  Commit Decision
Coming Soon!

Webinar: ScholarOne’s Robust Tool for Detecting Peer Review Fraud + More
Next Webinar: ScholarOne’s Robust Tool for Detecting Peer Review Fraud + More

- Learn how this tool can help you avoid retractions and catch potential issues early in the process
- Learn about types of activity it catches
- See evidence gathered since the tool’s launch
- Learn how to get your sites set up with the new “clean slate” approach

Discover.Clarivate.com/ScholarOne-Webinar-Series-February
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