



Un curso práctico e intensivo sobre las APIs de Scopus

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Abril 2019



Vídeo FECyT Scopus

- <https://youtu.be/KSaz-CmQq6Q>



Agenda

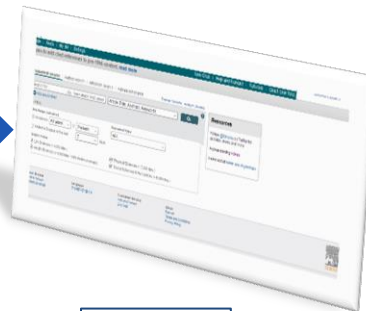
- ¿Qué es una API (Application Programming Interface)?
- Las APIs de Scopus
- Familiarizarse con las APIs a través de las APIs interactivas
 1. Búsqueda en Scopus
 2. Recuento de Citas de artículo y sus aplicaciones (ej. página Web de revista o institucional)
 3. Recuperación del autor
- API REST es un recurso Web identificado por una URL: estructura de la URL (localizador uniforme de recurso) a través de ejemplos
- Restricciones técnicas: configuración predeterminada de la clave API
- Restricciones legales: las políticas de casos de uso



¿Qué es una API ?

- Es una forma de consultar Scopus de forma automatizada sin la interacción humana
- Las APIs ofrecen las mismas funcionalidades de la interfaz de usuario de Scopus y permiten que los programas, en lugar de los humanos, consulten, encuentren y devuelvan los datos en Scopus

Consulta con el teclado



Scopus



VS

[https://api.elsevier.com/content/search/scopus?query=TITLE-ABS-KEY%20\(%20mars%20AND%20water%20\)&apiKey=a4eb62a9e998d5b2f81177b96838fd3](https://api.elsevier.com/content/search/scopus?query=TITLE-ABS-KEY%20(%20mars%20AND%20water%20)&apiKey=a4eb62a9e998d5b2f81177b96838fd3)



Scopus API

Solicitud

Respuesta

Scopus



Ejemplos de uso de APIs

Scopus

Scopus API

Petición de datos de campos específicos hecha a través de API

Solicitud

“Federated Search”

R e s p u e s t a

Datos enviados a una web

Extracción de datos en bruto para informes y análisis

Búsqueda y recuperación de documentos para el repositorio institucional



Ejemplos “Live” 1

- Science Direct APIs
- University of Florida – repositorio institucional
- <http://ufdc.ufl.edu/elsevier>



UF George A Smathers Libraries University of Florida Digital Collections

UFDC Home myUFDC Home Help

Elsevier

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Search Collection: PRINT SEND ADD SHARE Go

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About the Elsevier Collection

The George A. Smathers Libraries at the University of Florida (UF) and Elsevier have embarked on a pilot project to maximize visibility, impact and dissemination of articles by UF researchers that have published in Elsevier journals. Article links and metadata are automatically delivered to UF's institutional repository (IR@UF) through ScienceDirect application programming interfaces (APIs) that are freely available to libraries. The content for these materials is held by Elsevier but is accessible through the IR@UF.

The pilot includes both open access and subscription articles. Open access articles, which are available to everyone, are identified by an icon in the search results. Users who are off campus should remember to log in to their institutional VPN or otherwise connect to a campus recognized IP address to facilitate access to subscription materials.

For more information about the pilot project, please see the [press release](#).

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Ejemplos “Live” 1

- Science Direct APIs
- University of Florida – repositorio institucional
- <http://ufdc.ufl.edu/elsevier>
- Enlace al editor

UF George A Smathers Libraries University of Florida Digital Collections

Elsevier

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All Items 1 - 20 of 42619 matching titles

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Elsevier Ltd. (7338)
Elsevier Ltd. (3481)
Published by Elsevier Inc. (3172)
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Mosby, Inc. (2076)
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Published by Mosby, Inc. (353)
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Subject: Topic
Aging (194)
Rehabilitation (131)
Obesity (107)
Pain (102)
Radiotherapy (102)
Reproduction (92)
stroke (89)
Pregnancy (88)
Dairy Cow (84)
Florida (82)
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Subject: Genre
article (36341)
serial (32384)
Show More >>

1 **The \$64 000 question in diabetes continues...**
Links: (publisher version | internal citation)
Publication Date: 2000-07-01
Creator: Department of Pathology, University of Florida, Gainesville, FL 32610, USA (host institution)
Atkinson, Mark A (UF author)
Publisher: Elsevier Ltd.
Format: Pages 4-6
Source Institution: Elsevier Ltd.
Publisher version PDF available

2 **(1) Scientific Mudd...**
Links:
Publication Date:
Creator:
Elsevier authorizing ...
Publisher:
Format:
Subjects:
Source Institution:

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THE LANCET
Volume 356, Issue 9223, 1 July 2000, Pages 4-6

Commentary
The \$64 000 question in diabetes continues...
Mark A Atkinson*
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[https://doi.org/10.1016/S0140-6736\(00\)02421-1](https://doi.org/10.1016/S0140-6736(00)02421-1) Get rights and content

Refers to Tobias Lohmann, Mohammed Hawa, R David G Leslie, Russell Lane, Jean Picard, Marco Londei
[Immune reactivity to glutamic acid decarboxylase 65 in stiff-man syndrome and type 1...](#)
The Lancet, Volume 356, Issue 9223, 1 July 2000, Pages 31-35
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Referred to by Tobias Lohmann, Mohammed Hawa, R David G Leslie, Russell Lane, Jean Picard, Marco Londei
[Immune reactivity to glutamic acid decarboxylase 65 in stiff-man syndrome and type 1...](#)
The Lancet, Volume 356, Issue 9223, 1 July 2000, Pages 31-35
Download PDF



Ejemplos “Live” 2 (ya no funciona)

- Scopus APIs
- University of Illinois Cancer Center – Herramienta de coautoría para becas
- [http://hades.grainger.illinois.edu/bill/ncc/ncc_group_post.asp?authorname=Jiawei Han](http://hades.grainger.illinois.edu/bill/ncc/ncc_group_post.asp?authorname=Jiawei%20Han)
- Enlace a las citas bibliográficas

The screenshot shows a search results page from the University of Illinois at Urbana-Champaign library. The search criteria are 'Jiawei Han' and 188 results were retrieved. Three results are listed:

- 1**
Title: Individualized knowledge graph: a viable informatics path to precision medicine
Authors: Ping, Peipei; Watson, Karol; Han, Jiawei; Bui, Alex
Source Title: Circulation Research, v. 120(7) p. 1078-1080 31 March 2017
Abstract: Error
Links: Full-Text of Article 0 Citing Articles Scopus link with References
- 2**
Title: Large-scale embedding learning in heterogeneous event data
Authors: Gui, Huan; Liu, Jialu; Tao, Fangbo; Jiang, Meng; Norrick, Brandon; Han, Jiawei
Source Title: Proceedings - IEEE International Conference on Data Mining, ICDM p. 907-912 31 January 2017
Abstract: © 2016 IEEE. Heterogeneous events, which are defined as events connecting strongly-typed objects, are ubiquitous in the real world. We propose a HyperEdge-Based Embedding (HEBE) framework for heterogeneous event data, where a hyperedge represents the interaction among a set of involving objects in an event. The HEBE framework models the proximity among objects in an event by predicting a target object given the other participating objects in the event (hyperedge). Since each hyperedge encapsulates more information on a given event, HEBE is robust to data sparseness. In addition, HEBE is scalable when the data size spirals. Extensive experiments on large-scale real-world datasets demonstrate the efficacy and robustness of HEBE.
Links: Full-Text of Article 3 Citing Articles Scopus link with References
- 3**
Title: Comparative document analysis for large text corpora
Authors: Ren, Xiang; Lv, Yuanhua; Wang, Kuansan; Han, Jiawei
Source Title: WSDM 2017 - Proceedings of the 10th ACM Workshop on Web and Social Media Mining, WSDM 2017, February 2017
Abstract: © 2017 ACM. This paper presents a novel research discovery of commonalities and differences between large text corpora. Given any pair of documents, we automatically identify sets of quality phrases that distinguish each with respect to the other. The framework to derive novel measures on phrase-ground corpus is used for computing phrase-document semantic relevance. Experimental results demonstrate the effectiveness of the proposed documents. Analysis on a 10GB+ text corpus demonstrates that the proposed method on corpora grows linearly as the corpus size increases. Our results show the power of the proposed method on corpora.
Links: Full-Text of Article 1 Citing Articles Scopus link with References

The screenshot shows a Scopus search results page for a query. It indicates that 5 documents have cited the search results. The results are displayed in a table with columns for Document title, Author, Year, Source, and Check.

