













Luarea deciziilor cu ajutorul datelor Clarivate

Adriana FILIP - Solutions Consultant
adriana.filip@clarivate.com

Noiembrie 2021



Highly Cited Researchers

FULL NAME	CATEGORY	PRIMARY AFFILIATION	SECONDARY AFFILIATIONS	
 Sarchiapone, Marco	Psychiatry and Psychol...	University of Molise	-	View Profile
 Sciacca, Salvatore	Cross-Field	University of Catania	-	View Profile
 Scorrano, Luca	Cross-Field	University of Padua	-	View Profile
 Segata, Nicola	Biology and Biochemistry	University of Trento	-	View Profile
 Serretti, Alessandro	Cross-Field	University of Bologna	-	View Profile
 Servadei, Raffaella	Mathematics	University of Urbino	-	View Profile
 Siano, Pierluigi	Engineering	University of Salerno	-	View Profile
 Siena, Salvatore	Clinical Medicine	University of Milan	Ospedale Niguarda Ca...	View Profile
 Solmi, Marco	Psychiatry and Psychol...	University of Padua	-	View Profile
 Squassina, Marco	Mathematics	Catholic University of t...	-	View Profile

Recognizing the true pioneers in their fields over the last decade, demonstrated by the production of multiple highly-cited papers that rank in the top 1% by citations for field and year in the Web of Science™. Of the world's scientists and social scientists, Highly Cited Researchers truly are one in 1,000.

[2021 HCR >](#)

Ce sunt API-urile?

Ce sunt API-urile?

API înseamnă interfață de programare a aplicațiilor. API-urile sunt acele mici bucăți de cod care fac posibilă comunicarea între dispozitive digitale, aplicații software și servere de date.

Source: Postman

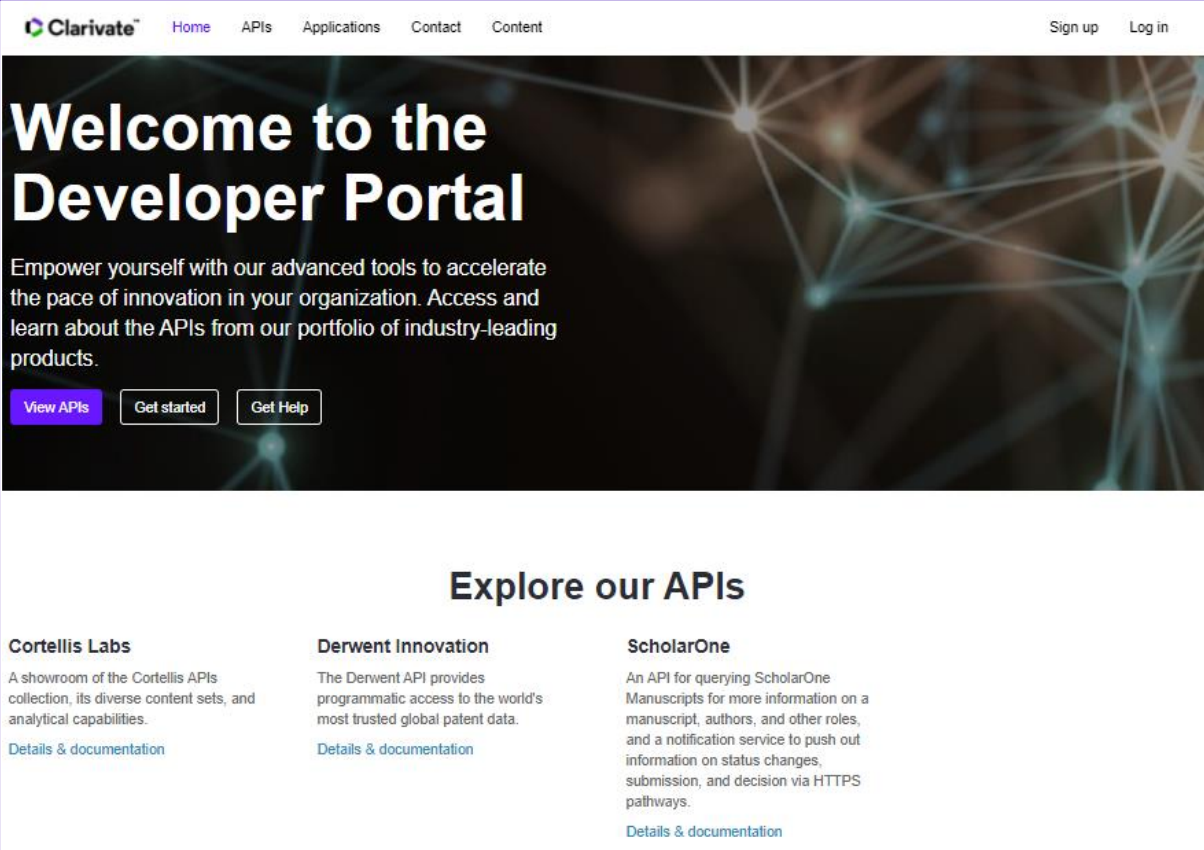
Cum funcționează?

