25
Crossref
CELEBRATING 25 YEARS

Crossref y metadatos interconectados

Empezamos pronto...

Crossref
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Crossref y metadatos interconectados

Diagnóstico de metadatos y consejos para depósitos exitosos

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¡Bienvenidos!

¿Quién está aquí hoy?

Luis Montilla

Technical Community Manager
Equipo de Comunidad

Arley Soto

Technical Specialist
Equipo de Membresía

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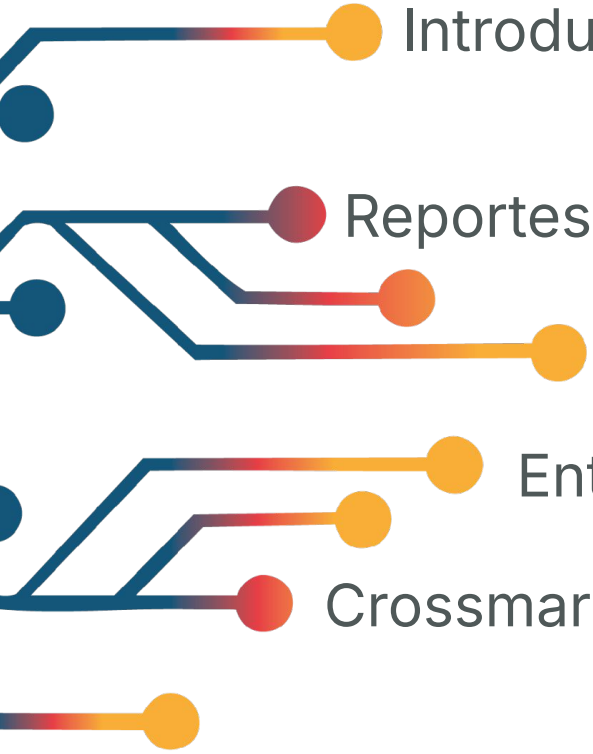
Agenda



Introducción a los servicios de Crossref

Reportes de participación

Esquemas de metadatos

Entrada de metadatos

Crossmark y actualizaciones

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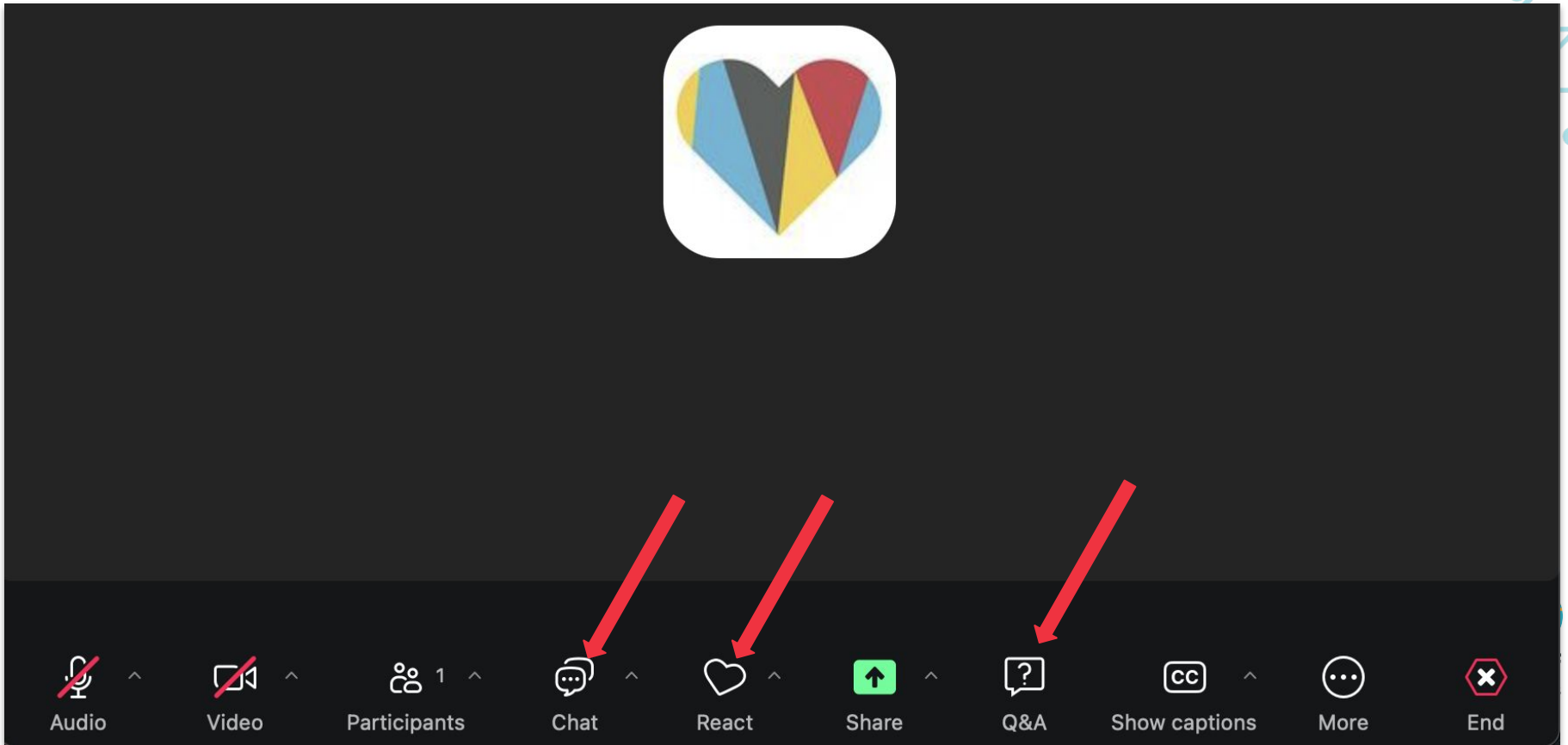
¿Cómo utilizar zoom?



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Introducción a los servicios de Crossref

Nuestra misión

Crossref hace que los resultados de investigación sean fáciles de encontrar, citar, enlazar y evaluar.

Somos una organización sin fines de lucro que existe para mejorar la comunicación académica.

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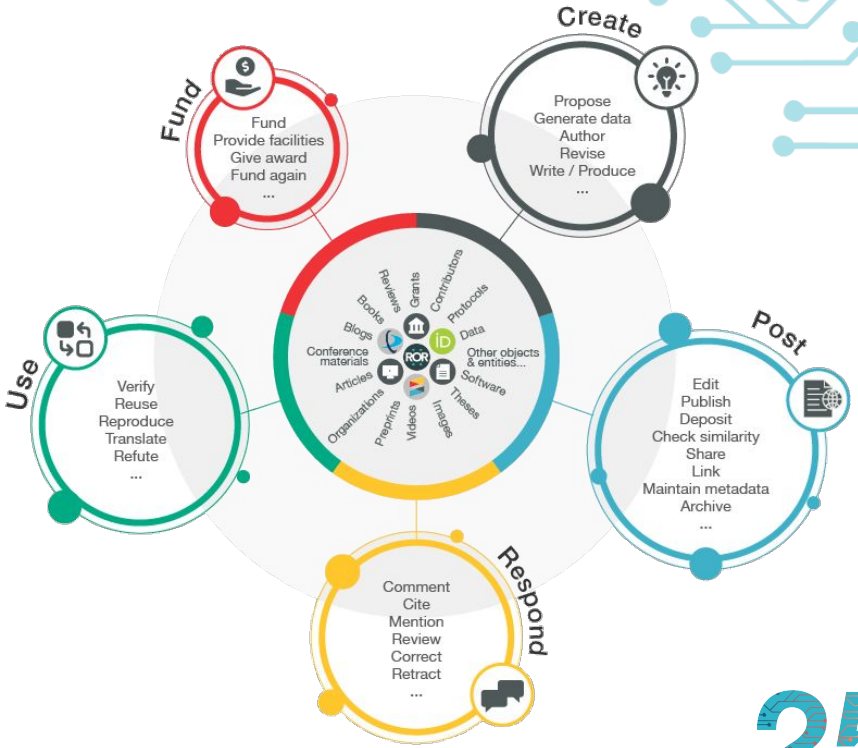
Nuestra visión

...una red abierta, rica y reutilizable de relaciones conectando organizaciones de investigación, personas, cosas y acciones;

un registro académico que la comunidad global puede aprovechar para siempre, en beneficio de la sociedad.



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La comunidad Crossref

29.000 organizaciones miembros de **160** países
- **50%** de los miembros ubicados en Asia
- **40%** son Universidades o dirigidas por académicos

120 Organizaciones patrocinadoras; **51** Embajadores

171 millones de registros de metadatos abiertos con DOI

1,3 mil millones de resoluciones por mes

2 mil millones solicitudes a nuestra API cada mes por parte de usuarios y sistemas que ingieren y reusan estos metadatos abiertos

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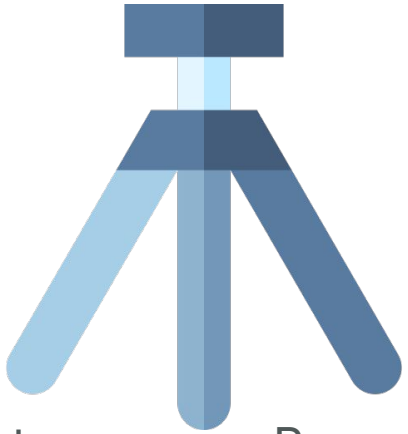
Nuestros servicios

Registro académico



Registro

Recuperación

Vinculación

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Registro de contenido

https://doi.org/10.1006/xmx7-1123

Protocolo y directorio: hace que el DOI accionable.

Prefijo: asignado por Crossref.

Sufijo: creado por el editor.

Buenas prácticas

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Registro de contenido

✅

- Hace que el objeto sea encontrable
- Permite conectar con otros objetos
- Conecta a autores, instituciones, y financistas

❌

- No es sinónimo de calidad
- Es una fuente de la verdad
- Llena automáticamente los vacíos en metadatos

Buenas prácticas

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¿Qué puedo registrar?

- Revistas y artículos de revistas
- Libros y capítulos
- Memorias de Conferencias
- Sets de datos
- Tesis, monografías
- Subsidios de investigación

- Informes de revisión por pares
- Preprints
- Relaciones
- Reportes técnicos
- Componentes
- Estándares
- ¡Y más!

[What types of resources and records can be registered with Crossref?]

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Registro de contenido
Grant Linking System

- APC: article processing charge
- award: premios o financiamientos generales
- BPC: book processing charge
- contract: acuerdos involucrando pagos.
- crowdfunding: financiamiento vía múltiples fuentes, usualmente online

Crossref
Grant Linking System

El Grant Linking System

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Registro de contenido
Grant Linking System

- Endowment
- Equipment
- Facilities
- Fellowship
- Grant
- Infrastructure
- Loan
- Other

Crossref
Grant Linking
System

[El Grant Linking System]

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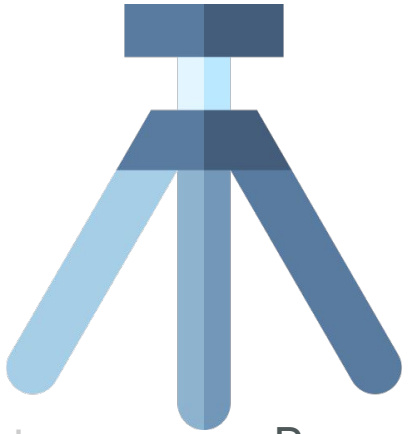
Nuestros servicios

Registro académico



Registro

Recuperación

Vinculación

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Vinculación

- Reference linking

Reference linking ≠ Registro de referencias

Obligación para los miembros

> "Crossref Display Guidelines (March 2017)", retrieved [date], https://doi.org/10.13003/5jchdy