Document title	Author	Year	Source	Check
1 A Comprehensive Survey of Green Computing, Problems, Techniques, and Applications	Gu, H., Cheng, Y.-H., Cheng, K.-C.	2018	IEEE Transactions on Parallel and Distributed Systems, 29(3):244-261, pp. 248-261	13
2 Gradient Learning for Transpose-Free Sparse Matrix-Vector Multiplication	Gu, H., Tang, J., Han, J.	2018	WSDM 2018 - Proceedings of the 10th ACM International Conference on Web and Social Media Mining, WSDM 2018, February 2018, pp. 488-493	1
3 Fast graph and semantic-aware ranking for academic author co-citation network	Zhang, C., Xu, L., Zhang, K., Zhang, H.	2018	2018 International Joint Conference on Artificial Intelligence, IJCAI 2018, pp. 3442-3451	8



Ejemplos “Live” 3

- Scopus APIs
- [Weill Cornell Medical College](http://vivo.med.cornell.edu/display/cw-id-jak9060)
- <http://vivo.med.cornell.edu/display/cw-id-jak9060>
- Enlace a las citas bibliográficas

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Search

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Jaime Alison Aaronson | Assistant Professor of Anesthesiology

Publications | Background | Contact



- Assistant Professor of Anesthesiology, [Anesthesiology](#), [Weill Cornell Medical College](#) 2016 -
- Instructor in Anesthesiology, [Anesthesiology](#), [Weill Cornell Medical College](#) 2014 - 2016
- Clinical Associate in Anesthesiology, [Anesthesiology](#), [Weill Cornell Medical College](#) 2011 - 2013

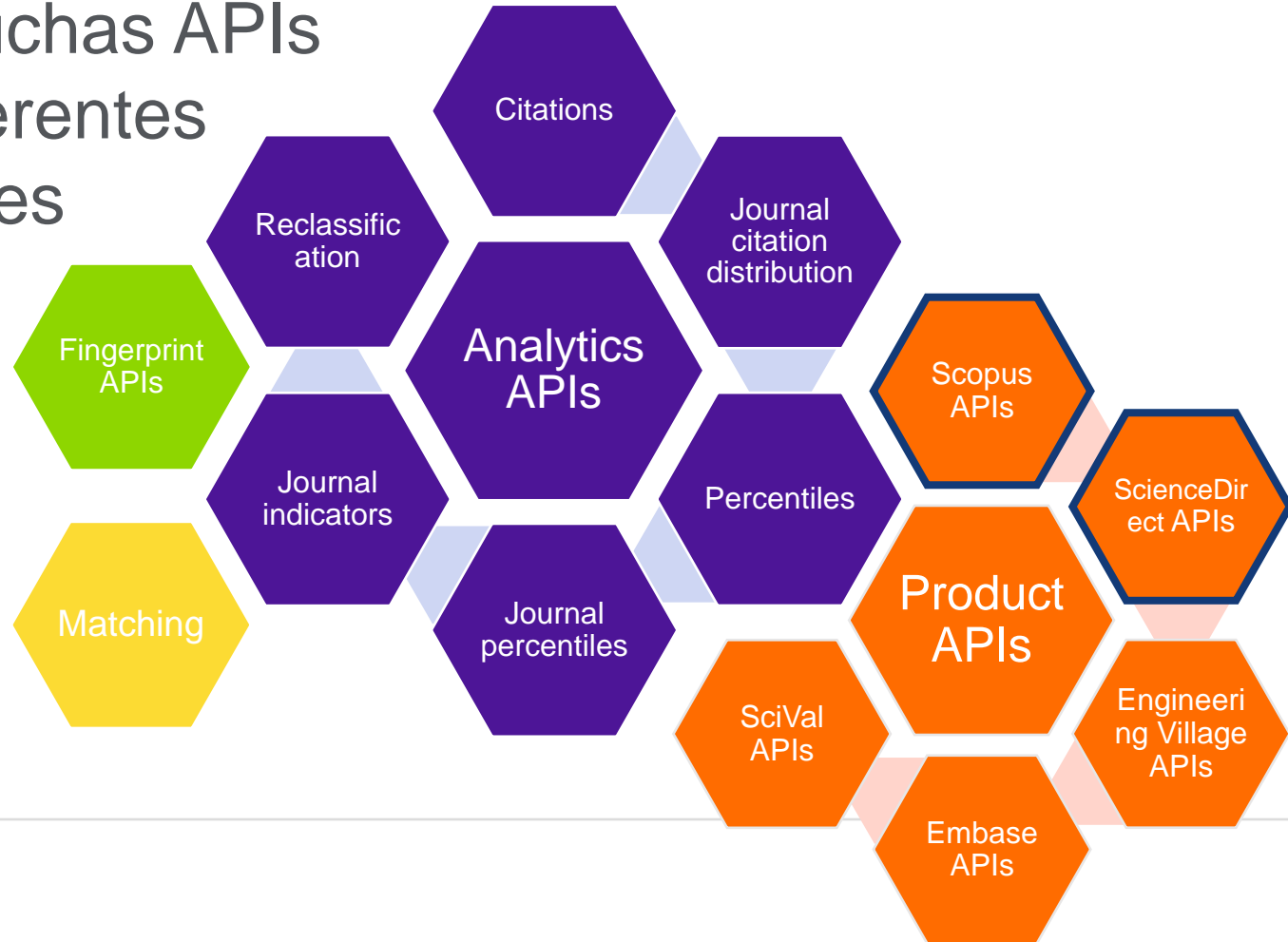
PUBLICATIONS

Selected publications Sort by **Newest** Co-Author Network

- A Survey of Intravenous Remifentanyl Use for Labor Analgesia at Academic Medical Centers in the United States. *Anesthesia and Analgesia*. 2016 **Academic Article** **GET IT**
Times cited: 10



Hay muchas APIs con diferentes funciones



APIs de Scopus

https://dev.elsevier.com/api_docs.html

ScienceDirect APIs	Scopus APIs	Engineering Village APIs	Embase APIs	SciVal API
ScienceDirect Search [Search Tips]	Affiliation Search [Search Tips] Author Search [Search Tips] Scopus Search [Search Tips]	Engineering Village Search API	EMBASE Search	SciVal Author Lookup SciVal Country Lookup SciVal Country Group Lookup SciVal Institution Lookup SciVal Institution Group Lookup
Article Retrieval Article Entitlement Retrieval Article Hosting Permission API Object Retrieval	Abstract Retrieval Affiliation Retrieval Author Retrieval	Engineering Village Retrieval API	EMBASE Retrieval	
Serial Title Metadata Nonserial Title Metadata Subject Classifications	Citations Count Metadata Citations Overview Serial Title Metadata Subject Classifications			
Holdings Report	Author Feedback			
PharmaPendium API				

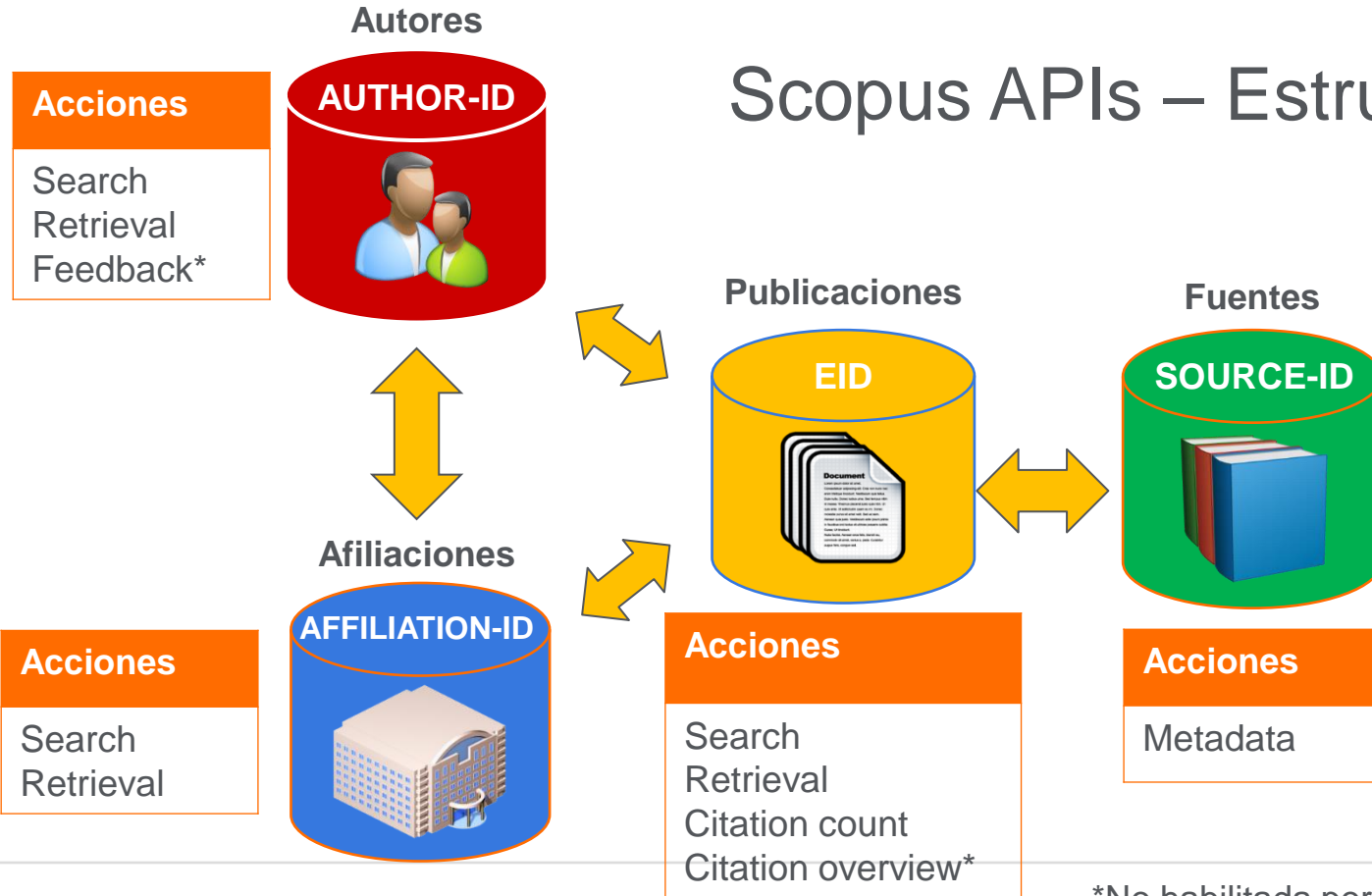
Búsqueda

Recuperación

Análisis



Scopus APIs – Estructura



*No habilitada por defecto

En que consiste una llamada a una API

- Las APIs se basan sobre la arquitectura Web REST
- Hacer una llamada a una API REST es como ir a una dirección web con un navegador, pero en lugar de utilizar un navegador para ir a la dirección manualmente, se utiliza un programa que se dirige a la dirección automáticamente como parte de un script
- La dirección generalmente contiene algunas variables que especifican qué es exactamente lo que desea obtener
- El resultado de una llamada a una API no es un documento HTML que se muestra a un usuario en un navegador, sino un XML (u otro formato) que es procesado por el programa
- Las API usan una clave de API y/o tokens de acceso en lugar del nombre de usuario/contraseña para el acceso



1er Paso: Generación de la API Key

<https://dev.elsevier.com/>

The screenshot shows the Elsevier Developers website. At the top, there is a search bar and navigation links: "My API key", "API Specification", "Interactive APIs", "How to Guides", and "FAQ". A green-bordered notice box contains the text: "NOTICE: Changes are coming to the ScienceDirect Search API! Please see our [migration guide](#) . Article Metadata API now available!". Below the notice, there are two main sections: "Get started today!" and "Product APIs". The "Get started today!" section includes a paragraph and a list of three items: "1. Look at use cases >", "2. Get API Key > Default API key settings", and "3. Start coding > Check out our Python SDK, the Interactive APIs and the How to Guides". An orange arrow points to the second item. The "Product APIs" section lists various API categories with right-pointing chevrons. On the right side, a sign-in modal is open, titled "ELSEVIER Sign in". It prompts the user to enter their password and shows the email "a.migani@elsevier.com". There are fields for "Email" and "Password", a "Stay signed in" checkbox, and a "Sign in" button. A link for "Forgot password?" is also present.