- API-urile funcționează prin schimbul de date și informații între aplicații, sisteme și dispozitive.
- Integrarea API reprezintă pur și simplu conexiunea dintre două (sau mai multe) aplicații, programe, servicii sau sisteme, cu ajutorul API-urilor. Aplicațiile utilizează API-uri pentru a trimite și primi date și conținut între ele.



O introducere în API-urile Web of Science

- Profitați din plin de abonamentele dvs. prin utilizarea datelor Web of Science, Journal Citation Reports și InCites pentru a completa propriile date interne.
- Furnizați date bibliografice și bibliometrice utile, de înaltă calitate și în timp util pentru a vă îmbunătăți sistemele de cercetare.



The screenshot shows the Clarivate Developer Portal website. The header includes the Clarivate logo and navigation links for Home, APIs, Applications, Contact, and Content. There are also links for Sign up and Log in. The main content area features a large heading "Welcome to the Developer Portal" and a subheading "Empower yourself with our advanced tools to accelerate the pace of innovation in your organization. Access and learn about the APIs from our portfolio of industry-leading products." Below this, there are three buttons: "View APIs", "Get started", and "Get Help". The section "Explore our APIs" lists three APIs: Cortellis Labs, Derwent Innovation, and ScholarOne, each with a brief description and a link to "Details & documentation".

<https://developer.clarivate.com>

Pentru ce puteți utiliza API-urile noastre?

- ✓ Use **PMID** and/or **DOI** from WoS API to find the matching WoS records to **enrich your repositories** with extra metadata:
 - ✓ Enhance your collaborative analysis using our institutional unification field (**Organization-Enhanced**)
 - ✓ Enable real time **citation** metrics and **links back to Web of Science and Journal Citation Reports**
 - ✓ Retrieve further funding information through the **Funding acknowledgements**
 - ✓ Retrieve Author Identifiers like **ORCID** and **RID**
 - ✓ Add valuable and meaningful publication categorization with **WoS Categories**
- ✓ Use search query (usrQuery) parameter for **broad capture** of relevant content for your projects
- ✓ Highlight prestigious items with **article indicators** from InCites APIs like highly cited papers and hot papers as well as collaboration and OA indicators
- ✓ For larger data analysis needs, get **custom WoS data extractions** with complete disambiguated authorship datasets.

Îmbunătățiri din 2021 la API-urile Web of Science



New Journals API

Gain programmatic access to trusted metadata for all Web of Science Core Collection journals, and metrics including the Journal Impact Factor and Journal Citation Indicator.



New download application

Easily export data from the Web of Science Expanded API to Excel using a new desktop application designed for users with no coding experience.



Simplified data integration

Save time using ready-made source code for all APIs in multiple programming languages that reduces the amount of work for your developers.



