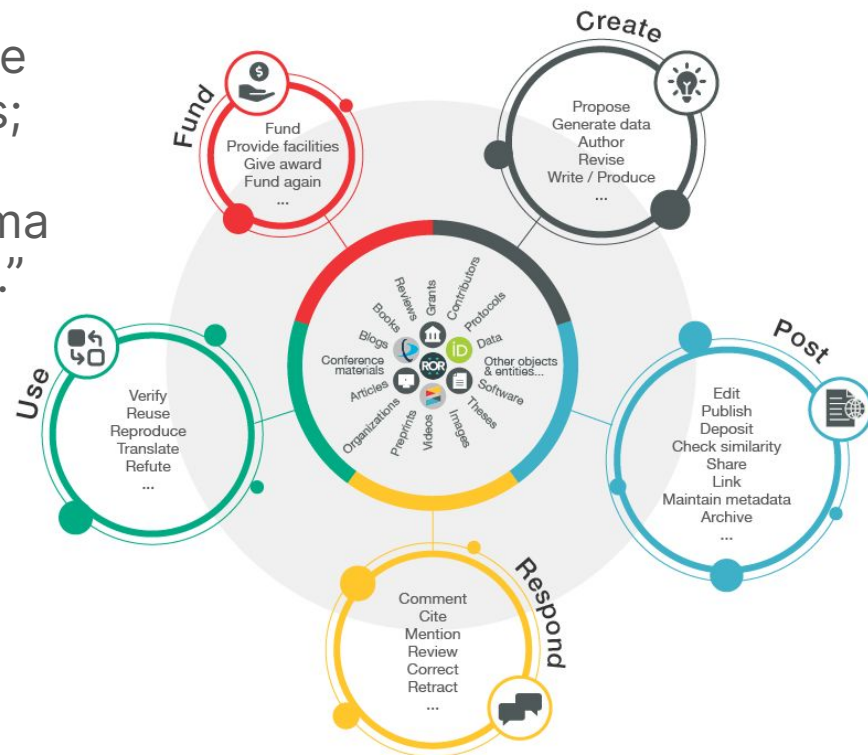


Una intro a la API de Crossref

El ‘nexo de investigación’

“Una **red** abierta, rica y reutilizable de **relaciones** que conecta organizaciones de investigación, personas, cosas y acciones; un registro académico en el que la comunidad global puede construir de forma permanente, en beneficio de la sociedad..”

Los **Metadatos** son el hilo conductor que se teje para producir esta red





Hacemos estos metadatos abiertos a través de nuestra REST API

Un software intermediario que permite que dos aplicaciones se comuniquen entre sí.

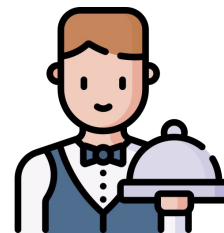
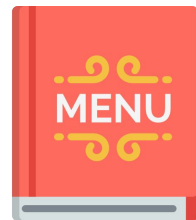


Cliente \Leftrightarrow Camarero \Leftrightarrow Cocinero

zotero



OpenStreetMap



Para búsquedas rápidas

<https://search.crossref.org/>



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Search the metadata
of journal articles, books, standards,
datasets & more

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Para búsquedas rápidas

FACET BROWSING CURRENTLY UNAVAILABLE

Q 10.1371/journal.pbio.3002362

SORT BY: **RELEVANCE** PUBLICATION YEAR

PAGE 1 OF 1 RESULTS

Showing DOI matching **10.1371/journal.pbio.3002362**

Open Science 2.0: Towards a truly collaborative research ecosystem

JOURNAL ARTICLE published **19 October 2023** in **PLOS Biology**

Authors: Robert T. Thibault | Olavo B. Amaral | Felipe Argolo | Anita E. Bandrowski | Alexandra R. Davidson | Natascha I. Drude

<https://doi.org/10.1371/journal.pbio.3002362> [Actions](#)

Q 0000-0002-6561-3962

SORT BY: **RELEVANCE** PUBLICATION YEAR

PAGE 1 OF 19 RESULTS

Showing results for ORCID matching **0000-0002-6561-3962**

Discrepancy review: A feasibility study of a novel peer review intervention to reduce undisclosed discrepancies between registrations and publications