Elsevier Developers

My API key API Specification Interactive APIs How to Guides FAQ

NOTICE: Changes are coming to the ScienceDirect Search API! Please see our [migration guide](#) . Article Metadata API now available!

Get started today!

Elsevier's API program allows you to integrate content and data from Elsevier products into your own website and applications. [Learn more...](#)

1. Look at use cases >
2. Get API Key > [Default API key settings](#)
3. Start coding > Check out our [Python SDK](#), the [Interactive APIs](#) and the [How to Guides](#)

Product APIs

- About APIs >
- Scopus APIs >
- ScienceDirect APIs >
- SciVal API >
- Engineering Village APIs >
- Embase APIs >
- Geofacets APIs >

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4/10/2019

1er Paso: Generación de la API Key

<https://dev.elsevier.com/apikey/create>

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Sign Out

Create API Key

Label ⓘ
Example: MyLabel

Website URL ⓘ
Example: http://my.website.com



1er Paso: Generación de la API Key

https://dev.elsevier.com/apikey/manage

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Sign out

Registered API keys [Create API Key](#)

#	Website URL	Label	API Key
1	http://www.elsevier.com	AnnapaolaAPIKey	a4eb62a9e998d5b2f81f77b96838fd3

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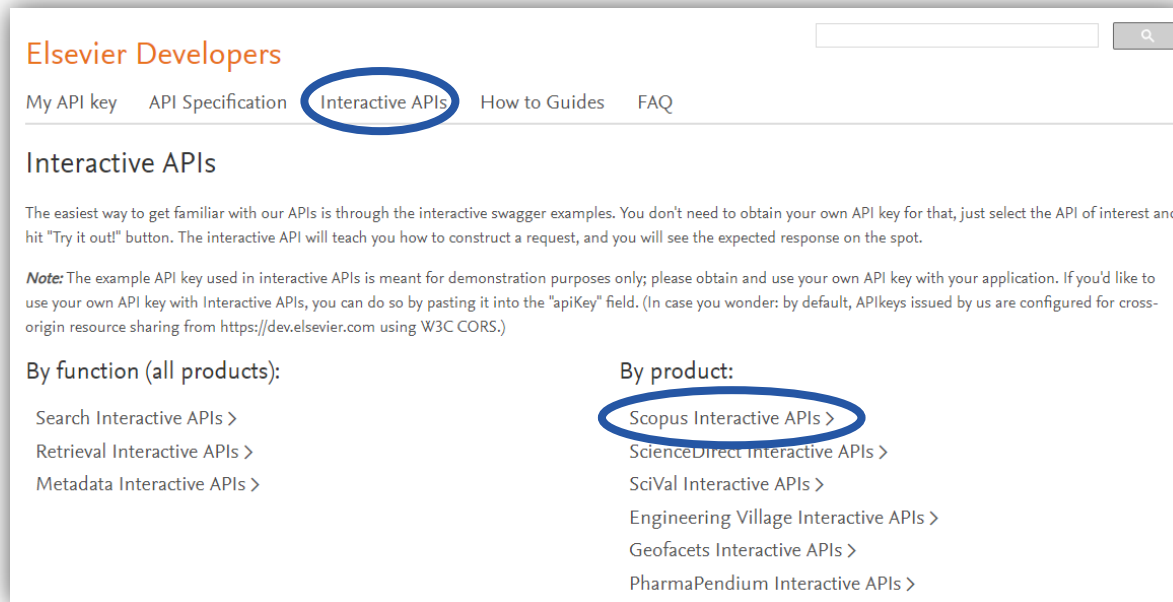
4/10/2019

ELSEVIER

Las APIs interactivas

- La forma más fácil de familiarizarse con las APIs a través de las APIs interactivas

<https://dev.elsevier.com/interactive.html>



Elsevier Developers

My API key API Specification **Interactive APIs** How to Guides FAQ

Interactive APIs

The easiest way to get familiar with our APIs is through the interactive swagger examples. You don't need to obtain your own API key for that, just select the API of interest and hit "Try it out!" button. The interactive API will teach you how to construct a request, and you will see the expected response on the spot.

Note: The example API key used in interactive APIs is meant for demonstration purposes only; please obtain and use your own API key with your application. If you'd like to use your own API key with Interactive APIs, you can do so by pasting it into the "apiKey" field. (In case you wonder: by default, APIkeys issued by us are configured for cross-origin resource sharing from <https://dev.elsevier.com> using W3C CORS.)

By function (all products):

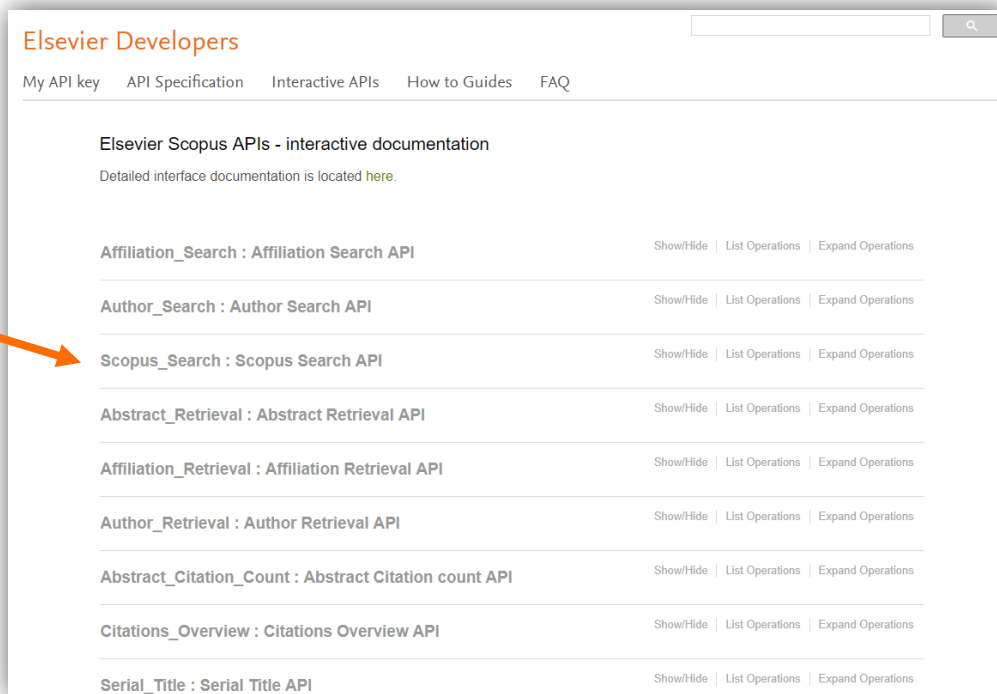
- Search Interactive APIs >
- Retrieval Interactive APIs >
- Metadata Interactive APIs >

By product:

- Scopus Interactive APIs >**
- ScienceDirect interactive APIs >
- SciVal Interactive APIs >
- Engineering Village Interactive APIs >
- Geofacets Interactive APIs >
- PharmaPendium Interactive APIs >



Las APIs interactivas de Scopus



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My API key | API Specification | Interactive APIs | How to Guides | FAQ

Elsevier Scopus APIs - interactive documentation
Detailed interface documentation is located [here](#).

Affiliation_Search : Affiliation Search API	Show/Hide List Operations Expand Operations
Author_Search : Author Search API	Show/Hide List Operations Expand Operations
Scopus_Search : Scopus Search API	Show/Hide List Operations Expand Operations
Abstract_Retrieval : Abstract Retrieval API	Show/Hide List Operations Expand Operations
Affiliation_Retrieval : Affiliation Retrieval API	Show/Hide List Operations Expand Operations
Author_Retrieval : Author Retrieval API	Show/Hide List Operations Expand Operations
Abstract_Citation_Count : Abstract Citation count API	Show/Hide List Operations Expand Operations
Citations_Overview : Citations Overview API	Show/Hide List Operations Expand Operations
Serial_Title : Serial Title API	Show/Hide List Operations Expand Operations

- Ejemplos:
 1. Búsqueda de Scopus

Necesitamos:

1. Consulta de búsqueda
2. API Key



API Búsqueda de Scopus - Scopus Search API

Scopus

Search Sources Alerts Lists Help ▾ SciVal ↗ Anna Paola Migani ▾

6,091 document results

View secondary documents View 10531 patent results Search your library View 12059 Mendeley Data

TITLE-ABS-KEY (mars AND water)

Edit Save Set alert Set feed

Analyze search results Show all abstracts Sort on: Date (newest) ▾

All ▾ CSV export ▾ Download View citation overview View cited by Save to list ...