Buenas prácticas para vincular referencias

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Vinculación

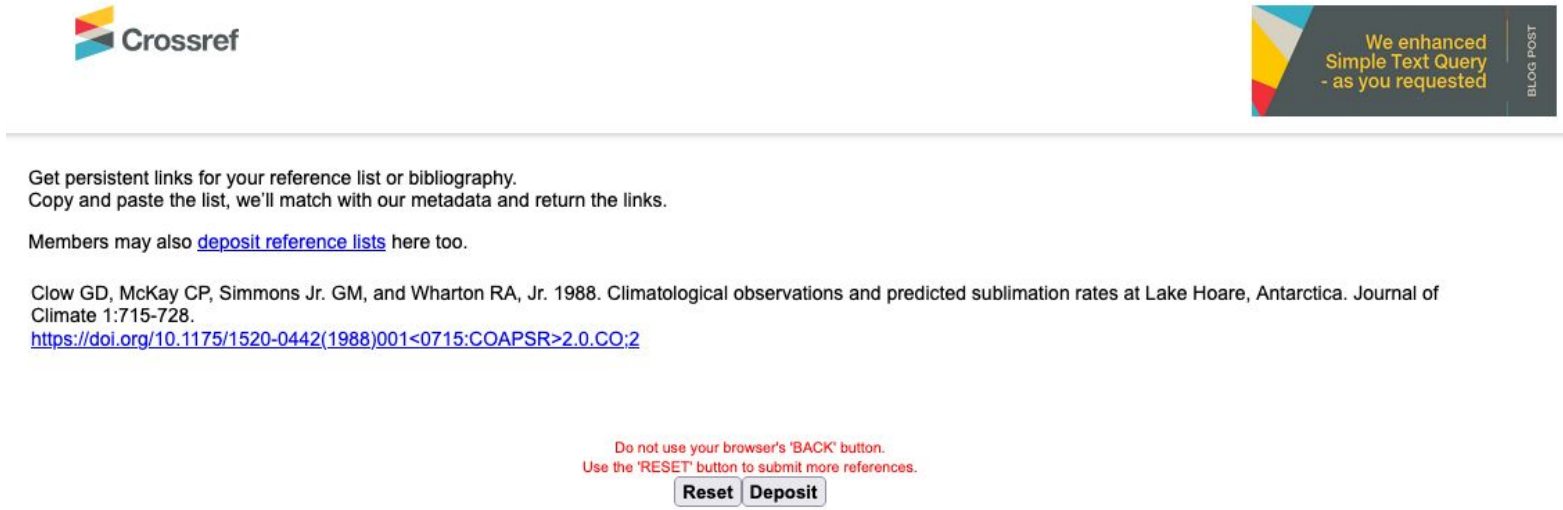
- Reference linking

[Buenas prácticas para vincular referencias]

25 Crossref CELEBRATING 25 YEARS

Vinculación

- Reference linking



[Buenas prácticas para vincular referencias]

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Vinculación

- Cited-by
    - Inclusión de referencias
    - Recuperación de referencias
        - Via API (trabajos referenciados)
        - Via notificaciones (trabajos que referencian)

Participar en Cited-by

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Vinculación

- Similarity Check

  Es una herramienta de comprobación de similitud del contenido potenciada por iThenticate

Similarity check

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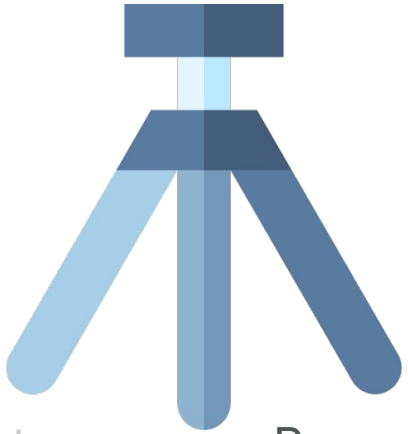
Nuestros servicios

Registro académico



Registro

Recuperación

Vinculación

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Recuperación

- Interfaces de recuperación de metadatos

  Estos metadatos que provienen de la comunidad están disponibles abiertamente, para siempre, sin restricciones.

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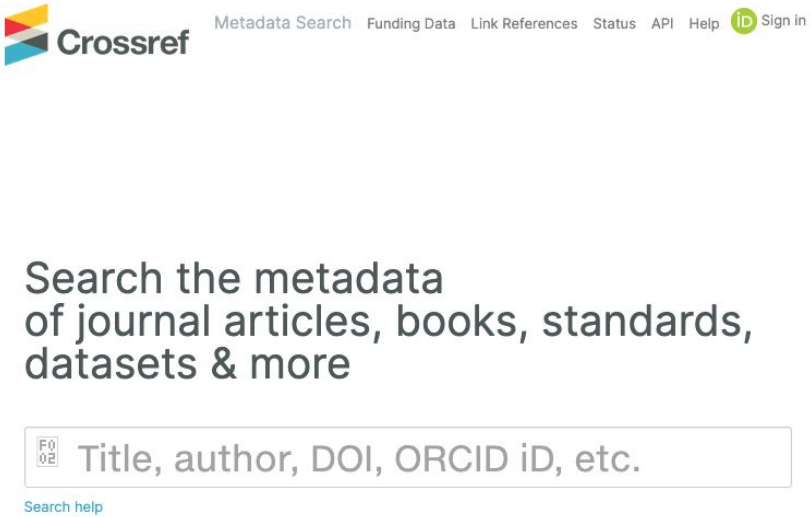
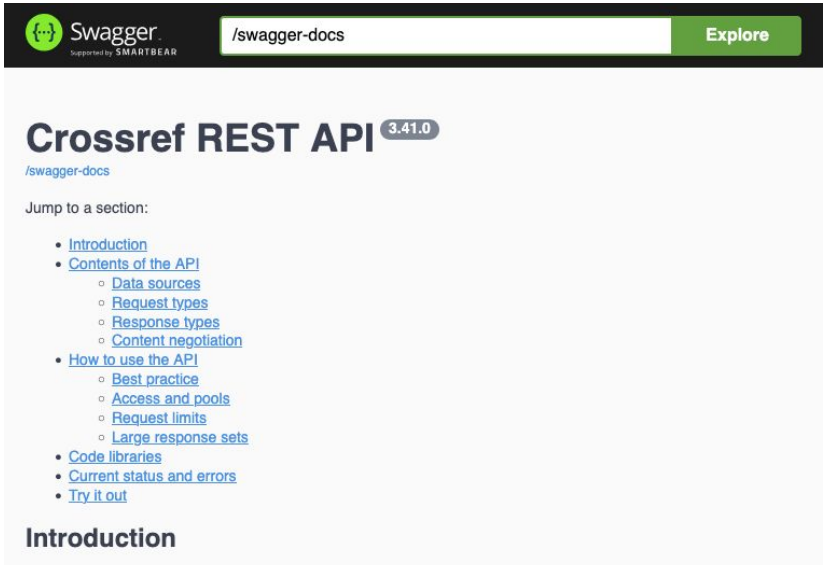
Recuperación

- Interfaces de recuperación de metadatos





search.crossref.org

api.crossref.org

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Recuperación

- Interfaces de recuperación de metadatos

Home > API Learning Hub > **Crossref Public Data File**

You have an alternative to the REST API if your goal is to obtain the entire body of Crossref's records. With the public data file you have access to every DOI ever registered with Crossref.

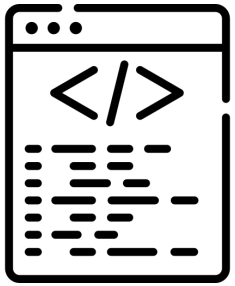
2025 Public data file

- Release notes.
- Public data file.
- Data file sample.

Tips for working with Crossref public data files and Plus snapshots

crossref.org/learning/public-data-file

Citas



Citado por

crossref.org/documentation/cited-by/retrieve-citations/

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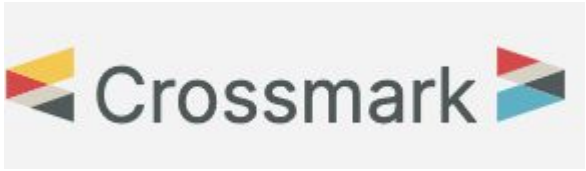
Recuperación

- Metadatos sobre actualizaciones



1. Diseñar, publicar y depositar una Página de Políticas de Publicación.
2. Añadir el DOI de la PPP y opcionalmente, otros metadatos relevantes.
3. Publicar correcciones, retractaciones, y otras actualizaciones donde sea necesario, y registrar sus metadatos.
4. Implementar el botón de Crossmark en línea y en los artículos.

Participar en Crossmark

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Crossref, metadatos abiertos y servicios externos

Servicios externos

"Crossref makes research objects easy to find, cite, link, assess, and reuse. We're a not-for-profit membership organisation that exists to make scholarly communications better. We rally the community; tag and share metadata; run an open infrastructure; play with technology; and make tools and services—all to help put scholarly content in context."

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Servicios externos

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Servicios externos

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Servicios externos

MATILDA

OpenAlex

LENS.ORG

Dimensions

zotero

Inciteful

unpaywall

ORCID

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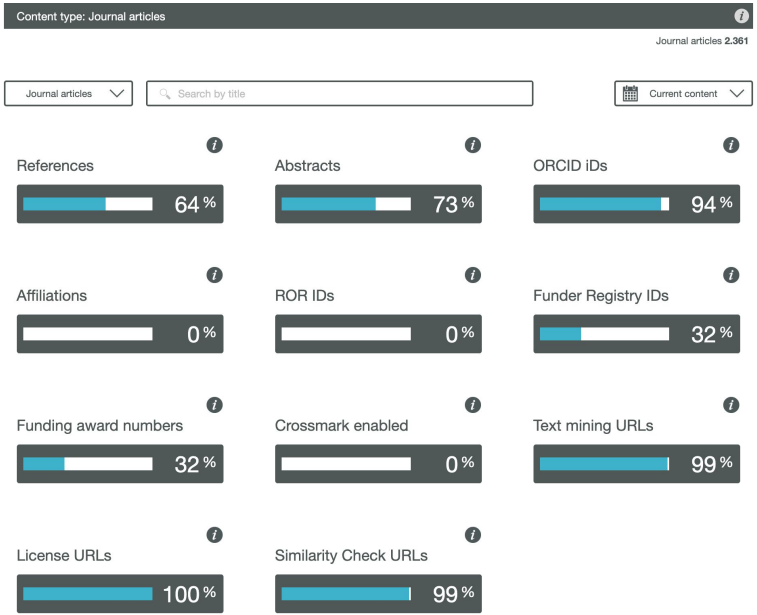
Servicios externos

Metadatos de calidad

Más metadatos



[Buenas prácticas para los metadatos]

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Crossref
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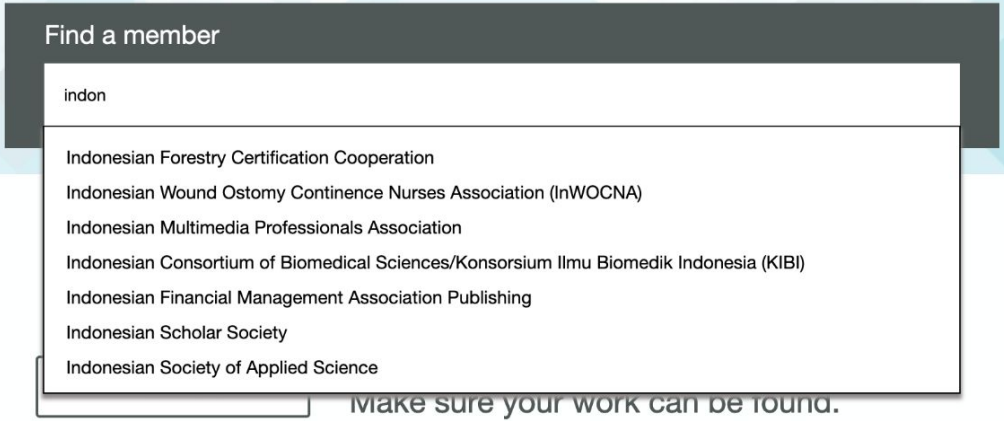
Reportes de Participación