POSTED CONTENT published

Authors: TARG Meta-Research Group & Collaborators | Robert T. Thibault | Tom E. Hardwicke | Robbie W. A. Clark | Charlotte R. Pennington | Gustav Nilssonne | Aoife O'Mahony | Katie Drax | Jacqueline Thompson | Marcus R. Munafò

<https://doi.org/10.1101/2022.01.18.22269507> [Actions](#)

Reflections on Preregistration: Core Criteria, Badges, Complementary Workflows

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Authors: Robert T. Thibault | Charlotte Rebecca Pennington | Marcus Robert Munafò

<https://doi.org/10.31234/osf.io/w6tj4> [Actions](#)

Research Ethics Committees as an intervention point to promote a priori sample size calculations

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<https://doi.org/10.31222/osf.io/5sehd> [Actions](#)

🔍 Title, author, DOI, ORCID iD, etc.



Link References

Match references to DOIs using Crossref Metadata Search fuzzy matching

Paste references into the box below, making sure that there is one reference on each line. You may copy and paste the references section of an article but must adjust the references to one-per-line. This tool does not understand reference numbering.

Agudo AI, Viloria AL, Coty JR & Acosta RJ. 1994. Cetofauna (Mammalia: Cetacea) del Estado Zulia, Venezuela nor-occidental. *Anartia* 5:1-23.

Barrios-Garrido H, Boher-Bentti S, De Turris-Morales K, Espinoza-Rodriguez N, Ferrer-Pérez A, Herrera-Trujillo OL, León T, Oviedo L, Pirela D, Portocarrero-Aya M, Sánchez-Criollo L, Trujillo F & Bolaños-Jiménez J. 2015. Tonina costera, *Sotalia guianensis*. in JP Rodriguez, A Garcia-Rawlins, and F Rojas-Suarez, editors. *Libro Rojo de la Fauna Venezolana*. Provita, Fundacion Empresas Polar, Caracas, Venezuela.

Barrios-Garrido H, Bolivar J, Benavides L, Viloria J, Dugarte-Contreras FN & Wildermann N. 2017. Evaluación de la pesquería de palangre artesanal y su efecto en la Raya Hocicona (*Dasyatis guttata*) en Isla Zapara-Golfo de Venezuela. *Latin american journal of aquatic research* 45:302-310.

Q Title, author, DOI, ORCID iD, etc.

Link References

Queried for 3 references

Reference

Agudo AI, Vilorio AL, Coty JR & Acosta RJ. 1994. Cetofauna (Mammalia: Cetacea) del Estado Zulia, Venezuela nor-occidental. *Anartia* 5:1-23.

Result
score too
low

Barrios-Garrido H, Boher-Bentti S, De Turrís-Morales K, Espinoza-Rodríguez N, Ferrer-Pérez A, Herrera-Trujillo OL, León T, Oviedo L, Pirela D, Portocarrero-Aya M, Sánchez-Criollo L, Trujillo F & Bolaños-Jiménez J. 2015. Tonina costera, *Sotalia guianensis*. In JP Rodríguez, A García-Rawlins, and F Rojas-Suarez, editors. Libro Rojo de la Fauna Venezolana. Provita, Fundación Empresas Polar, Caracas, Venezuela.

<http://dx.doi.org/10.3389/fmars.2020.594021>

Barrios-Garrido H, Bolívar J, Benavides L, Vilorio J, Dugarte-Contreras FN & Wildermann N. 2017. Evaluación de la pesquería de palangre artesanal y su efecto en la Raya Hocicona (*Dasyatis guttata*) en Isla Zapara-Golfo de Venezuela. *Latin American journal of aquatic research* 45:302-310.

<http://dx.doi.org/10.3856/vol45-issue2-fulltext-6>



Crossref

Hacemos estos metadatos abiertos a través de nuestra REST API

<https://api.crossref.org/>



/swagger-docs

Explore

Crossref Unified Resource API ^{0.1}

[/swagger-docs](#)

Preamble

The Crossref REST API is one of [a variety of tools and APIs](#) that allow anybody to search and reuse our members' metadata in sophisticated ways.