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/>	1 Assessing the formation of valley networks on a cold early Mars: Predictions for erosion rates and channel morphology	Cassanelli, J.P., Head, J.W.	2019	Icarus 321, pp. 216-231	0
	View abstract ▾ Full Text View at Publisher Related documents				
<input type="checkbox"/>	2 Solid-solid hydration and dehydration of Mars-relevant chlorine salts: Implications for Gale Crater and RSL locations	Gough, R.V., Primm, K.M., Rivera-Valentín, E.G., Martínez, G.M., Tolbert, M.A.	2019	Icarus 321, pp. 1-13	0
	View abstract ▾ Full Text View at Publisher Related documents				



API Búsqueda de Scopus - Scopus Search API

Affiliation_Search : Affiliation Search API	Show/Hide	List Operations	Expand Operations
Author_Search : Author Search API	Show/Hide	List Operations	Expand Operations
Scopus_Search : Scopus Search API	Show/Hide	List Operations	Expand Operations
GET /search/scopus			Scopus Search API
Abstract_Retrieval : Abstract Retrieval API	Show/Hide	List Operations	Expand Operations
Affiliation_Retrieval : Affiliation Retrieval API	Show/Hide	List Operations	Expand Operations
Author_Retrieval : Author Retrieval API	Show/Hide	List Operations	Expand Operations
Abstract_Citation_Count : Abstract Citation count API	Show/Hide	List Operations	Expand Operations
Citations_Overview : Citations Overview API	Show/Hide	List Operations	Expand Operations
Serial_Title : Serial Title API	Show/Hide	List Operations	Expand Operations

GET /search/scopus Scopus Search API

Implementation Notes
Scopus search exposes interfaces associated with Scopus search API.
API key in this example was setup with authorized CORS domains.

Response Class (Status 200)
No response was specified

Model | Model Schema

Response Content Type application/json

Parameters

Parameter	Value	Description	Parameter Type	Data Type
query	TITLE-ABS-KEY (mars AND water)	Scopus search query string	query	string
apiKey	a4eb62a9e998d5b281f77b96838fd3	Your API key	query	string
httpAccept		Requested content type, overrides HTTP header value	query	string
insttoken		Specification for authorization, institution authtoken	query	string
access_token		Specification for active session, secured authtoken	query	string

Try it out!

Request URL

https://api.elsevier.com/content/search/scopus?query=TITLE-ABS-KEY%20(mars%20AND%20water%20)%20&apiKey=a4eb62a9e998d5b281f77b96838fd3

Query

TITLE-ABS-
KEY (mars AND water)

URL encoding

TITLE-ABS-
KEY%20(%20mars%20AND%20water
%20)



Un curso práctico e intensivo sobre las API de Scopus

4/10/2019

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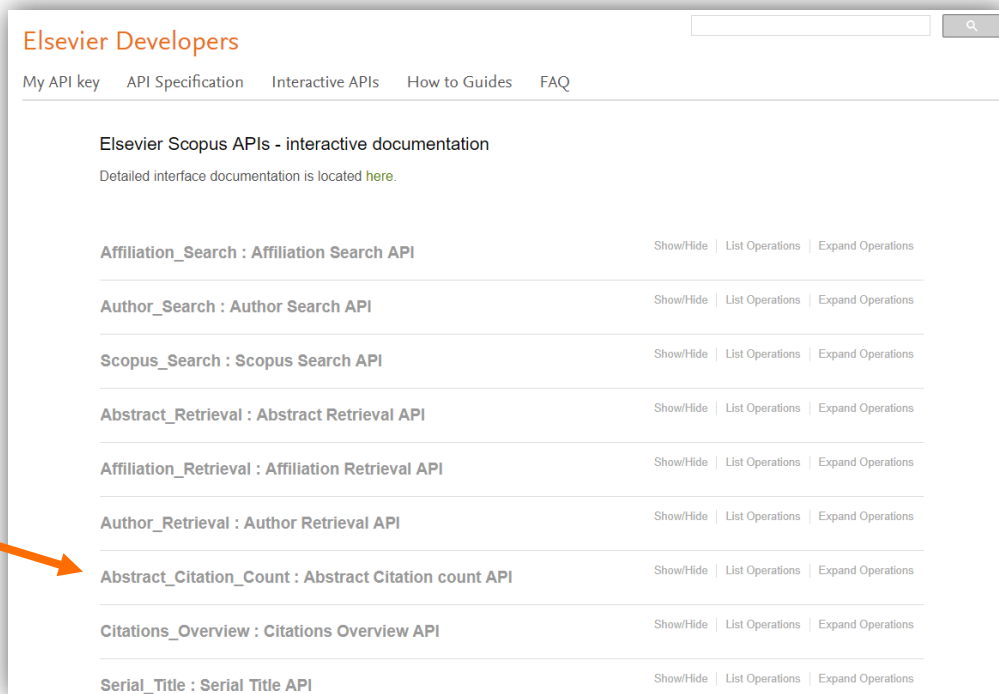
API Búsqueda de Scopus - Scopus Search API

- [https://api.elsevier.com/content/search/scopus?query=TITLE-ABS-KEY%20\(%20mars%20AND%20water%20&apiKey=a4eb62a9e998d5b2f81f77b96838fdf3](https://api.elsevier.com/content/search/scopus?query=TITLE-ABS-KEY%20(%20mars%20AND%20water%20&apiKey=a4eb62a9e998d5b2f81f77b96838fdf3)

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This XML file does not appear to have any style information associated with it. The document tree is shown below.
▼ <search-results xmlns="http://www.w3.org/2005/Atom" xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:opensearch="http://a9.com/-/spec/opensearch/1.1/" xmlns:prism="http://prismstandard.org/namespaces/basic/2.0/"
  xmlns:atom="http://www.w3.org/2005/Atom" xmlns:ctd="http://www.elsevier.com/xml/ctd/dtd">
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  <link ref="first" href="https://api.elsevier.com/content/search/scopus?start=0&count=25&query=TITLE-ABS-KEY%20mars%20AND%20water%20&apiKey=a4eb62a9e998d5b2f81f77b96838fdf3" type="application/xml"/>
  <link ref="next" href="https://api.elsevier.com/content/search/scopus?start=25&count=25&query=TITLE-ABS-KEY%20mars%20AND%20water%20&apiKey=a4eb62a9e998d5b2f81f77b96838fdf3" type="application/xml"/>
  <link ref="last" href="https://api.elsevier.com/content/search/scopus?start=4975&count=25&query=TITLE-ABS-KEY%20mars%20AND%20water%20&apiKey=a4eb62a9e998d5b2f81f77b96838fdf3" type="application/xml"/>
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  <link ref="author-affiliation" href="https://api.elsevier.com/content/abstract/scopus_id/85057049110?field=author_affiliation"/>
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  ▼ <dc:title>
  Assessing the formation of valley networks on a cold early Mars: Predictions for erosion rates and channel morphology
  </dc:title>
  <dc:creator>Cassanelli J.</dc:creator>
  <prism:publicationName>Icarus</prism:publicationName>
  <prism:issn>00191035</prism:issn>
  <prism:eisn>10992643</prism:eisn>
  <prism:volume>321</prism:volume>
  <prism:pageRange>216-231</prism:pageRange>
  <prism:coverDate>2019-03-15</prism:coverDate>
  <prism:coverDisplayDate>15 March 2019</prism:coverDisplayDate>
  <prism:doi>10.1016/j.icarus.2018.11.008</prism:doi>
  <pii>S0019103518300459</pii>
  <citedby-count>0</citedby-count>
  <affilName>Brown University</affilName>
  <affiliation-city>Providence</affiliation-city>
  <affiliation-country>United States</affiliation-country>
  </affiliation>
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  <subTypeDescription>Article</subTypeDescription>
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  <openaccess>0</openaccess>
  <openaccessFlag>false</openaccessFlag>
  </entry>
  ▶ <entry>...</entry>
```



Las APIs interactivas de Scopus



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Elsevier Scopus APIs - interactive documentation
Detailed interface documentation is located [here](#).

Affiliation_Search : Affiliation Search API	Show/Hide List Operations Expand Operations
Author_Search : Author Search API	Show/Hide List Operations Expand Operations
Scopus_Search : Scopus Search API	Show/Hide List Operations Expand Operations
Abstract_Retrieval : Abstract Retrieval API	Show/Hide List Operations Expand Operations
Affiliation_Retrieval : Affiliation Retrieval API	Show/Hide List Operations Expand Operations
Author_Retrieval : Author Retrieval API	Show/Hide List Operations Expand Operations
Abstract_Citation_Count : Abstract Citation count API	Show/Hide List Operations Expand Operations
Citations_Overview : Citations Overview API	Show/Hide List Operations Expand Operations
Serial_Title : Serial Title API	Show/Hide List Operations Expand Operations

- Ejemplos:
 1. Búsqueda de Scopus
 2. Recuento de Citas

- Necesitamos:
1. DOI Publicación
 2. API Key



Un curso práctico y intensivo sobre las API de Scopus

4/10/2019

ELSEVIER

API Recuento de Citas - Citation Count API

Scopus Search Sources Alerts Lists Help ▾ SciVal ↗ Annapaola Migani ▾ ☰

Document details

< Back to results | < Previous 4 of 5 Next >

CSV export ▾ Download Print E-mail Save to PDF Save to list More... >

Full Text Copac View in EMBASE ~~Biosis X~~

PLoS ONE [Open Access](#)
Volume 6, Issue 9, 9 September 2011, Article number e24531

A Gateway Multisite recombination cloning toolkit (Article) [\(Open Access\)](#)

Petersen, L.K., Stowers, R.S. [✉](#) [👤](#)

Department of Cell Biology and Neuroscience, Montana State University, Bozeman, MT, United States


ISSN: 19326203
Source Type: Journal
Original language: English

DOI: [10.1371/journal.pone.0024531](https://doi.org/10.1371/journal.pone.0024531)
PubMed ID: 21931740
Document Type: Article

Metrics 🔍 [View all metrics >](#)

45 🗨️ Citations in Scopus

7.09 📊 Field-Weighted Citation Impact

 PlumX Metrics ▾
Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

4/10/2019

API Recuento de Citas - Citation Count API

Affiliation_Search : Affiliation Search API Show/Hide | List Operations | Expand Operations

Author_Search : Author Search API Show/Hide | List Operations | Expand Operations

Scopus_Search : Scopus Search API Show/Hide | List Operations | Expand Operations

Abstract_Retrieval : Abstract Retrieval API Show/Hide | List Operations | Expand Operations

Affiliation_Retrieval : Affiliation Retrieval API Show/Hide | List Operations | Expand Operations

Author_Retrieval : Author Retrieval API Show/Hide | List Operations | Expand Operations

Abstract_Citation_Count : Abstract Citation count API Show/Hide | List Operations | Expand Operations

GET /abstract/citation-count Cited by in Scopus image

Citations_Overview : Citations Overview API Show/Hide | List Operations | Expand Operations

Serial_Title : Serial Title API Show/Hide | List Operations | Expand Operations

GET /abstract/citation-count Cited by in Scopus image

Implementation Notes
Abstract Citation Count API retrieves Cited by in Scopus image given one of the article identifiers (DOI, PII, pubmed_ID) passed in as query parameter. Optionally, an arbitrary combination of applicable ISSN, ISSN, volume, issue, title, page parameters can be provided to identify the article. API key in this example was setup with authorized CORS domains

Response Class (Status 200)
No response was specified
Model | Model Schema

Response Content Type: image/jpeg

Parameters

Parameter	Value	Description	Parameter Type	Data Type
doi	10.1371/journal.pone.0024531	DOI document identifier. Example: 10.1016/S0014-5793(01)03313-0	query	string
pii		PII document identifier. Example: S001457931033130	query	string
pubmed_id		MEDLINE/pubmed_id document identifier. Example: 11852050	query	string
apiKey	a4eb62a9e998d5b2f81f77b96838fd3	Your API key	query	string
httpAccept		Requested content type, overrides HTTP header value	query	string
insttoken		Specification for authorization, institution auth token	query	string
access_token		Specification for active session, secured auth token	query	string

Request URL