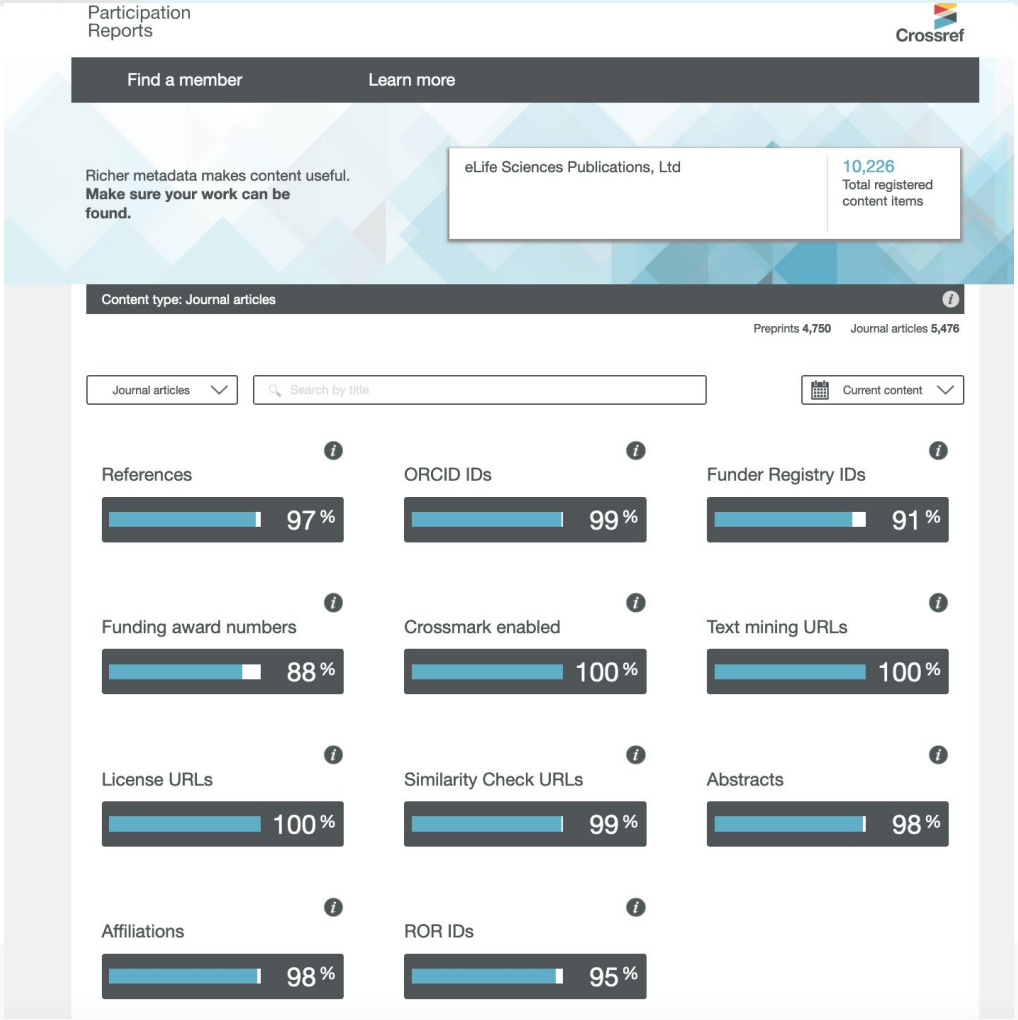
Participation Reports

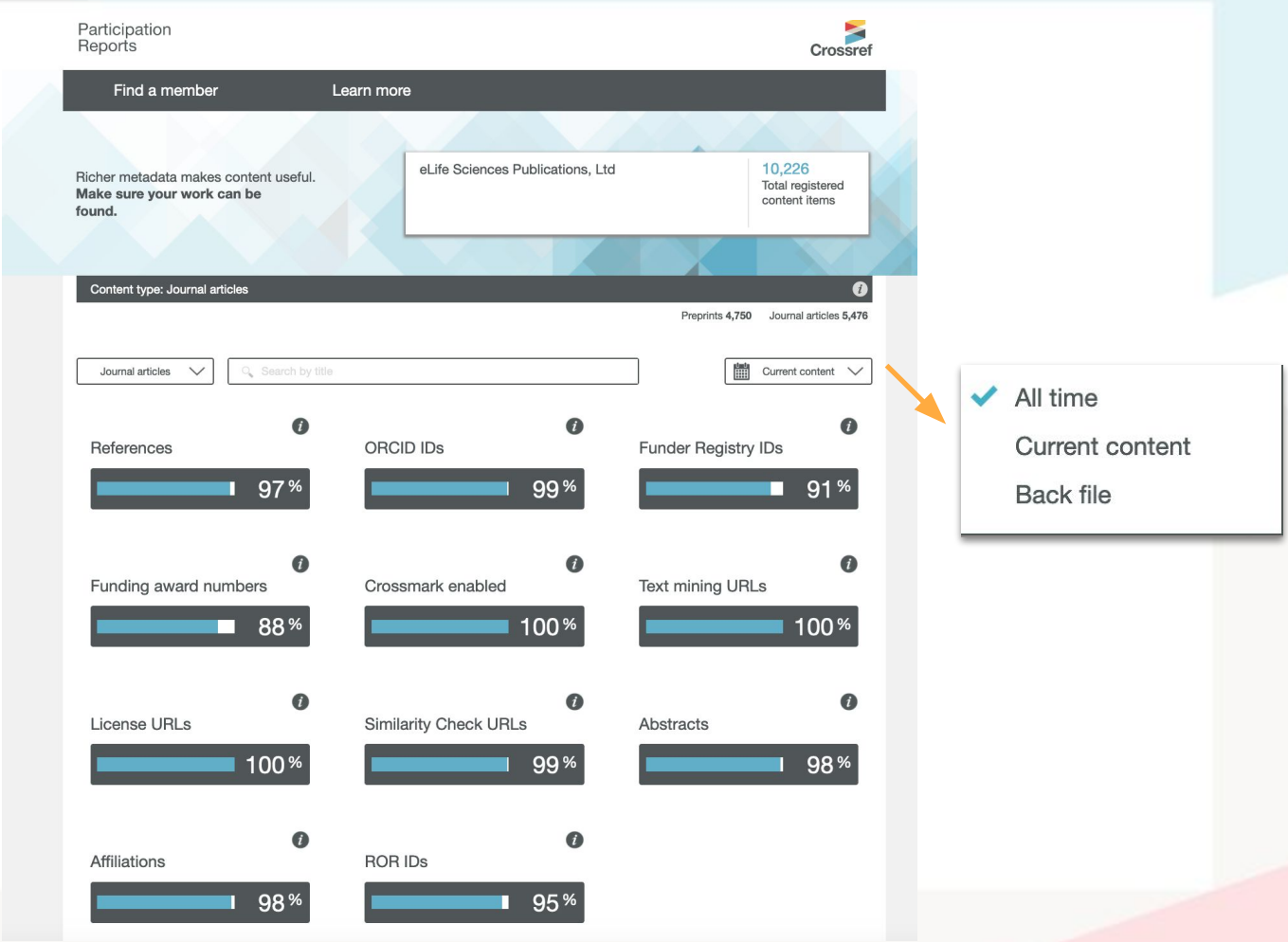
Crossref

How good is your metadata?



https://www.crossref.org/members/prep/


Participation Reports
Crossref
Find a member
Learn more
Richer metadata makes content useful.
Make sure your work can be found.
eLife Sciences Publications, Ltd
10,226
Total registered content items
Content type: Journal articles
Preprints 4,750
Journal articles 5,476
Journal articles
Search by title
Current content
References
97%
ORCID IDs
99%
Funder Registry IDs
91%
Funding award numbers
88%
Crossmark enabled
100%
Text mining URLs
100%
License URLs
100%
Similarity Check URLs
99%
Abstracts
98%
Affiliations
98%
ROR IDs
95%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Crossref
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eLife Sciences Publications, Ltd
10,226
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Preprints 4,750
Journal articles 5,476
Journal articles
Search by title
Current content
References
97%
ORCID IDs
99%
Funder Registry IDs
91%
Funding award numbers
88%
Crossmark enabled
100%
Text mining URLs
100%
License URLs
100%
Similarity Check URLs
99%
Abstracts
98%
Affiliations
98%
ROR IDs
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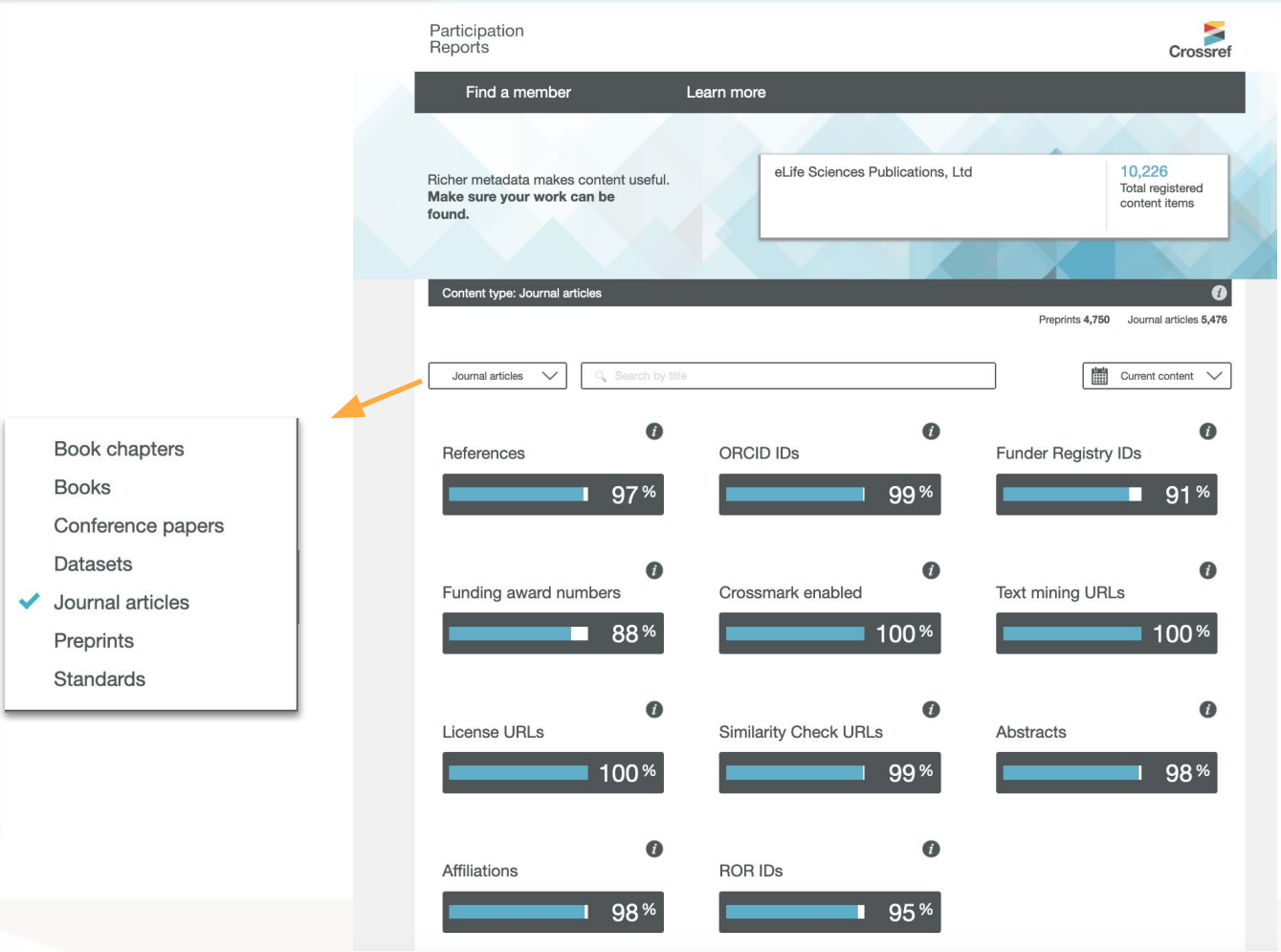
All time
Current content
Back file