If you read nothing else, please at least look at the [API TIPS](#) document and the "Etiquette" section of this document. It will save you (and us) much heartburn.

Para recordar...

Hay tres niveles de acceso a los metadatos con la API:

- **Publico.** Gratis, totalmente anónimo.
- **Cortés.** Gratis, incluyendo tu correo electrónico (recomendado).¹
 - Sólo usamos esta información para contactar al usuario en caso de dificultades técnicas.
 - Incluir 'mailto' field en la búsqueda en la API.
- **Plus.** Servicio premium, obtienes:
 - Un acuerdo sobre el nivel de servicio garantizando servicio y soporte extra, ofreciendo una experiencia consistente y predecible.
 - Características adicionales como snapshots y servicio/ límites de transferencia prioritarias.

¹ Nos deshacemos de esta información luego de 90 días.

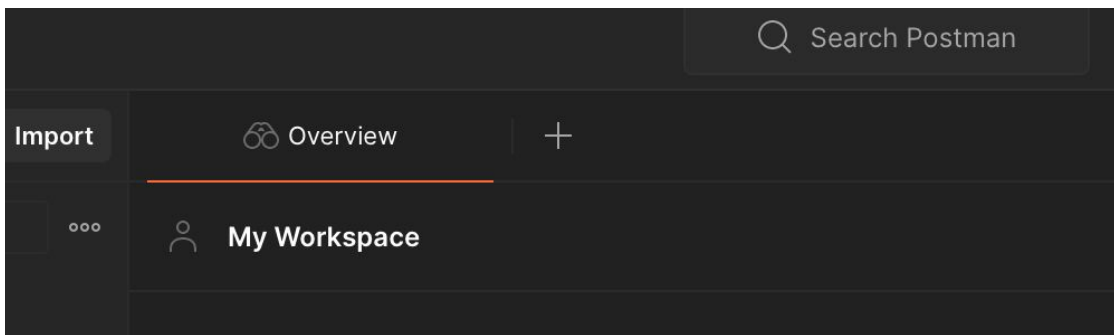
¿Cómo se hace...?

Podemos hacer las operaciones usando una interfaz de línea de comandos o pegando nuestras queries directamente en el navegador.

Alternativamente, podemos usar un cliente API, que son herramientas poderosas para manejar nuestras solicitudes de metadatos



POSTMAN



¿Cómo se hace...?

`https://api.crossref.org/v1/funders?query=german+research+foundation&mailto=your.name@org.org`

Server

Endpoints

?Parámetros

GET



Enter URL or paste text

Send



La ubicación de los datos

“Ubicaciones digitales” donde la API recibe solicitudes sobre recursos específicos

Determinan el tipo de acción que queremos realizar sobre los recursos

Funders

Endpoints that expose funder related data

GET /funders/{id}/works

GET /funders/{id}

GET /funders

Journals

Endpoints that expose journal related data

GET /journals

GET /journals/{issn}

GET /journals/{issn}/works

Works

Endpoints that expose works related data

GET /works/{doi}

GET /works

GET /works/{doi}/agency

Prefixes

Endpoints that expose prefix related data

GET /prefixes/{prefix}/works

GET /prefixes/{prefix}

Members

Endpoints that expose member related data

GET /members/{id}/works

GET /members/{id}

GET /members

Types

Endpoints that expose type related data

GET /types/{id}

GET /types

GET /types/{id}/works

Veamos algunos ejemplos básicos

Construyamos una query para recuperar artículos

`https://api.crossref.org/works/?filter=type:journal-article`



The screenshot shows a REST client interface with the following elements:

- Method: GET
- URL: `https://api.crossref.org/works/?filter=type:journal-article`
- Buttons: Send, Cookies
- Navigation tabs: Params (selected), Auth, Headers (6), Body, Pre-req., Tests, Settings
- Section: Query Params
- Table of Query Params:

<input checked="" type="checkbox"/>	Key	Value	Description	⋮ Bulk Edit
<input checked="" type="checkbox"/>	filter	type:journal-article		
	Key	Value	Description	

Veamos algunos ejemplos básicos

GET `https://api.crossref.org/works/?filter=type:journal-article&mailto=youremail@company.org` Send