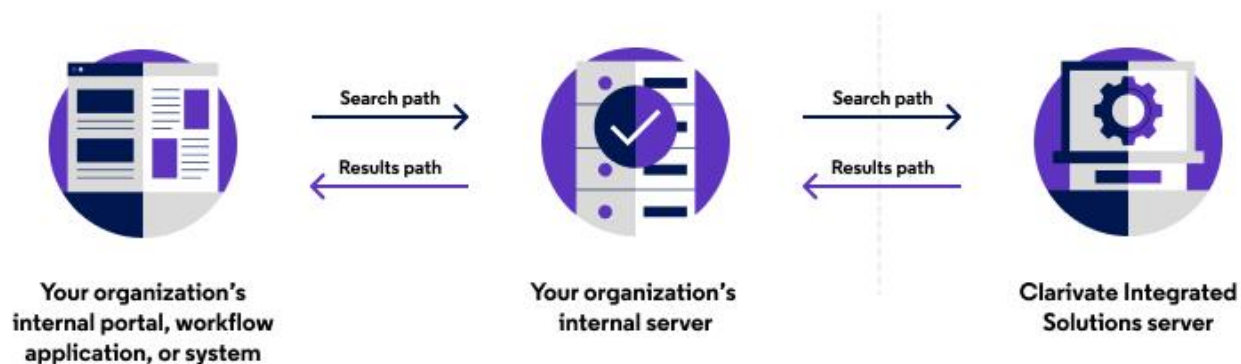
Enhanced documentation

Access Web of Science data more easily with APIs that are now compatible with OpenAPI 3 specification.

Cazuri de utilizare API

API Web of Science și date personalizate

- ✓ Completați sistemele de informații cu date exacte pe care le puteți actualiza cu ușurință pentru a îmbunătăți evaluarea și raportarea.
- ✓ Evaluați peisajul de cercetare și scrutați orizontul pentru tehnologiile emergente.
- ✓ Economisiți timp pentru optimizarea datelor pentru a efectua analize scientometrice pe scară largă.