Participation Reports
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Journal articles
Search by title
Current content
Book chapters
Books
Conference papers
Datasets
Journal articles
Preprints
Standards
References
97%
ORCID IDs
99%
Funder Registry IDs
91%
Funding award numbers
88%
Crossmark enabled
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Text mining URLs
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License URLs
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Similarity Check URLs
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Abstracts
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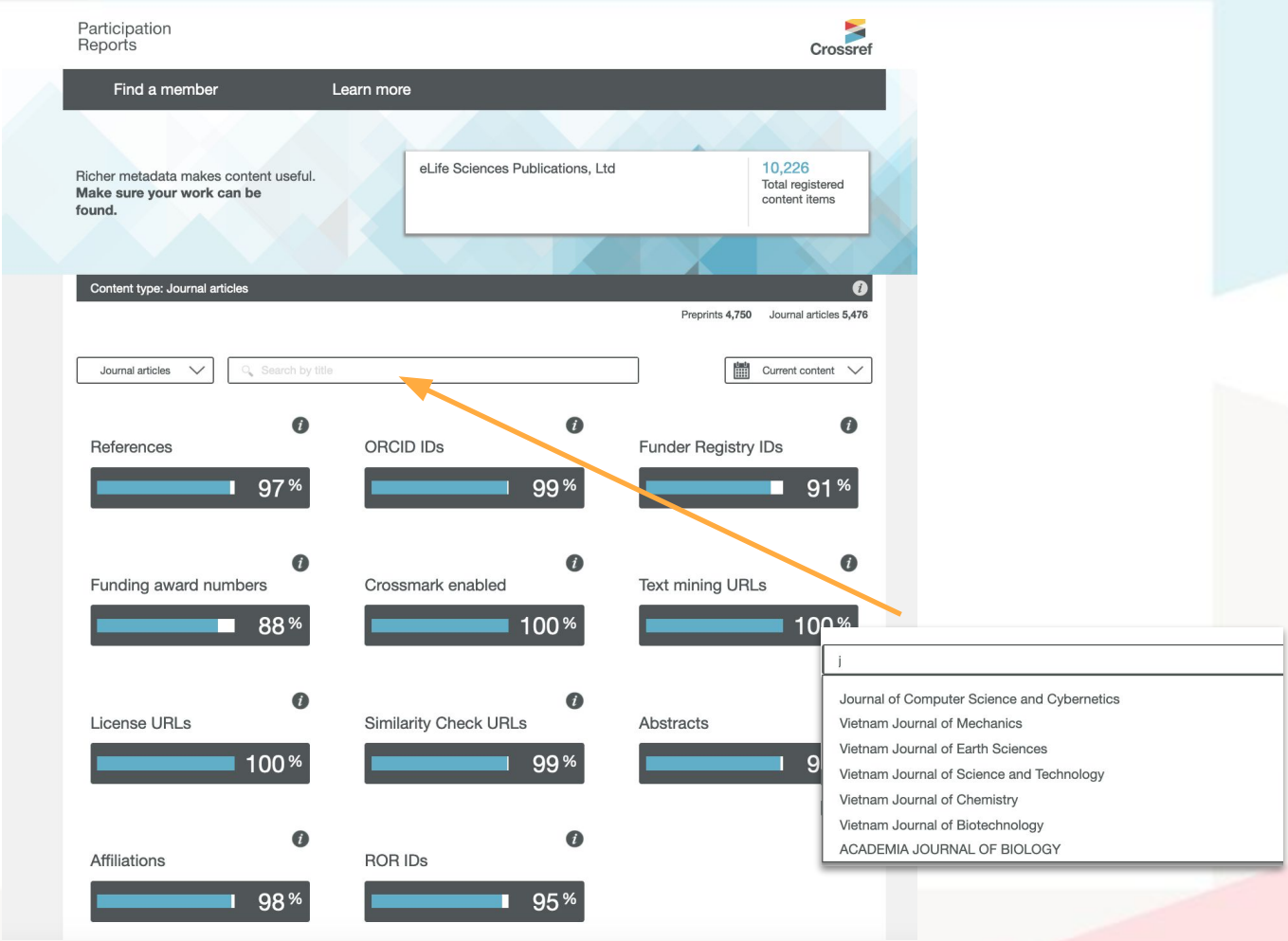
Affiliations
98%
ROR IDs
95%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Funding award numbers
88%
Crossmark enabled
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Text mining URLs
License URLs
100%
Similarity Check URLs
99%
Abstracts
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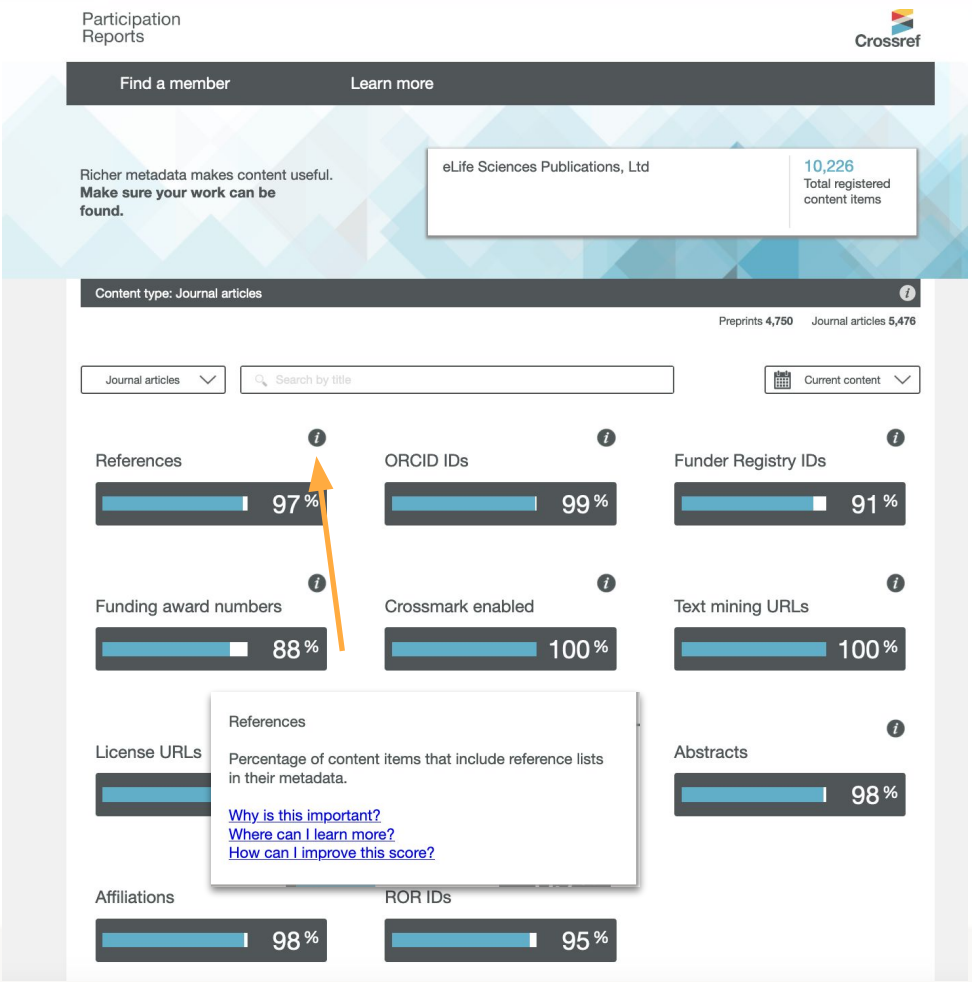
98%
ROR IDs
95%
j
Journal of Computer Science and Cybernetics
Vietnam Journal of Mechanics
Vietnam Journal of Earth Sciences
Vietnam Journal of Science and Technology
Vietnam Journal of Chemistry
Vietnam Journal of Biotechnology
ACADEMIA JOURNAL OF BIOLOGY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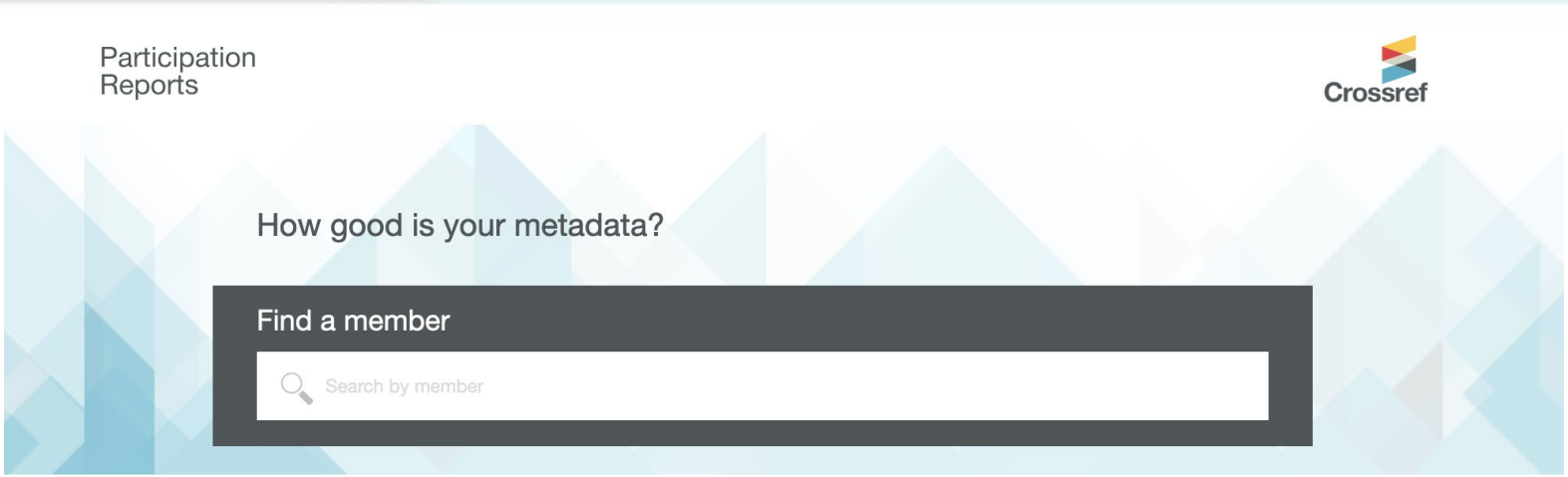
References
97 %
ORCID IDs
99 %
Funder Registry IDs
91 %
Funding award numbers
88 %
Crossmark enabled
100 %
Text mining URLs
100 %
License URLs
Abstracts
98 %
References
Percentage of content items that include reference lists in their metadata.
Why is this important?
Where can I learn more?
How can I improve this score?
Affiliations
98 %
ROR IDs
95 %



https://www.crossref.org/members/prep/

Llenando los vacíos: registros de DOI futuros

- Asegúrate de incluir estos metadatos en tus registros futuros (resúmenes, licencias, ORCiD, referencias)

- **Si usas el formulario de deposito web:** No olvides ir al formulario STQ después de haber registrado cada DOI y agregar los metadatos de sus referencias.

Llenando los vacíos: registros de DOI ya existentes

- Actualizando registros DOI uno a uno
  - **Si usas el plugin de OJS**: ve al artículo relevante, retira de publicación, agrega los metadatos faltantes, guarda y republica.
  - **Si usas el formulario de deposito web**: redeposita el registro completo con los elementos faltantes.
  - **Si nos envías XML**: envíanos tu registro XML con los elementos faltantes. No olvides actualizar el timestamp.

Llenando los vacíos: registros de DOI ya existentes

- Actualizando en lote:
  - Ciertos elementos pueden ser añadidos en lote al cargar un archivo CSV a nuestra herramienta de admin
    - Financiamiento, URLs para Similarity Check, URLs para minería de datos y texto, información de licencias

Crossref

webDeposit

Ver. 1.56

The web deposit form allows Crossref members to deposit content and register DOIs. Learn more about how to use the web deposit form.

Note: Your Crossref username and password will be required at the end of this process to submit data to the system.

Step 1: Select Record Type

Record Selection

Select Data Type: ○ Journal ○ Book ○ Conference Proceedings ○ Report ○ Dissertation ○ Crossmark Policy page
○ NLM File ***BETA*** ◉ Supplemental-Metadata Upload ***BETA***

Step 2: Identify the Journal

Journal information

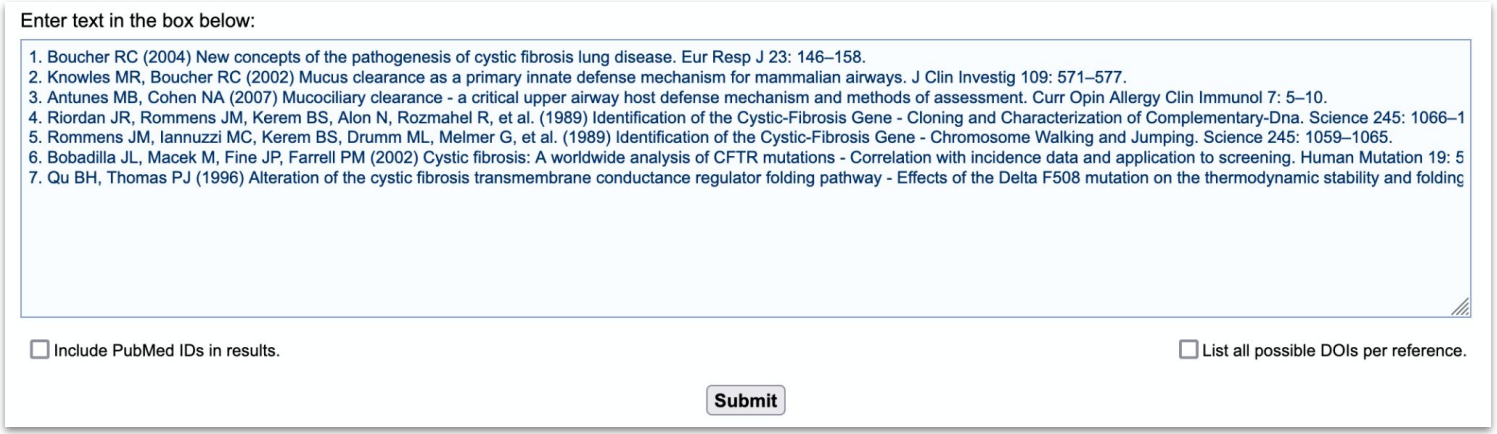
Title+
Abbr.+
Journal DOI+
Journal URL
Print ISSN+ Elect ISSN+ Journal DOI and/or ISSN required
Volume Issue
Issue DOI
Issue URL