```
https://api.elsevier.com/content/abstract/citation-count?doi=10.1371%2Fjournal.pone.0024531&apiKey=a4eb62a9e998d5b2f81f77b96838fd3
```



Un curso práctico y intensivo sobre las API de Scopus

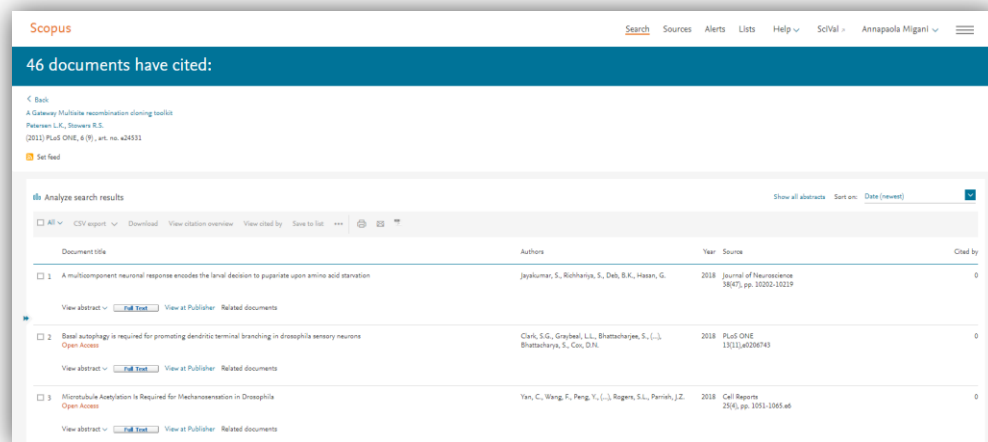
4/10/2019

ELSEVIER

API Recuento de Citas - Citation Count API

- La API de recuento de citas devuelve Cited by en la imagen de Scopus dado uno de los identificadores de artículo (DOI, PII, pubmed_ID) que se ingresaron como parámetro de consulta.
- <https://api.elsevier.com/content/abstract/citation-count?doi=10.1371/journal.pone.0024531&apiKey=a4eb62a9e998d5b2f81f77b96838fdf3>

Cited 45 times in Scopus



The screenshot shows the Scopus search results page for a document. At the top, it states "46 documents have cited:". Below this, there is a table of search results. The table has columns for Document title, Authors, Year, Source, and Cited by. Three results are visible:

Document title	Authors	Year	Source	Cited by
1. A multicomponent neuronal response encodes the larval decision to pupariate upon amino acid starvation	Jaykumar, S., Rethkoria, S., Deb, B.K., Hasan, G.	2018	Journal of Neuroscience 38(47), pp. 10202-10219	0
2. Basal autophagy is required for promoting dendritic terminal branching in drosophila sensory neurons	Clark, S.G., Graybeal, L.L., Bhattacharjee, S., (...), Bhattacharya, S., Cox, D.H.	2018	PLoS ONE 13(11):e0206743	0
3. Microtubule Acetylation Is Required for Mechanosensation in Drosophila	Yan, C., Wang, F., Peng, Y., (...), Rogers, S.L., Parnik, J.Z.	2018	Cell Reports 25(6), pp. 1051-1055.e6	0




Ejemplo de uso API de recuento de citas para web institucional


- Neurology, Baylor College of Medicine (BCM)
- <https://www.bcm.edu/neurology-apps/pubsTEST.cfm?section=dngl>

Neurology


[Baylor College of Medicine](#) > [Departments](#) > [Neurology](#) > [Research](#) > [Journal Articles](#) > [DNGL](#)

Journal Articles – Developmental Neurogenetics Laboratory


Click on the  sign to list the journal publications by year. Then click on the PubMed link for details of that publication.

 2018


[Collapse All](#) | [Expand All](#)

- Chen C, Holth JK, Bunton-Stasyshyn R, Anumonwo CK, Meisler MH, Noebels JL, et al. Mapt deletion fails to rescue premature lethality in two models of sodium channel epilepsy. *Ann Clin Transl Neurol.* 2018;5(8):982-7. PMID: 30128323. [[view publication](#) 

Cited 0 times in **Scopus**

- Frasier CR, Zhang H, Offord J, Dang LT, Auerbach DS, Shi H, et al. Channelopathy as a SUDEP Biomarker in Dravet Syndrome Patient-Derived Cardiac Myocytes. *Stem Cell Reports.* 2018;,. PMID: 30146492. [[view publication](#) 

Cited 0 times in **Scopus**

- Meyer J, Maheshwari A, Noebels J, Smirnakis S. Asynchronous suppression of visual cortex during absence seizures in stargazer mice. *Nat Commun.* 2018;9(1):1938. PMID: 29769525. [[view publication](#) 

Cited 0 times in **Scopus**



Ejemplo de uso API de recuento de citas para web Journal

- PLOS proporciona datos de citas de cada artículo según Scopus

The screenshot shows the PLOS ONE article page for "A Gateway MultiSite Recombination Cloning Toolkit" by Lena K. Petersen and R. Steven Stowers. The article is a research article, open access, and peer-reviewed. It has 187 saves and 44 citations (highlighted with an orange box). It has 26,335 views and 0 shares. The article was published on September 9, 2011, with a DOI of 10.1371/journal.pone.0024531. The page features a navigation bar with "PUBLISH", "ABOUT", and "BROWSE" options, a search bar, and a "sign in" button. Below the article title, there are tabs for "Article", "Authors", "Metrics", "Comments", and "Media Coverage". The "Metrics" tab is selected, showing a dropdown menu. To the right of the article, there are buttons for "Download PDF", "Print", and "Share". At the bottom of the page, there is a "Cited" section with a question mark icon, showing citation counts from Scopus (44, highlighted with an orange box), Crossref (30), Europe PubMed Central (17), Europe PubMed Central Database Citations (29), and Google Scholar (Search).

Category	Count
Save	187
Citation	44
View	26,335
Share	0

Source	Count
SCOPUS	44
Crossref	30
Europe PubMed Central	17
Europe PubMed Central Database Citations	29
Google Scholar	Search

<https://journals.plos.org/plosone/article/metrics?id=10.1371/journal.pone.0024531>



Enlace externo a la página de Scopus

Cited ?

SCOPUS 44	crossref 30	Europe PubMed Central 17	Europe PubMed Central Database Citations 29	Google scholar Search
---------------------	-----------------------	------------------------------------	---	---------------------------------

45 documents have cited:

A Gateway Multisite recombination cloning toolkit
Petersen L.K., Stowers R.S.
(2011) PLoS ONE, 6 (9), art. no. e24531

Search within results...

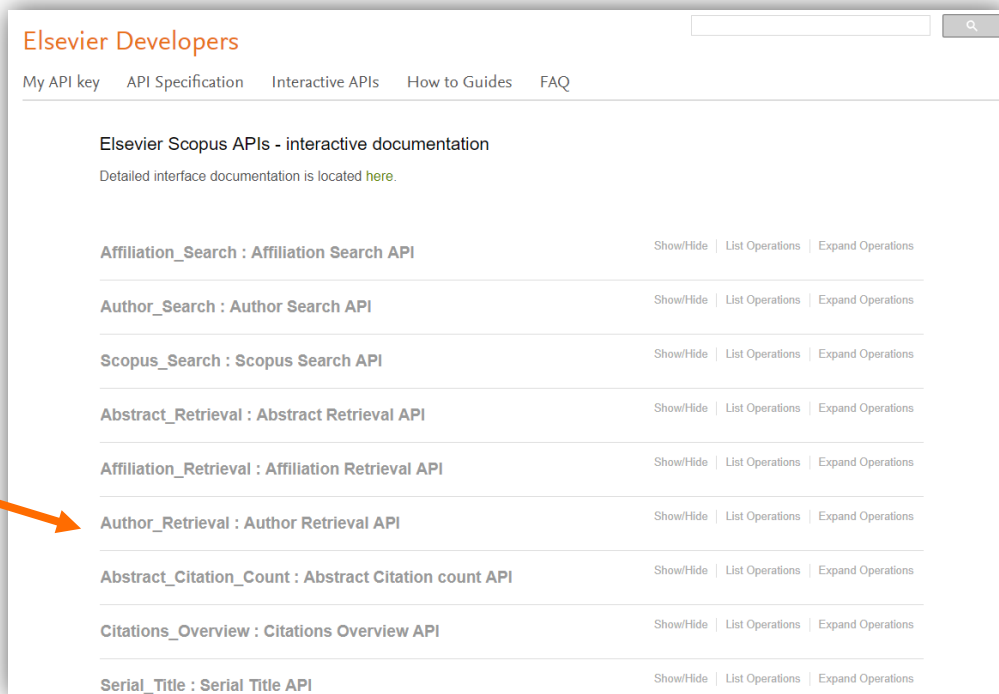
Analyze search results

Document title	Authors	Year	Source	Cited by
Basal autophagy is required for promoting dendritic terminal branching in drosophila sensory neurons Open Access	Clark, S.G., Graybeal, L.L., Bhattacharjee, S., (...), Bhattacharya, S., Cox, D.N.	2018	PLoS ONE 13(11),e0206743	0

- Enlace a las citas bibliográficas



Las APIs interactivas de Scopus: Ejemplo 3



Elsevier Developers

My API key | API Specification | Interactive APIs | How to Guides | FAQ

Elsevier Scopus APIs - interactive documentation
Detailed interface documentation is located [here](#).

Affiliation_Search : Affiliation Search API	Show/Hide List Operations Expand Operations
Author_Search : Author Search API	Show/Hide List Operations Expand Operations
Scopus_Search : Scopus Search API	Show/Hide List Operations Expand Operations
Abstract_Retrieval : Abstract Retrieval API	Show/Hide List Operations Expand Operations
Affiliation_Retrieval : Affiliation Retrieval API	Show/Hide List Operations Expand Operations
Author_Retrieval : Author Retrieval API	Show/Hide List Operations Expand Operations
Abstract_Citation_Count : Abstract Citation count API	Show/Hide List Operations Expand Operations
Citations_Overview : Citations Overview API	Show/Hide List Operations Expand Operations
Serial_Title : Serial Title API	Show/Hide List Operations Expand Operations

- Ejemplos:
 1. Búsqueda de Scopus
 2. Recuento de Citas
 3. Recuperación de autor

Necesitamos:

1. Identificación de autor
2. API Key



API Recuperación de autor - Author Retrieval API

Scopus Search Sources Alerts Lists Help v SciVal Annapaola Migani

Author details

About Scopus Author Identifier

< Return to search results 1 of 1 Print Email

Migani, Annapaola Follow this Author

Universitat de Girona, Girona, Spain
Author ID: 7801327635

<http://orcid.org/0000-0001-5422-805X>

Other name formats: Migani, Annapaola

Subject area: Chemistry Materials Science Physics and Astronomy Chemical Engineering Biochemistry, Genetics and Molecular Biology Energy Computer Science Engineering

Document and citation trends:

Documents Citations

Years

2008 2019

6 278

0 0

Documents Citations

Get citation alerts Add to ORCID Request author detail corrections Export profile to SciVal

h-index: 25 View h-graph

Documents by author: 48 Analyze author output

Total citations: 1994 by 1406 documents View citation overview



API Recuperación de autor - Author Retrieval API

Affiliation_Search : Affiliation Search API	Show/Hide	List Operations	Expand Operations
Author_Search : Author Search API	Show/Hide	List Operations	Expand Operations
Scopus_Search : Scopus Search API	Show/Hide	List Operations	Expand Operations
Abstract_Retrieval : Abstract Retrieval API	Show/Hide	List Operations	Expand Operations
Affiliation_Retrieval : Affiliation Retrieval API	Show/Hide	List Operations	Expand Operations
Author_Retrieval : Author Retrieval API	Show/Hide	List Operations	Expand Operations
GET /author/eid/{eid}			Author Retrieval API
GET /author/author_id/{author_id}			Author Retrieval API
Abstract_Citation_Count : Abstract Citation count API	Show/Hide	List Operations	Expand Operations
Citations_Overview : Citations Overview API	Show/Hide	List Operations	Expand Operations
Serial_Title : Serial Title API	Show/Hide	List Operations	Expand Operations

GET /author/author_id/{author_id} Author Retrieval API

Implementation Notes
Author retrieval exposes interfaces associated with Scopus Author profile. API key in this example was setup with authorized CORS domains.

Response Class (Status 200)
No response was specified

Model | Model Schema
{}

Response Content Type | text/xml

Parameters

Parameter	Value	Description	Parameter Type	Data Type
author_id	7801327635	author_id value	path	string
apiKey	a4eb62a9e998d5b2f81f77b96838fd3	Your API key	query	string
httpAccept		Requested content type, overrides HTTP header value	query	string
insttoken		Specification for authorization, institution auth token	query	string
access_token		Specification for active session, secured auth token	query	string

[Try it out!](#) [View Response](#)

Request URL