Params • Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

<input checked="" type="checkbox"/>	Key	Value	Description	⋮ Bulk Edit
<input checked="" type="checkbox"/>	filter	type:journal-article		
<input checked="" type="checkbox"/>	mailto	youremail@company.org		
	Key	Value	Description	

`https://api.crossref.org/works/?filter=type:journal-article&mailto=`

```
{
  "first_name": "John",
  "last_name": "Smith",
  "is_alive": true,
  "age": 27,
  "address": {
    "street_address": "21 2nd Street",
    "city": "New York",
    "state": "NY",
    "postal_code": "10021-3100"
  },
  "phone_numbers": [
    {
      "type": "home",
      "number": "212 555-1234"
    },
    {
      "type": "office",
      "number": "646 555-4567"
    }
  ],
  "children": [
    "Catherine",
    "Thomas",
    "Trevor"
  ],
  "spouse": null
}
```

```
1 {
2   "status": "ok",
3   "message-type": "work-list",
4   "message-version": "1.0.0",
5   "message": {
6     "facets": {},
7     "total-results": 105389729,
8     "items": [
9       {
10        "indexed": {
11          "date-parts": [
12            [
13              2022,
14              3,
15              29
16            ]
17          ],
18          "date-time": "2022-03-29T01:46:58Z",
19          "timestamp": 1648518418368
20        },
21        "reference-count": 0,
22        "publisher": "Ovid Technologies (Wolters Kluwer Health)",
23        "issue": "5",
24        "license": [
25          {
26            "start": {
27              "date-parts": [
28                [
29                  2007,
30                  5,
31                  1
32                ]
33              ],
34              "date-time": "2007-05-01T00:00:00Z".
```


GET `https://api.crossref.org/works/?filter=type:journal-article,from-pub-date:2020,has-funder:true&mailto=youremail@company.org&cursor=*`

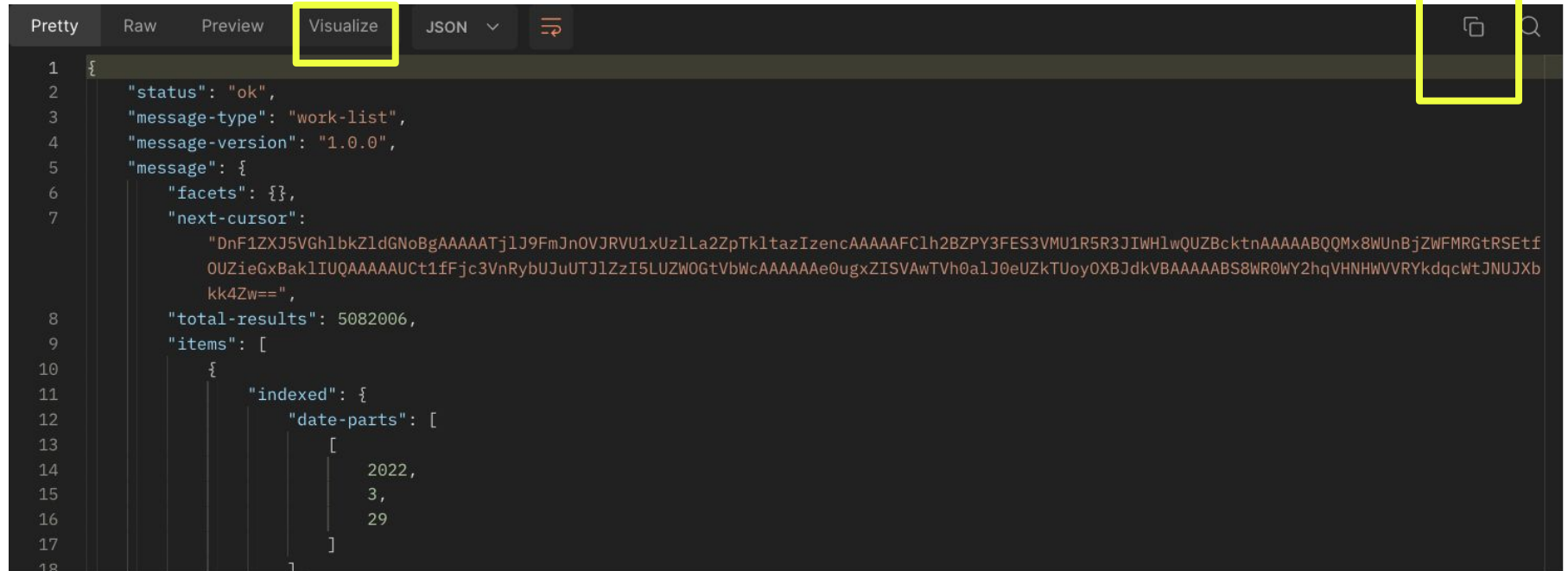
Params • Authorization Headers (6) Body Pre-request Script Tests Settings