Publication dates

note: use numerical values (YYYY, MM, DD)

Type: print

Depositar referencias con Simple Text Query



https://apps.crossref.org/simpleTextQuery

Simple Text Query

1. Boucher RC (2004) New concepts of the pathogenesis of cystic fibrosis lung disease. Eur Resp J 23: 146-158.
https://doi.org/10.1183/09031936.03.00057003

2. Knowles MR, Boucher RC (2002) Mucus clearance as a primary innate defense mechanism for mammalian airways. J Clin Investig 109: 571-577.
https://doi.org/10.1172/JCI0215217

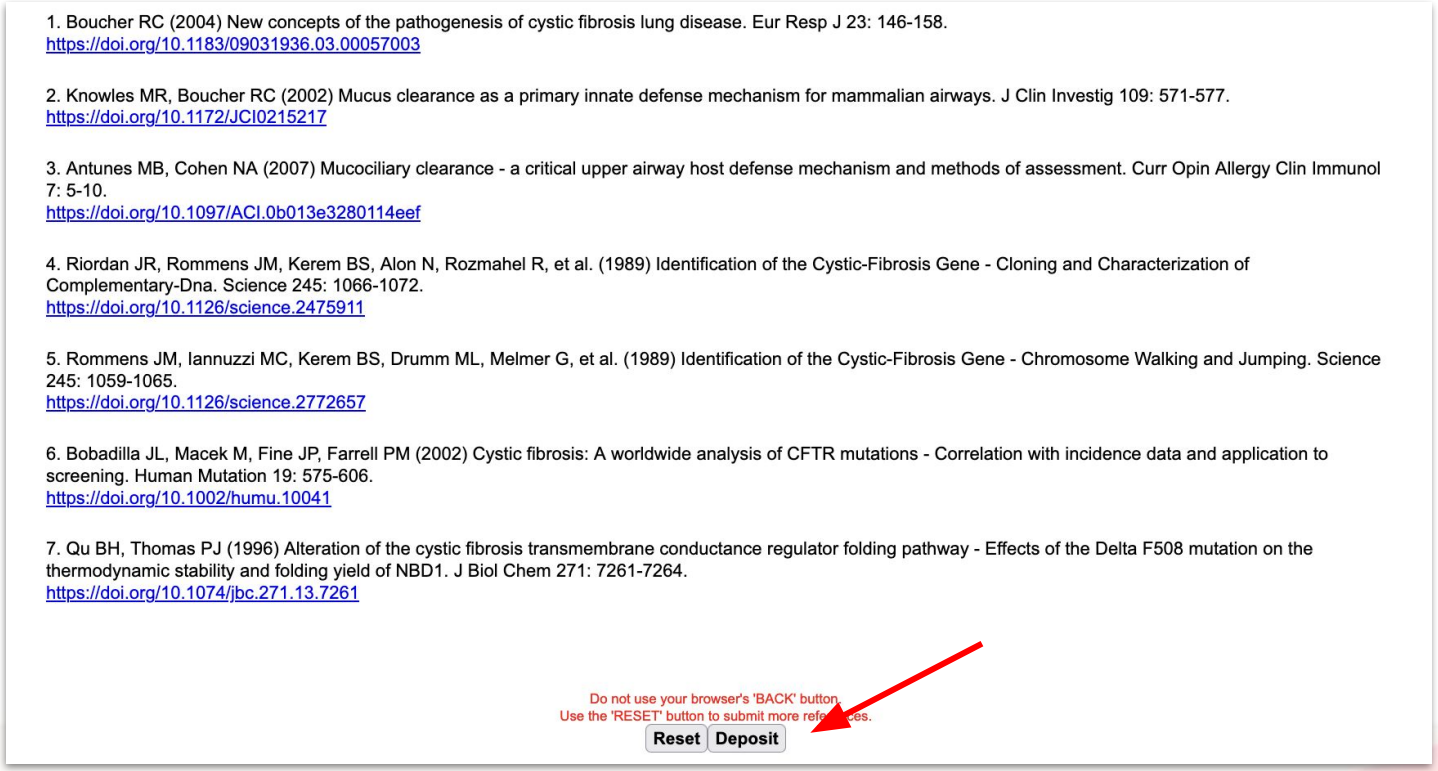
3. Antunes MB, Cohen NA (2007) Mucociliary clearance - a critical upper airway host defense mechanism and methods of assessment. Curr Opin Allergy Clin Immunol 7: 5-10.
https://doi.org/10.1097/ACI.0b013e3280114eef

4. Riordan JR, Rommens JM, Kerem BS, Alon N, Rozmahel R, et al. (1989) Identification of the Cystic-Fibrosis Gene - Cloning and Characterization of Complementary-Dna. Science 245: 1066-1072.
https://doi.org/10.1126/science.2475911

5. Rommens JM, Iannuzzi MC, Kerem BS, Drumm ML, Melmer G, et al. (1989) Identification of the Cystic-Fibrosis Gene - Chromosome Walking and Jumping. Science 245: 1059-1065.
https://doi.org/10.1126/science.2772657

6. Bobadilla JL, Macek M, Fine JP, Farrell PM (2002) Cystic fibrosis: A worldwide analysis of CFTR mutations - Correlation with incidence data and application to screening. Human Mutation 19: 575-606.
https://doi.org/10.1002/humu.10041

7. Qu BH, Thomas PJ (1996) Alteration of the cystic fibrosis transmembrane conductance regulator folding pathway - Effects of the Delta F508 mutation on the thermodynamic stability and folding yield of NBD1. J Biol Chem 271: 7261-7264.
https://doi.org/10.1074/jbc.271.13.7261



Simple Text Query

Get persistent links for your reference list or bibliography.
Copy and paste the list, we'll match with our metadata and return the links.

Members may also deposit reference lists here too.

1. Boucher RC (2004) New concepts of the pathogenesis of cystic fibrosis lung disease. Eur Resp J 23: 146-158.
https://doi.org/10.1183/09031936.03.00057003

2. Knowles MR, Boucher RC (2002) Mucus clearance as a primary innate defense mechanism for mammalian airways. J Clin Investig 109: 571-577.
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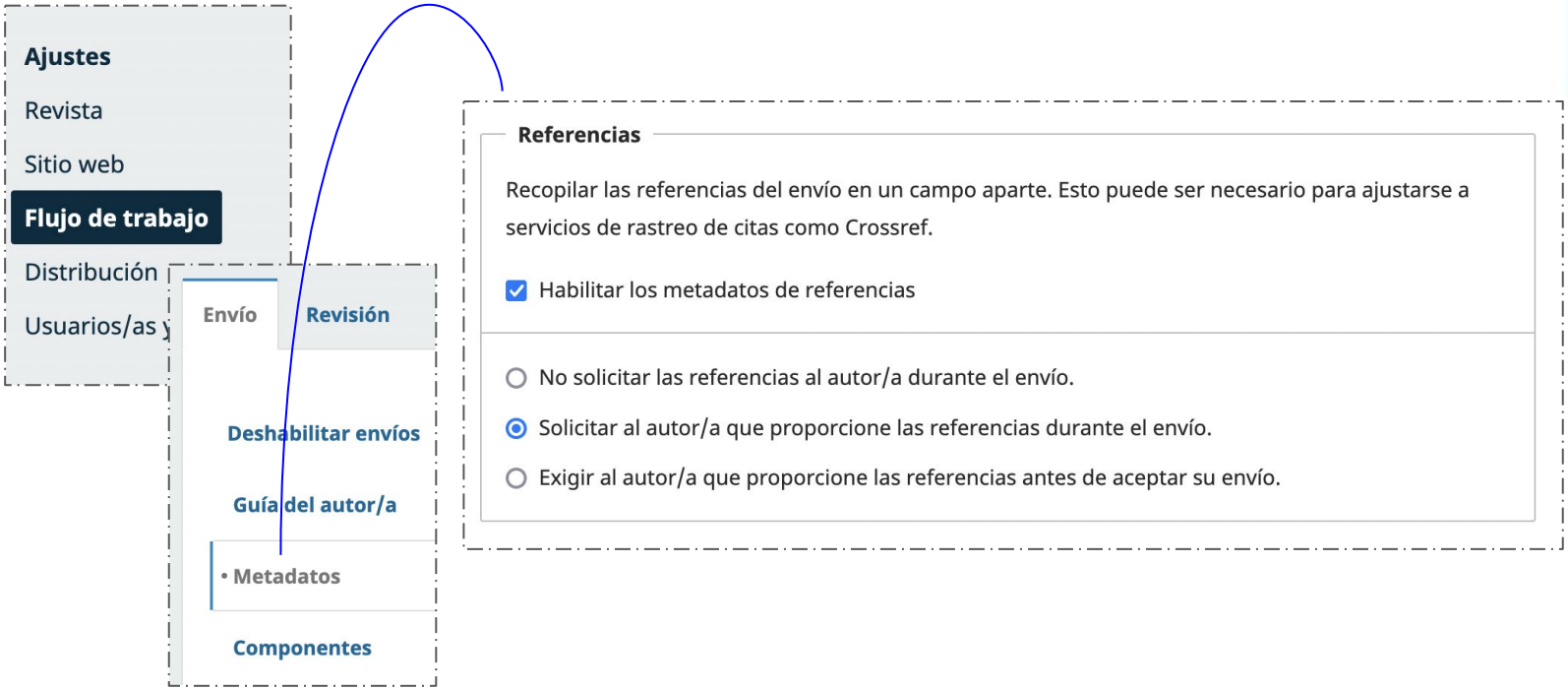
https://doi.org/10.1074/jbc.271.13.7261

Email Address: scollins@crossref.org Parent DOI: 10.5555/19274

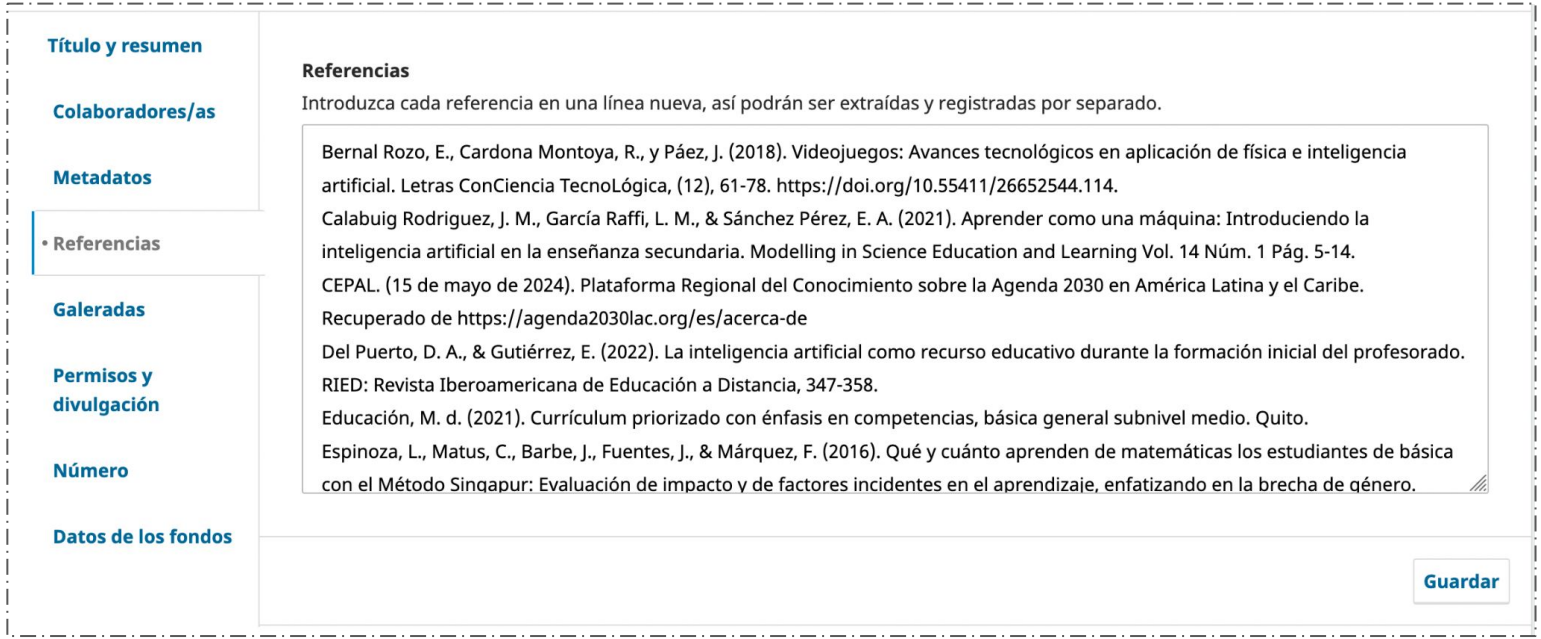
Username: scollins@crossref.org Password: ••••••••••••