```
https://api.elsevier.com/content/author/author_id/7801327635?apiKey=a4eb62a9e998d5b2f81f77b96838fd3
```



API Recuperación de autor - Author Retrieval API

- https://api.elsevier.com/content/author/author_id/7801327635?apiKey=a4eb62a9e998d5b2f81f77b96838fdf3

This XML file does not appear to have any style information associated with it. The document tree is shown below.

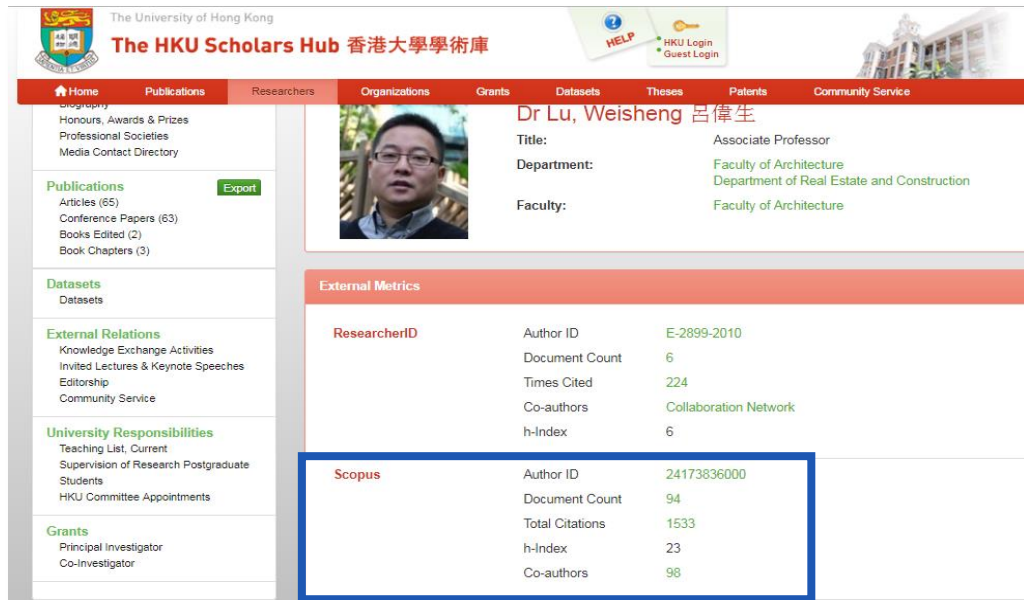
```
<author-retrieval-response xmlns:ait="http://www.elsevier.com/xml/ani/ait" xmlns:ce="http://www.elsevier.com/xml/ani/common" xmlns:cto="http://www.elsevier.com/xml/cto/dtd" xmlns:dc="http://purl.org/dc/terms/" xmlns:ns1="http://webservices.elsevier.com/schemas/search/fast/types/v4" xmlns:prism="http://prismstandard.org/namespaces/basic/2.0/" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xoe="http://www.elsevier.com/xml/xoe/dtd" status="found">
  <coredata>
    <prism:url>
      http://api.elsevier.com/content/author/author_id/7801327635
    </prism:url>
    <dc:identifier>AUTHOR_ID:7801327635</dc:identifier>
    <eid>9-s2.0-7801327635</eid>
    <orcid>0000-0001-5422-805X</orcid>
    <document-count>49</document-count>
    <cited-by-count>1410</cited-by-count>
    <citation-count>2002</citation-count>
    <link href="http://api.elsevier.com/content/author/author_id/7801327635" rel="self"/>
    <link href="http://api.elsevier.com/content/search/scopus?query=au-id%287801327635%29" rel="search"/>
  </coredata>
  <affiliation-current id="60009952" href="http://api.elsevier.com/content/affiliation/affiliation_id/60009952"/>
  <affiliation-history>
    <affiliation id="60103742" href="http://api.elsevier.com/content/affiliation/affiliation_id/60103742"/>
    <affiliation id="60100392" href="http://api.elsevier.com/content/affiliation/affiliation_id/60100392"/>
    <affiliation id="60023020" href="http://api.elsevier.com/content/affiliation/affiliation_id/60023020"/>
    <affiliation id="60006754" href="http://api.elsevier.com/content/affiliation/affiliation_id/60006754"/>
    <affiliation id="115961694" href="http://api.elsevier.com/content/affiliation/affiliation_id/115961694"/>
    <affiliation id="114686218" href="http://api.elsevier.com/content/affiliation/affiliation_id/114686218"/>
    <affiliation id="60103735" href="http://api.elsevier.com/content/affiliation/affiliation_id/60103735"/>
    <affiliation id="60001576" href="http://api.elsevier.com/content/affiliation/affiliation_id/60001576"/>
  </affiliation-history>

```



Ejemplo de uso API API Recuperación de autor

- <http://hub.hku.hk/cris/rp/rp01362/bibliometrics.htm>
- Con enlaces a Scopus (ya no funciona)



The screenshot shows the HKU Scholars Hub profile for Dr Lu, Weisheng. The page includes a navigation menu, a left sidebar with categories like Publications, Datasets, and External Relations, and a main content area with a profile picture and a table of external metrics. The Scopus metrics table is highlighted with a blue border.

External Metrics		
ResearcherID	Author ID	E-2899-2010
	Document Count	6
	Times Cited	224
	Co-authors	Collaboration Network
	h-Index	6
Scopus	Author ID	24173836000
	Document Count	94
	Total Citations	1533
	h-Index	23
	Co-authors	98



Estructura de la url

- Una petición API es un recurso Web identificado por una URL (localizador uniforme de recurso) única
- Las URL se construyen de la siguiente manera:
 - ✓ Parte fija: <http://api.elsevier.com/content>
 - ✓ Parte central que depende de la acción: Búsqueda/Recuperación/Metadatos
 - ✓ Parte final que depende de lo que se está buscando/recuperando
- Parámetros de consulta
 - ✓ Clave API, consulta de búsqueda, paginación, clasificación, campos a devolver, ...
 - ✓ Se separan de la URL base por un ?
 - ✓ Formato nombre = valor
 - ✓ Se separan mediante un &, el orden no importa
 - ✓ La clave API es un parámetro obligatorio
- Más documentación en https://dev.elsevier.com/api_docs.html



Ejemplo url #1

Solicitud de consulta de documentos de U. Rochester ordenados por número de citas

[https://api.elsevier.com/content/search/scopus?query=af-id\(60027165\)&sort=citedby-count&start=0&count=25&apiKey=a4eb62a9e998d5b2f81f77b96838fdf3](https://api.elsevier.com/content/search/scopus?query=af-id(60027165)&sort=citedby-count&start=0&count=25&apiKey=a4eb62a9e998d5b2f81f77b96838fdf3)

Parámetros y campos

query - Parámetro de consulta

af-id(60027165) - Campo de la afiliación con U. Rochester Scopus ID

sort - Ordenar por el número de citas

start - Índice del primer registro para mostrar

count - Número de resultados incluidos en la respuesta

apiKey - Identificador único para autenticar la solicitud



Ejemplo url #2

h-índice y citas de un autor de U. Rochester

https://api.elsevier.com/content/author/author_id/35226976800?view=metrics&apiKey=a4eb62a9e998d5b2f81f77b96838fdf3

Parámetros y campos

view - Especifica un subconjunto predefinido de datos de Scopus

apiKey - Identificador único para autenticar la solicitud

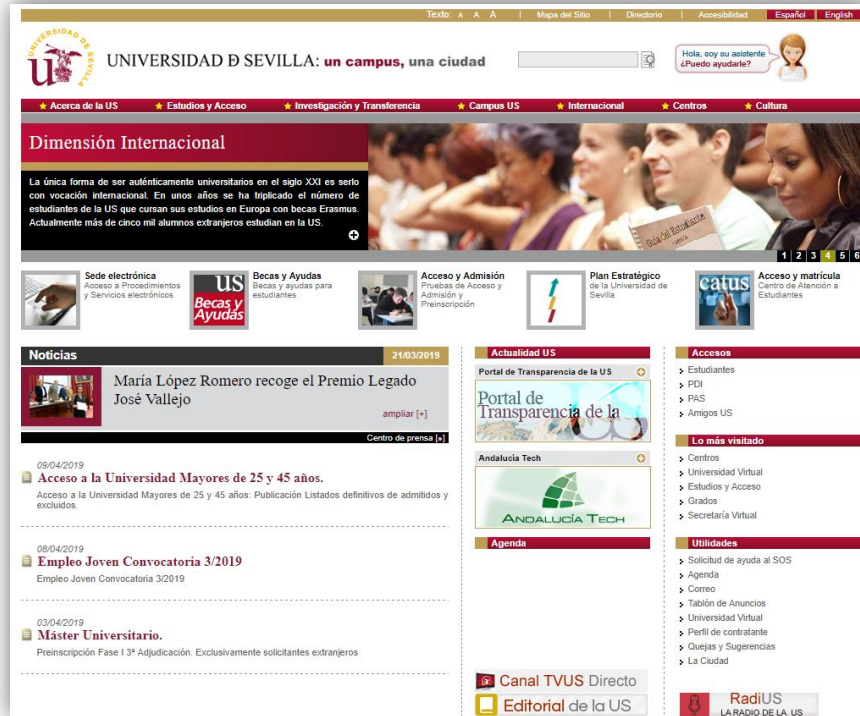
Notas

En el ejemplo, la API Recuperación de autor (Author Retrieval API) utiliza la identificación de autor Scopus (Scopus author ID) resultante de la búsqueda anterior de documentos de la U. Rochester. Este es un flujo de trabajo habitual con las APIs que destaca la vinculación entre los datos.



Ejemplo uso APIs Scopus Universidad de Sevilla

- <http://www.us.es/>



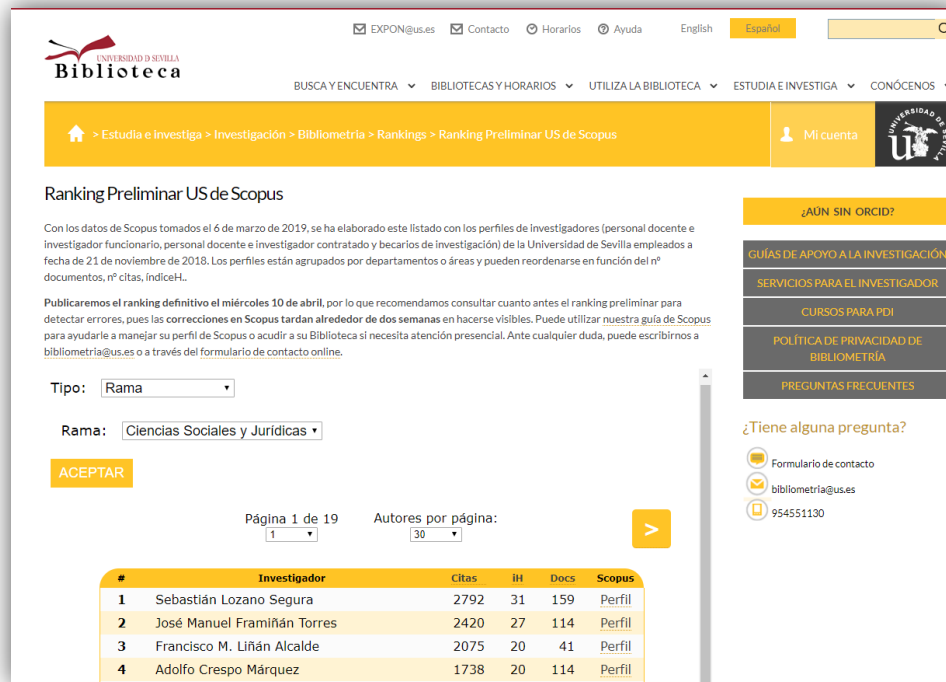
The screenshot shows the website of the University of Seville (Universidad de Sevilla) with a focus on internationalization. The header includes navigation links for 'Texto', 'Mapa del Sitio', 'Directorio', 'Accesibilidad', 'Español', and 'English'. The main navigation bar lists categories like 'Acerca de la US', 'Estudios y Acceso', 'Investigación y Transferencia', 'Campus US', 'Internacional', 'Centros', and 'Cultura'. The main content area features a section titled 'Dimensión Internacional' with a sub-header 'La única forma de ser auténticamente universitarios en el siglo XXI es serlo con vocación internacional...'. Below this, there are several service tiles: 'Sede electrónica', 'Becas y Ayudas', 'Acceso y Admisión', 'Plan Estratégico de la Universidad de Sevilla', and 'catus'. A news section on the left highlights 'María López Romero recoge el Premio Legado José Vallejo' and 'Acceso a la Universidad Mayores de 25 y 45 años'. On the right, there are sections for 'Actualidad US', 'Accesos', 'Lo más visitado', and 'Utilidades'. At the bottom, there are links for 'Canal TVUS Directo' and 'Editorial de la US'.