<input type="checkbox"/>	Key	Value	Description
<input checked="" type="checkbox"/>	filter	type:journal-article,from-pub-date:2020,has-funder:true	
<input checked="" type="checkbox"/>	mailto	youremail@company.org	
<input checked="" type="checkbox"/>	cursor	*	
<input type="checkbox"/>	cursor	DnF1ZXJ5VGhbkZldGN0BaAAAATiazWFmJnOVJRVU1xU...	

Body Cookies (2) Headers (18) Test Results 🌐 Status: 200 OK Time: 2.92 s Size: 164.66 KB

`https://api.crossref.org/works/?filter=type:journal-article,from-pub-date:2020,has-funder:true&mailto=youremail@company.org&cursor=*`

<https://www.convertcsv.com/json-to-csv.htm>



The image shows a screenshot of a web-based JSON viewer. The interface has a dark theme. At the top, there are several tabs: 'Pretty', 'Raw', 'Preview', 'Visualize', 'JSON', and a refresh icon. The 'Visualize' tab is highlighted with a yellow box. In the top right corner, there is a copy icon, also highlighted with a yellow box. The main area displays a JSON object with the following structure:

```
1 {
2   "status": "ok",
3   "message-type": "work-list",
4   "message-version": "1.0.0",
5   "message": {
6     "facets": {},
7     "next-cursor":
8       "DnF1ZXJ5VGhlbkZldGNoBgAAAAATjJ9FmJnOVJRvU1xUz1La2ZpTk1tazIzencAAAAAFC1h2BZPY3FES3VMU1R5R3JIwH1wQUZBcktnAAAAABQQMx8WUnBjZWFMRGtRSEtf
9       OUZieGxBak1IUQAAAAAUCT1fJjc3VnRybUJuUTJlZzI5LUZlW0GtVbWcAAAAAAe0ugxZISVAwTVh0a1J0eUZkTUoyOXBJdkVBAAAAABS8wR0wY2hqVHNHwVVRykdcWtJNUJXb
10      kk4Zw==",
11     "total-results": 5082006,
12     "items": [
13       {
14         "indexed": {
15           "date-parts": [
16             [
17               2022,
18               3,
19               29
20             ]
21           ]
22         }
23       }
24     ]
25   }
26 }
```

https://www.convertcsv.com/json-to-csv.htm

Pretty Raw Preview Visualize

DOI	Title
10.1007/s11033-020-05524-1	Unpredicted central inversion in a sgRNA flanked by inverted repeats
10.1155/2020/5713869	Laboratory Evaluation on Performance of Fiber-Modified Asphalt Mixtures Containing High Percentage of RAP
10.1007/s11250-020-02271-0	Nutritional status of grazing Lowline Angus crossbred supplemented with fermented cassava starch residue
10.1016/j.eururo.2020.09.029	Quality-of-life Benefits and Harms from Prostate Radiotherapy in Patients with Low-burden Metastatic Prostate Cancer
10.1007/s40306-020-00391-1	Permutation Groups Induced by Derksen Groups in Characteristic Two
	Multi-Properties of the Lowest Order of High-Dimensional Groups, Cosets, and Cosetates

Visualize response as table
Added table for visualizing the response

5 minutes ago

- Test for response...
- Visualize response...
- Save a field from response
- Fix tests
- Add more tests
- Add documentation

Hi! How can I help?

!Gracias!

- Documentation: <https://www.crossref.org/documentation/>
- Email support@crossref.org
- Community Forum: <https://community.crossref.org>
- Webinars & events: <https://www.crossref.org/events/>