DOI en OJS 3.3

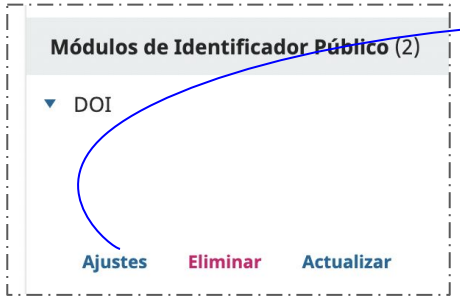
Habilitar metadatos de referencias



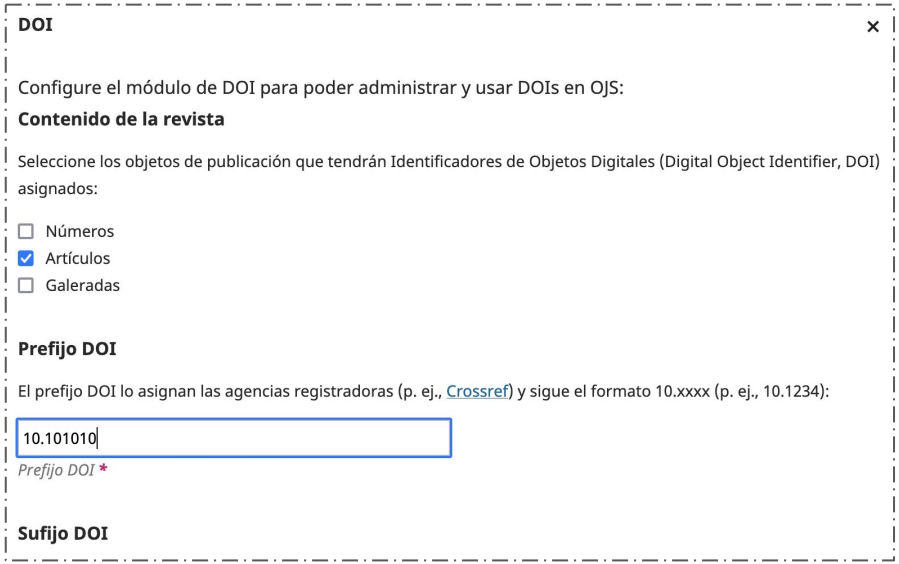
Cargar referencias a los artículos



Registrar DOIs con OJS 3.3 (1)

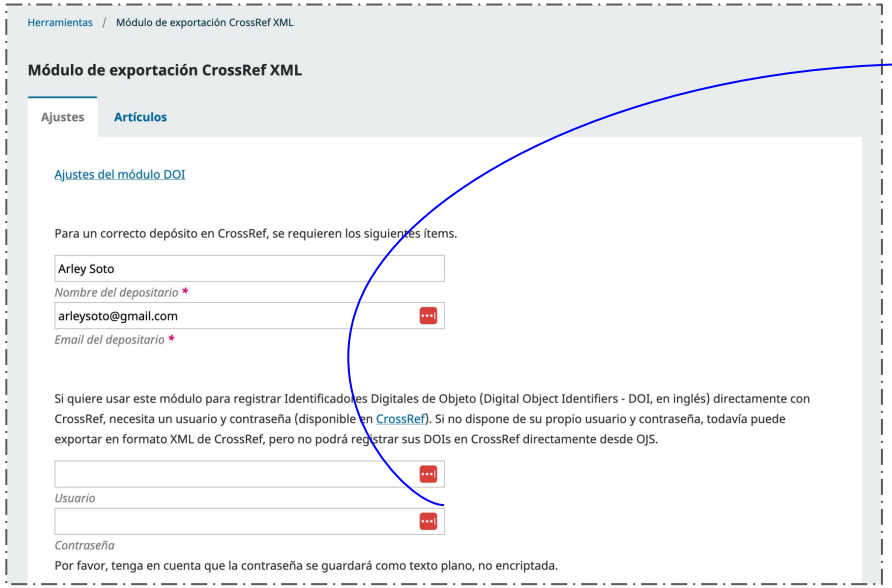


Sitio web >> Módulos



https://www.crossref.org/documentation/member-setup/constructing-your-dois/

Registrar DOIs con OJS 3.3 (2)



Si tiene un usuario antiguo (role credentials), no asociado a un correo:

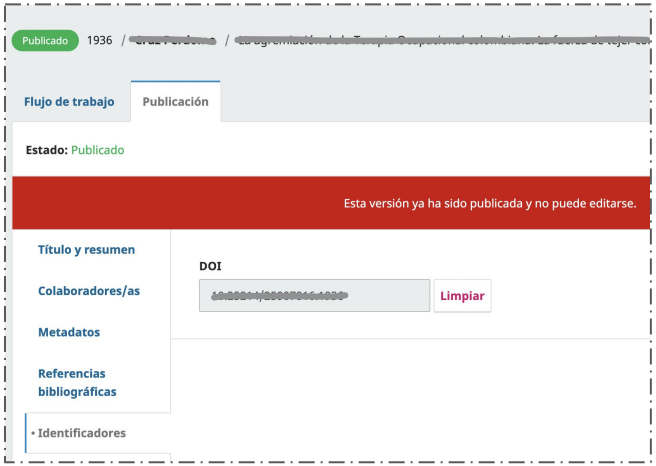
asap
*****

Si tiene un usuario nuevo (user credentials), asociado a un correo:

arleysoto@gmail.com/asap
****

Herramientas >> Módulo de exportación CrossRef XML

Registrar DOIs con OJS 3.3 (3)



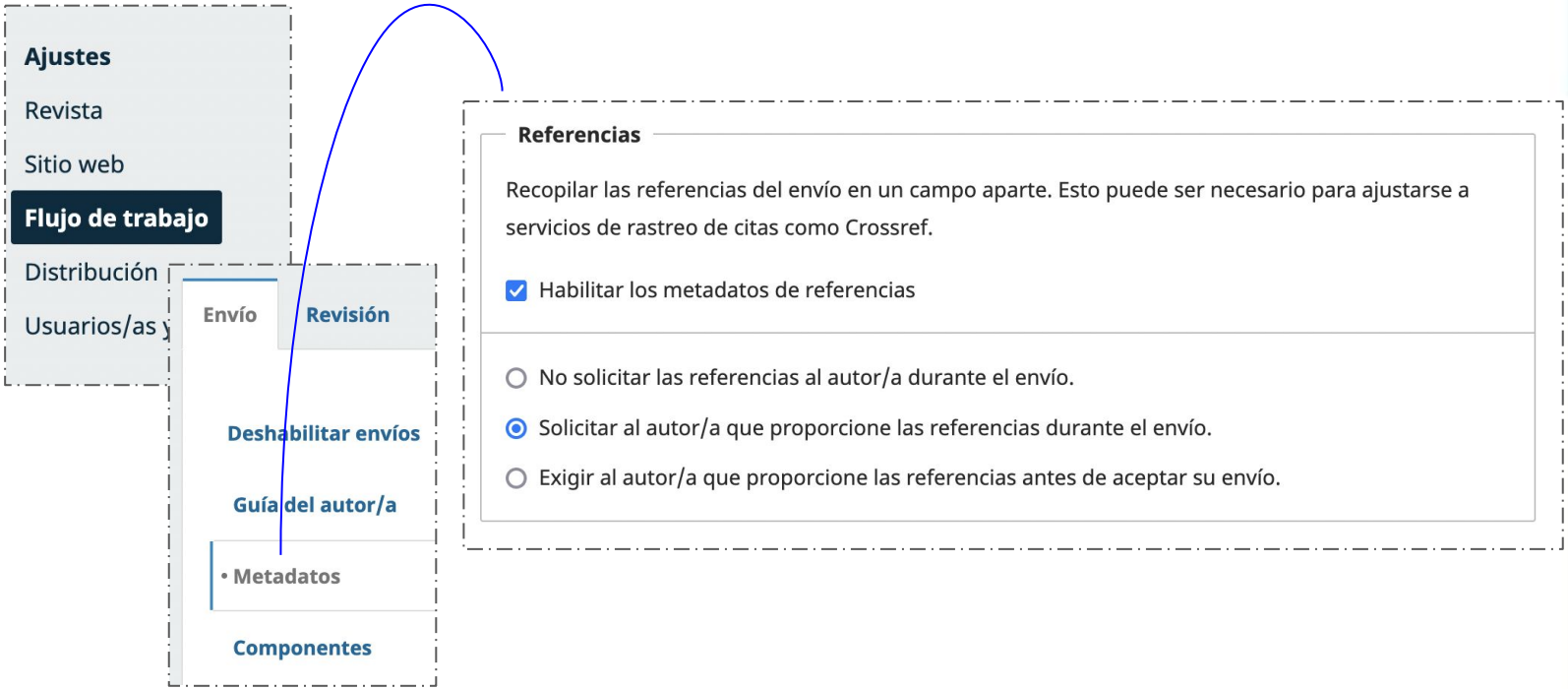
Automático

Manual

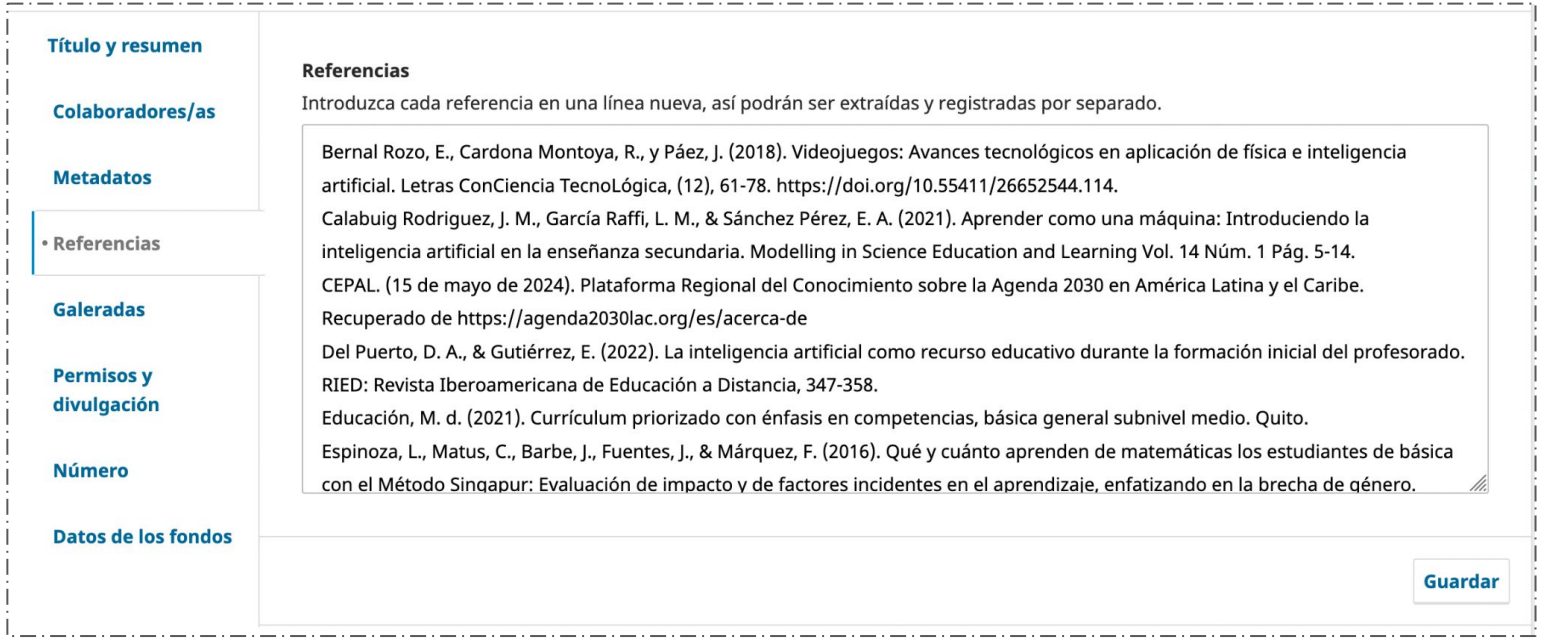
https://www.crossref.org/documentation/register-maintain-records/ojs-plugin/