Clasificación de los autores de US usando las métricas de Scopus

- https://bib.us.es/estudia_e_investiga/investigacion/bibliometria/ranking-s/ranking-scopus

- Felicidades Sevilla!



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BUSCA Y ENCUENTRA BIBLIOTECAS Y HORARIOS UTILIZA LA BIBLIOTECA ESTUDIA E INVESTIGA CONÓCEMOS

> Estudia e Investiga > Investigación > Bibliometría > Rankings > Ranking Preliminar US de Scopus

Ranking Preliminar US de Scopus

Con los datos de Scopus tomados el 6 de marzo de 2019, se ha elaborado este listado con los perfiles de investigadores (personal docente e investigador funcionario, personal docente e investigador contratado y becarios de Investigación) de la Universidad de Sevilla empleados a fecha de 21 de noviembre de 2018. Los perfiles están agrupados por departamentos o áreas y pueden reordenarse en función del nº documentos, nº citas, índiceH.

Publicaremos el ranking definitivo el miércoles 10 de abril, por lo que recomendamos consultar cuanto antes el ranking preliminar para detectar errores, pues las correcciones en Scopus tardan alrededor de dos semanas en hacerse visibles. Puede utilizar nuestra guía de Scopus para ayudarle a manejar su perfil de Scopus o acudir a su Biblioteca si necesita atención presencial. Ante cualquier duda, puede escribirnos a bibliometria@us.es o a través del formulario de contacto online.

Tipo:

Rama:

Página 1 de 19 Autores por página:

#	Investigador	Citas	IH	Docs	Scopus
1	Sebastián Lozano Segura	2792	31	159	Perfil
2	José Manuel Framiñán Torres	2420	27	114	Perfil
3	Francisco M. Liñán Alcalde	2075	20	41	Perfil
4	Adolfo Crespo Márquez	1738	20	114	Perfil

¿AÚN SIN ORCID?

GUÍAS DE APOYO A LA INVESTIGACIÓN

SERVICIOS PARA EL INVESTIGADOR

CURSOS PARA PDI

POLÍTICA DE PRIVACIDAD DE BIBLIOMETRÍA

PREGUNTAS FRECUENTES

¿Tiene alguna pregunta?



Ejemplo url #3

Solicitud de consulta de artículos, revisiones y actas congresos de Francia entre 2010 y 2014 ordenados por número de citas descendentes

[http://api.elsevier.com/content/search/scopus?apiKey=a4eb62a9e998d5b2f81f77b96838fdf3&query=affilcountry\(france\) and pubyear aft 2009 and pubyear bef 2015 and \(doctype\(ar\) or doctype\(re\) or doctype\(cp\)\)&field=eid,title,citedby-count&sort=-citedby-count&count=200](http://api.elsevier.com/content/search/scopus?apiKey=a4eb62a9e998d5b2f81f77b96838fdf3&query=affilcountry(france) and pubyear aft 2009 and pubyear bef 2015 and (doctype(ar) or doctype(re) or doctype(cp))&field=eid,title,citedby-count&sort=-citedby-count&count=200)

Parámetros y campos

query - Equivalente a búsqueda avanzada en Scopus

field - Devuelve los campos seleccionados separados por comas

sort - Ordenar por el número de citas

count - Número de resultados incluidos en la respuesta

apiKey - Identificador único para autenticar la solicitud



Continuación Ejemplo url #3

Ahora la segunda página de resultados

[http://api.elsevier.com/content/search/scopus?apiKey=a4eb62a9e998d5b2f81f77b96838fdf3&query=affilcountry\(france\) and pubyear aft 2009 and pubyear bef 2015 and \(doctype\(ar\) or doctype\(re\) or doctype\(cp\)\)&field=eid,title,citedby-count&sort=-citedby-count&count=200&start=200](http://api.elsevier.com/content/search/scopus?apiKey=a4eb62a9e998d5b2f81f77b96838fdf3&query=affilcountry(france) and pubyear aft 2009 and pubyear bef 2015 and (doctype(ar) or doctype(re) or doctype(cp))&field=eid,title,citedby-count&sort=-citedby-count&count=200&start=200)



Restricciones técnicas

Configuración por defecto:

https://dev.elsevier.com/api_key_settings.html

- Los suscriptores obtienen más datos que los no suscriptores

✓ Registros de Scopus:

No suscriptores: metadatos de citas básicos, primer autor, recuento de citas, enlaces a Scopus. Suscriptores: eso más el resumen, todos los autores, afiliaciones, referencias, palabras clave del autor, subárea, etc.

✓ Perfiles de autor:

disponible para suscriptores pero no para no suscriptores

- Controlamos las APIs con un mecanismo de autenticación IP más la configuración de las API
 - ✓ Autenticación a través de la dirección IP y a veces instoken (https://dev.elsevier.com/tecdoc_api_authentication.html)
 - ✓ Acceso a las APIs habilitado o deshabilitado
 - ✓ Contactar con Integration Support Team para autorización y/o ampliación cuota por defecto

Scopus APIs						
#	API Name	Enabled or Disabled	Non-subscriber	Subscriber	Weekly Quota	Requests/second
1	Serial Title	Enabled	STANDARD, COVERIMAGE views / Default 25 results / Max 200 results	STANDARD, COVERIMAGE, ENHANCED Default 25 results / Max 200 results	20,000	3
2	Citations Count Metadata	Disabled	N/A	STANDARD view / Default 25 results / Max 200 results	50,000	18
3	Citations Overview	Disabled	N/A	STANDARD view / Default 25 results / Max 200 results	20,000	3
4	Subject Classifications	Enabled	No restrictions	No restrictions	N/A	N/A
5	Abstract Retrieval	Enabled	META view	All views, default FULL view	10,000	6
6	Affiliation Retrieval	Enabled	N/A	All views, default STANDARD view	5,000	6
7	Author Retrieval	Enabled	N/A	All views, default STANDARD view	5,000	3
8	Affiliation Search	Enabled	N/A	Default 25 results / Max 200 results	5,000	3
9	Author Search	Enabled	N/A	Default 25 results / Max 200 results	5,000	3
10	Scopus Search	Enabled	STANDARD view / Default 25 results	STANDARD view / Max 200 results COMPLETE view / Max 25 results COMPONENT view / Max 25 results	20,000	6
11	Author Feedback	Disabled	N/A	N/A	N/A	N/A



Restricciones legales: las políticas de casos de uso

https://dev.elsevier.com/use_cases.html

- ¿Quién es el cliente: académico, gubernamental, o corporativo?
- ¿Cuál es el objetivo de su proyecto?
- ¿Con qué política de uso encaja su objetivo?

Elsevier Developers

My API key API Specification Interactive APIs How to Guides FAQ

Use cases

The use of Elsevier APIs is tied to the specific use case and corresponding policy. An easy way of finding the appropriate policy is by identifying your use case first. If you do not find your use case below, please write a short use case description and [contact us](#).

- Academic Research >
- IRs and CRIS systems (incl. VIVO) >
- Cited by in Scopus >
- Text Mining >
- Federated Search >
- Journal Metrics >
- SciVal metrics >
- ScienceDirect article info >
- ScienceDirect journal info >
- Engineering Village >
- Commercial Use >

Get started today!

Elsevier's API program allows you to integrate content and data from Elsevier products into your own website and applications. [Learn more...](#)

1. [Look at use cases](#) >
2. [Get API Key](#) > [Default API key settings](#)