DOI en OJS 3.4

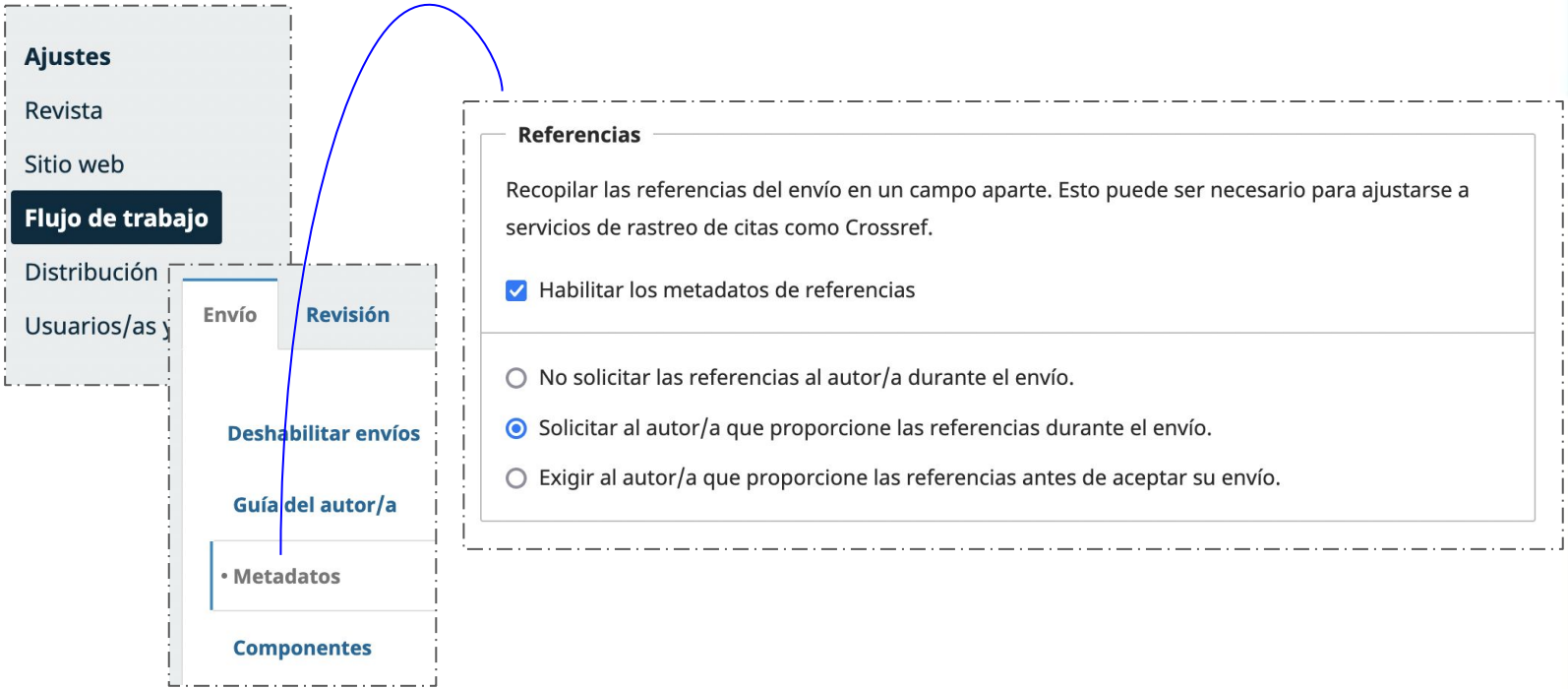
Habilitar metadatos de referencias



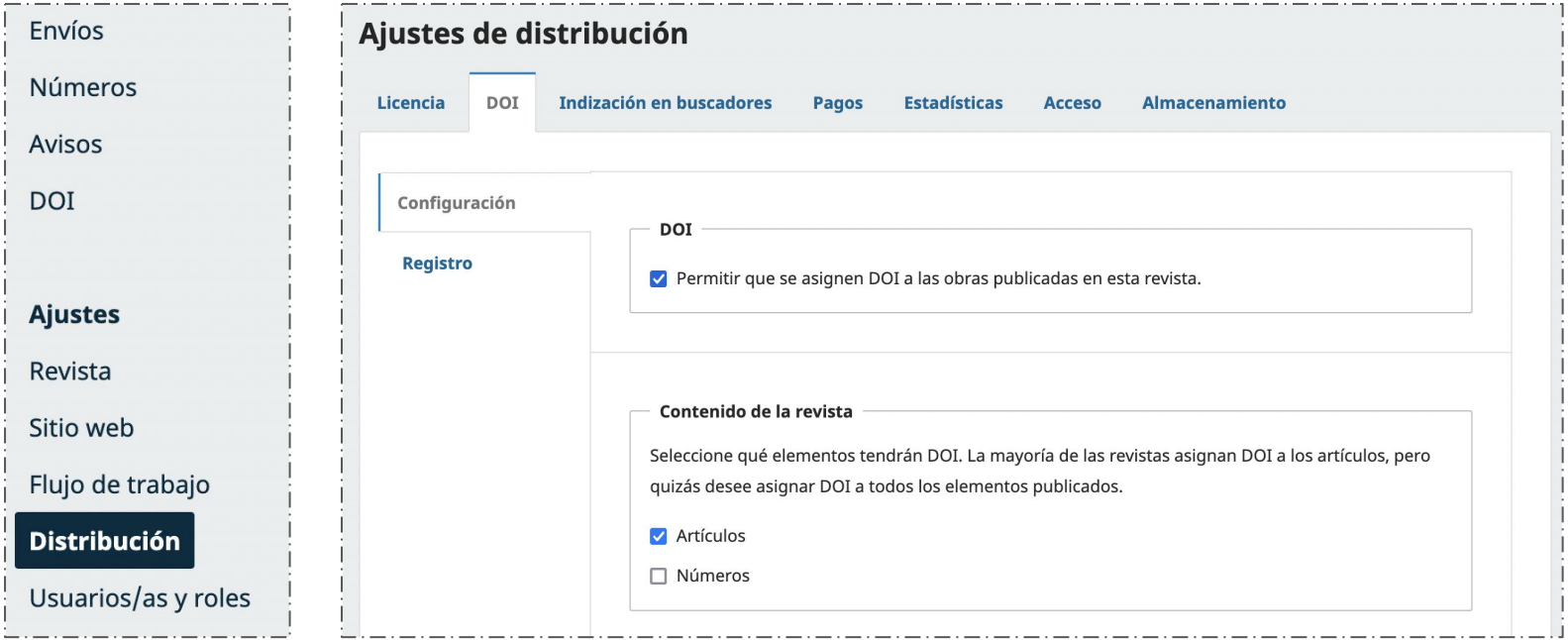
Cargar referencias a los artículos



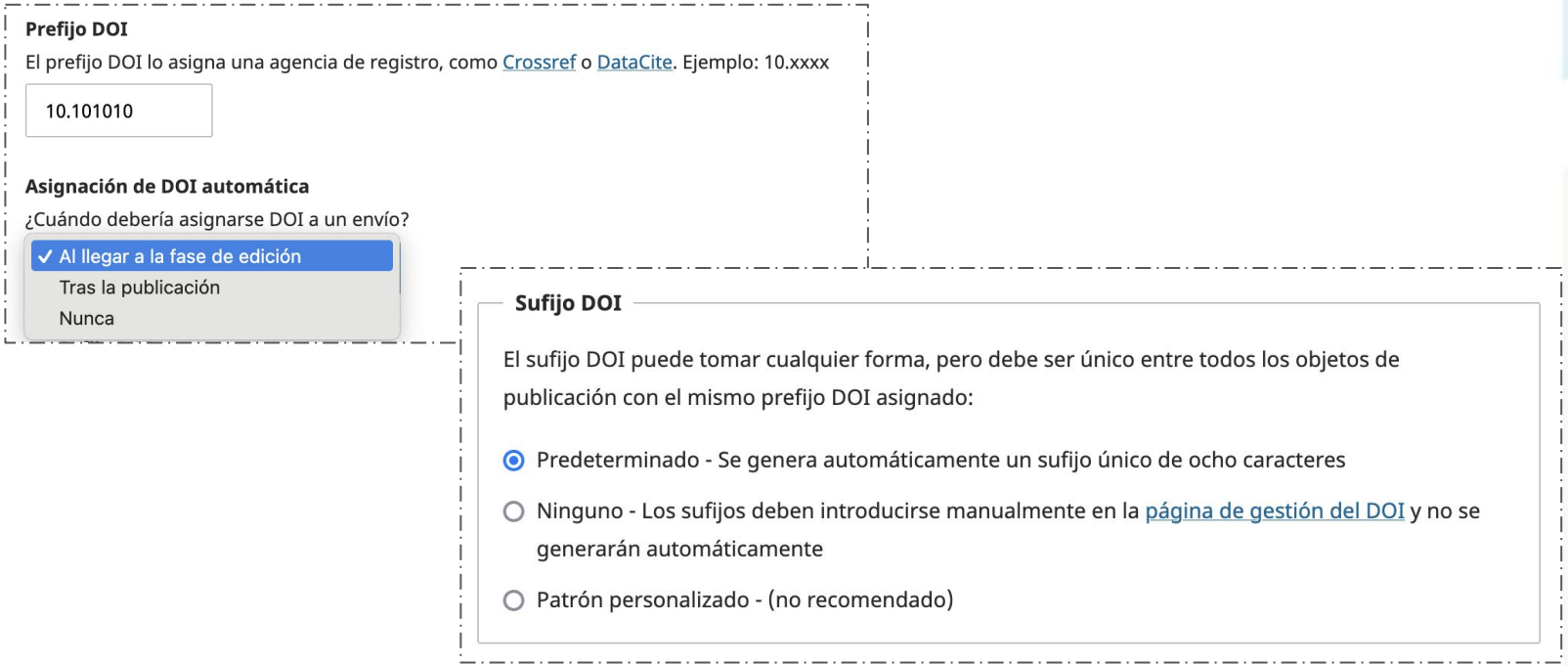
Cargar referencias



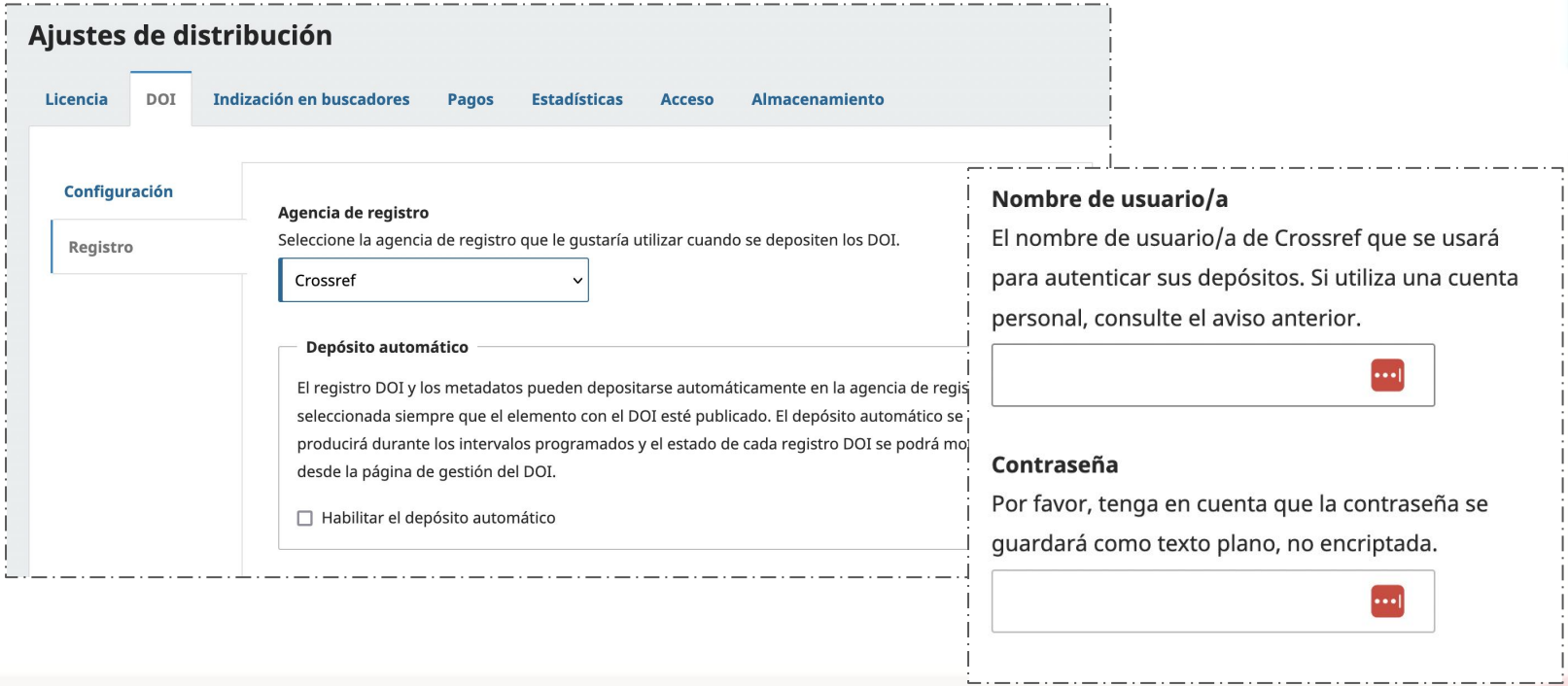
Registrar DOIs con OJS 3.4 (1)



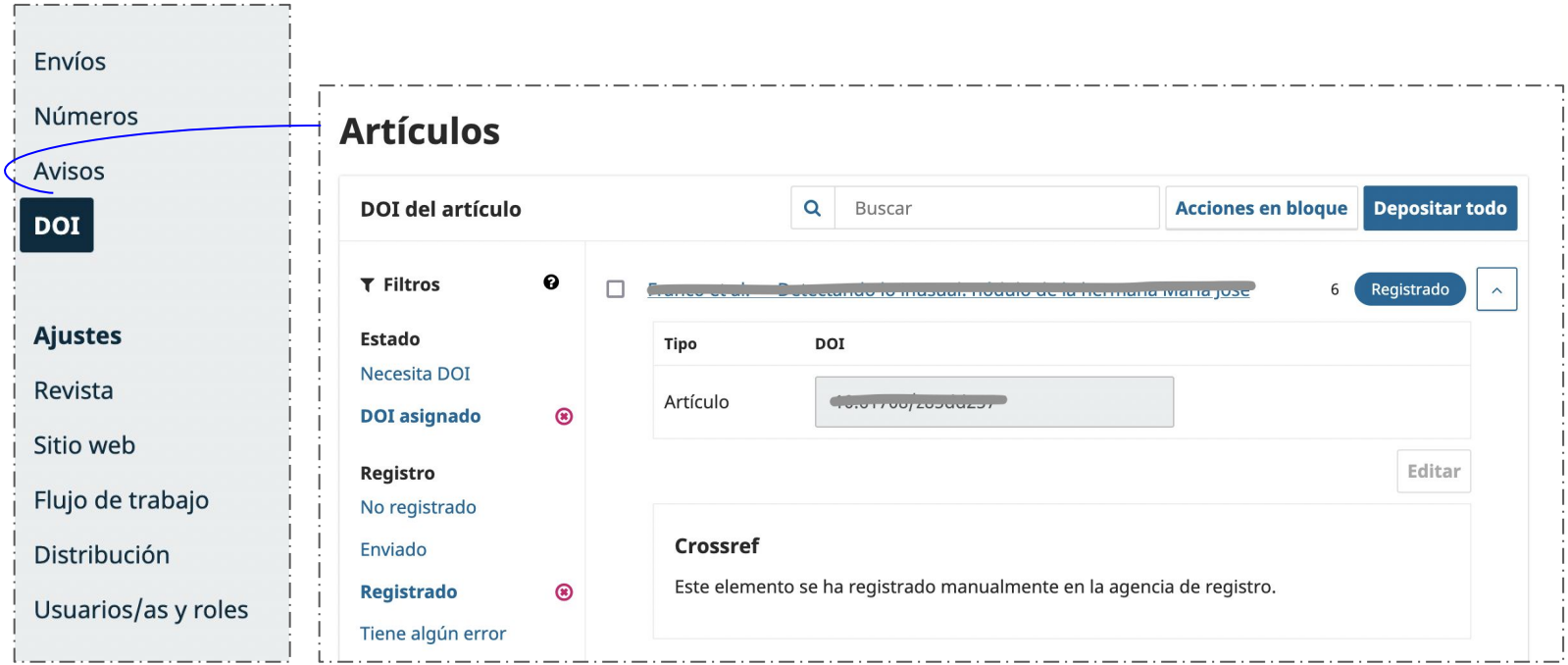
Registrar DOIs con OJS 3.4 (2)



Registrar DOIs con OJS 3.4 (3)

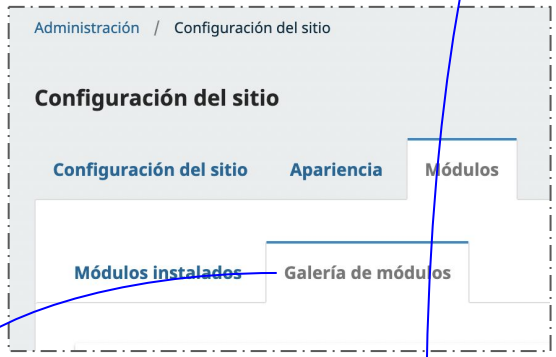


Registrar DOIs con OJS 3.4 (4)



Plugin
Reference Linking

Plugin Reference Linking 3.3



Crossref Reference Linking Plugin ×

Bozana Bokan
Public Knowledge Project

https://github.com/pkp/crossrefReferenceLinking

Módulo instalado y actualizado.

Oficial
Este módulo es desarrollado y mantenido por el equipo de Public Knowledge Project.

v1.0.2.1 publicada el 2021-03-27

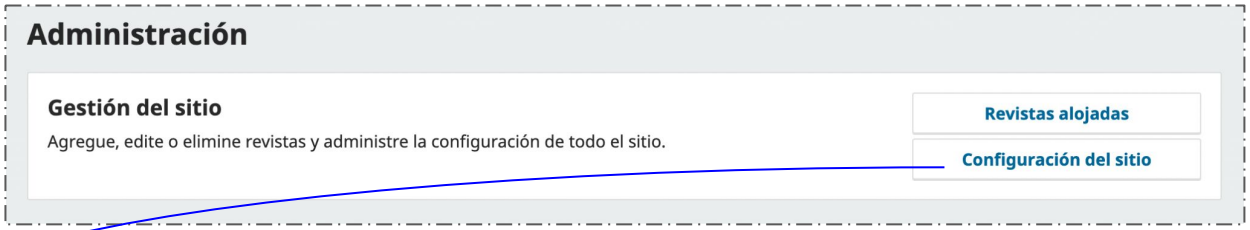
Bugfix release of the plugin for OJS 3.3.0

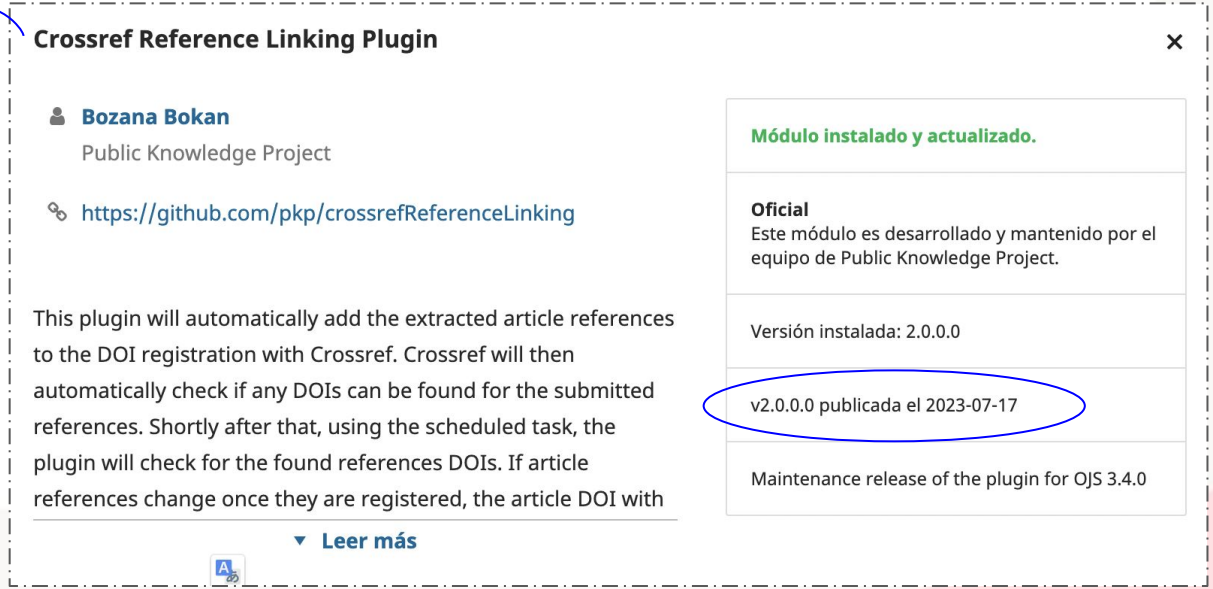
This plugin will automatically add the extracted article references to the DOI registration with Crossref. Crossref will then automatically check if any DOIs can be found for the submitted references. Shortly after that, using the scheduled task, the plugin will check for the found references DOIs. If article references change once they are registered, the article DOI with the new references will have to be registered anew. Then the check for the found references DOIs will be done again.

This plugin requires Crossref DOIs to be assigned to articles, article references to be separately entered and extracted, as well as article DOIs to be deposited to Crossref from within OJS. It uses the Crossref Export/Registration plugin settings: Crossref credentials (username and password), as well as the setting for the testing mode.

Crossref Reference Linking Plugin	Automatically add the extracted article references to the DOI registration with Crossref	Actualizado

Plugin Reference Linking 3.4





Consideraciones importantes

- El plugin debe ser instalado por un usuario con el rol de Administrador

- Las tareas programadas (Scheduled tasks) deben estar habilitadas y configuradas correctamente.

  Mayor información:
  https://github.com/pkp/crossrefReferenceLinking
  https://docs.pkp.sfu.ca/learning-ojs/

Biblioteca de XML

To deposit your XML files with Crossref, you have a choice of three methods:

- Upload JATS XML using the web deposit form
- Upload XML files using our admin tool
- XML deposit using HTTPS POST

If you're making your deposits via the admin tool or HTTPS POST, you can use our test system.

Buenas prácticas para los metadatos

Crossref
CELEBRATING 25 YEARS

Biblioteca de XML

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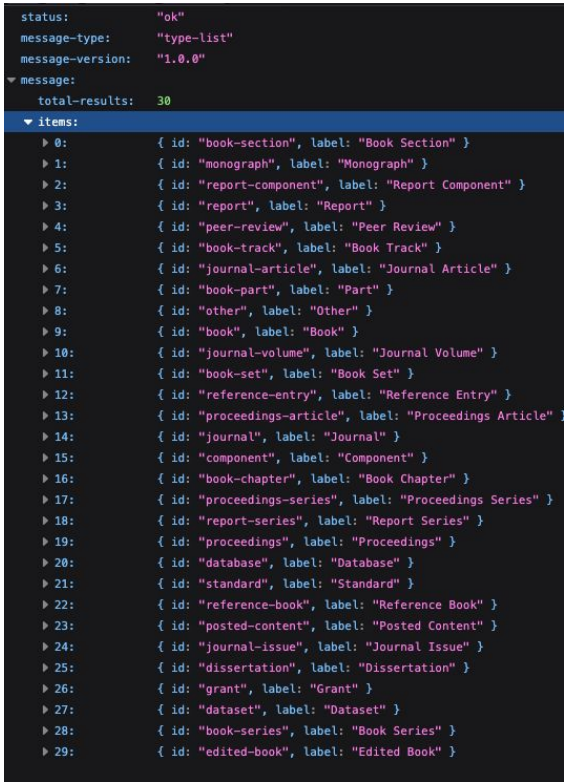
Biblioteca de XML



https://api.crossref.org/works/?filter=type:book,type:book-section,type:monograph,type:book-chapter&rows=0

[Guía de marcaje de libros]

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Ayuda adicional

Nuestra documentación: www.crossref.org/documentation

Foro comunitario: https://community.crossref.org/

Contáctanos: support@crossref.org

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¡Gracias!

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