3. [Start coding](#) > Check out our [Python SDK](#), the [Interactive APIs](#) and the [How to Guides](#)

Un curso practico y intensivo sobre las API de Scopus

4/10/2019



Política de uso de Investigación Académica

<https://www.sciencedirect.com/science/article/pii/S0023643815303273>

Academic Research

Elsevier allows access to the Scopus APIs in support of academic research for researchers affiliated with a Scopus subscribing institution.

Detailed policy: [show/hide](#)

Definition: The end product is a scholarly published work that utilizes publications in Scopus for a research effort. The researcher wants to publish a scholarly work regarding Scopus data relationships.

Examples:

- Analysis of abstract cited-by counts across a specific, singular academic discipline.
- Relationship between authors' geographic locations and their academic affiliations.
- Analysis of the relationship of citing works from a limited set of publications.

We allow this use case under the following conditions:

- Research is for non-commercial, academic purposes only - no commercial, government or funding body access is permitted.
- Research is to be performed by approved representative of the applying institution - no 3rd party or consultant access is permitted.
- Research is limited in scope to a specific discipline - no mining of the entire Scopus dataset is permitted.
- Retention of original research dataset is limited to archival purposes and reproduction of the research results. Data use outside of the scope of the original research is not permitted.
 - Public sharing of data for purpose of reproducibility with a specific party is permissible upon written request and explicit written approval.
- Scopus is identified as the data source as described in the [Scopus Attribution Guide](#).
 - If user is a bibliometrician doing work outside this use case, please contact integration support team at integrationsupport@elsevier.com with detailed description of your use case.

This use case does not allow:

- Display of Scopus data on a website or in any other public forum outside of the output format of the scholarly published work.

Permitted metadata (fields other than those listed are explicitly prohibited in this use case):

1. Record IDs (Scopus ID and/or EID)
2. DOI
3. PubMed ID
4. The Scopus author IDs of the authors of the document (this includes the IDs for co-authors of the document not affiliated with the institute)
5. Abstract
6. Authors' names
7. Author IDs (ORCID ids)
8. Authors' countries of residence
9. Authors' affiliations
10. Author Profile

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LWT - Food Science and Technology
Volume 67, April 2016, Pages 133-142

Atlas of scientific institutions in food science (Scopus, 2003–2013)

Vicente P. Guerrero-Bote ^a, Carlos Olmeda-Gómez ^b, Félix Moya-Aneón ^c

Show more

<https://doi.org/10.1016/j.lwt.2015.11.035> [Get rights and content](#)

Highlights

- Research of the top 645 research institutions worldwide in food science is assessed.
- An interactive map was generated with top research institutions in Food Science.
- States, South Korea, Spain, and China have most top institutions in Food Science.
- Many developing and food exporting countries have no significant research in FS.



Un curso práctico y intensivo sobre las API de Scopus

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Política de uso de Repositorio Académico o Sistema CRIS

IR/CRIS/VIVO

Definition: the client application is:

- An institutional repository (IR) in which the institution's research output is captured by storing a record / version of each article or chapter written by its researchers, and/or
- Current research information system (CRIS) that tracks an institution's research performance by, amongst others, capturing each article or chapter written by its researchers, and/or
- A local VIVO installation (<http://vivoweb.org/> about, <http://vivo.sourceforge.net/>) in which an institute's researchers are profiled. These researcher profiles often need to be complemented with their publication
- Other internal reporting systems that track research output, similar to the above

Elsevier supports institutions who want to enhance their institutional repository (IR), current research information system (CRIS) or local VIVO installation (<http://vivoweb.org/> about, <http://vivo.sourceforge.net/>) with Scopus APIs, ScienceDirect APIs or a combination of the two.

The table below indicates the repository objectives for IR/CRIS/VIVO client applications using:

Detailed policy for Scopus: [show/hide](#)

Detailed policy for ScienceDirect: [show/hide](#)

Detailed policy for SciVal: [show/hide](#)



Qué hacer cuando el caso de uso no está contemplado en las políticas de uso existentes

- En la mayoría de los casos, el caso de uso encaja y se describe dentro de una política de uso standard y se puede llevar al cabo con la configuración por defecto de las APIs: ¡Hágalo usted mismo!
- Cuando no es así, hay que contactar con Integration Support Team

Attention Subscribers:

If you find that the default API key settings are not sufficient for your application, please contact our [integration support team](#). Include the following information in your e-mail:

- Full name of your institution
- Your API key
- A brief description of your [use case](#)

and let us know how we can help you.

Tip: Use your institutional e-mail address to contact us; doing so will help us validate your affiliation with an institution that subscribes to Elsevier products.



Resumen

- Scopus proporciona una variedad de APIs que potencian la integración y visibilidad de los datos de investigación
- Son de uso gratuito para fines no comerciales, siempre que se respeten las políticas de uso
- No es necesario suscribir Scopus para usar sus APIs, pero con la suscripción se obtienen más datos
- Si se trabaja para una institución que suscribe Scopus y se requieren más funcionalidades que las ofrecidas por defecto, se puede solicitar la ampliación a Integration Support Team.
- ¿Cuáles son los usos comunes de las APIs?
 - ✓ Integración de recuento de citas de resumen de documentos en páginas web institucionales o corporativas, p.ej. Plos
 - ✓ "Federated search": integración de resultados de búsqueda de Scopus y Science Direct en aplicaciones federadas



Para saber más

Scopus APIs https://www.brighttalk.com/webcast/13703/206747?utm_campaign=webcasts-search-results-feed&utm_content=SCopus%20APIs&utm_source=brighttalk-portal&utm_medium=web



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