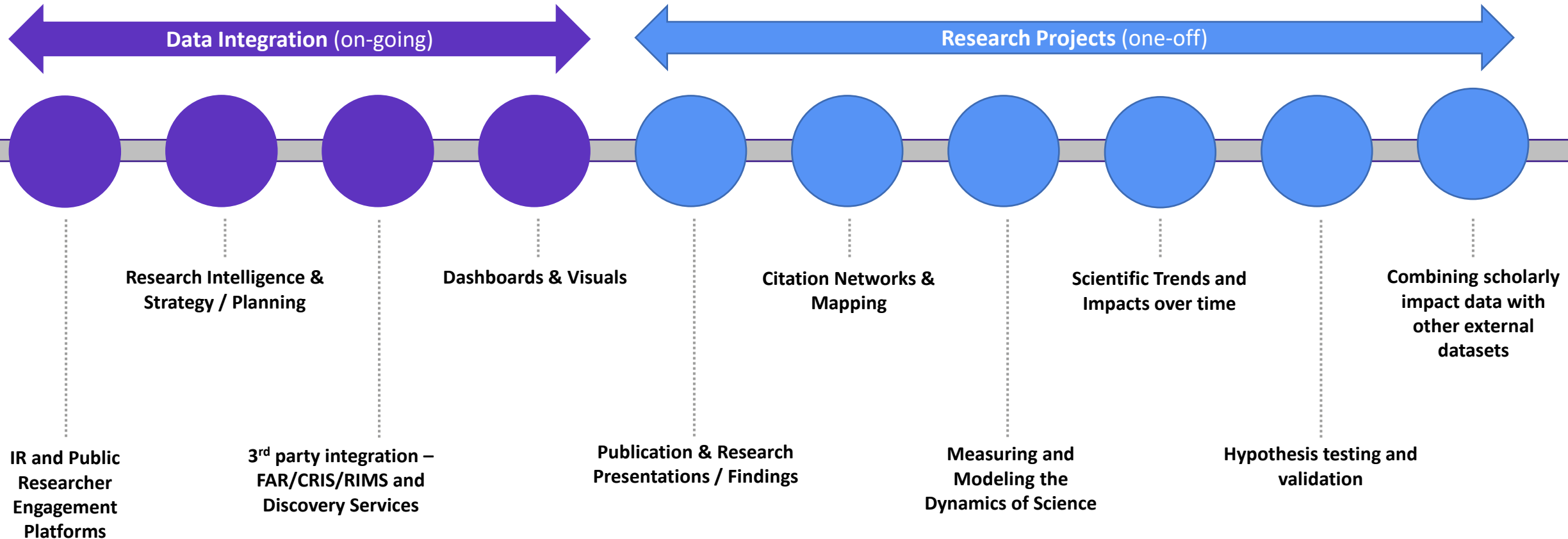
Întrebări cheie

- Cum putem colecta date fiabile privind publicațiile pentru cercetătorii și departamentele din cadrul instituției noastre?
- Cum putem monitoriza respectarea și adoptarea accesului deschis?
- Cum putem evalua rezultatele și performanța cercetării în cadrul sistemelor noastre actuale?
- Unde putem găsi date fiabile privind publicațiile pentru proiectele de analiză?
- Cum putem automatiza procesul de actualizare a site-ului nostru și a depozitului instituțional?

Funcții și surse de date

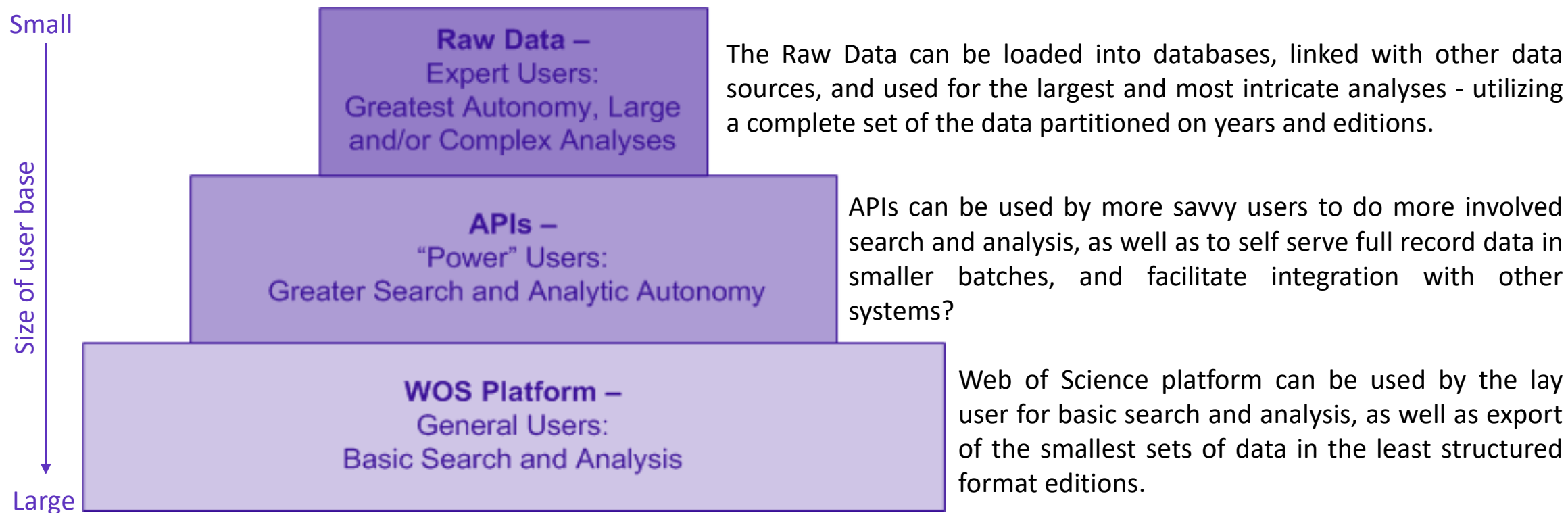
- API-urile sunt disponibile pentru majoritatea bazelor de date ale platformei Web of Science.
- Datele personalizate pot fi pregătite conform specificațiilor dumneavoastră pentru proiectul dumneavoastră specific.

Web of Science APIs



Cum se utilizează API-urile Web of Science

Accesarea și utilizarea datelor



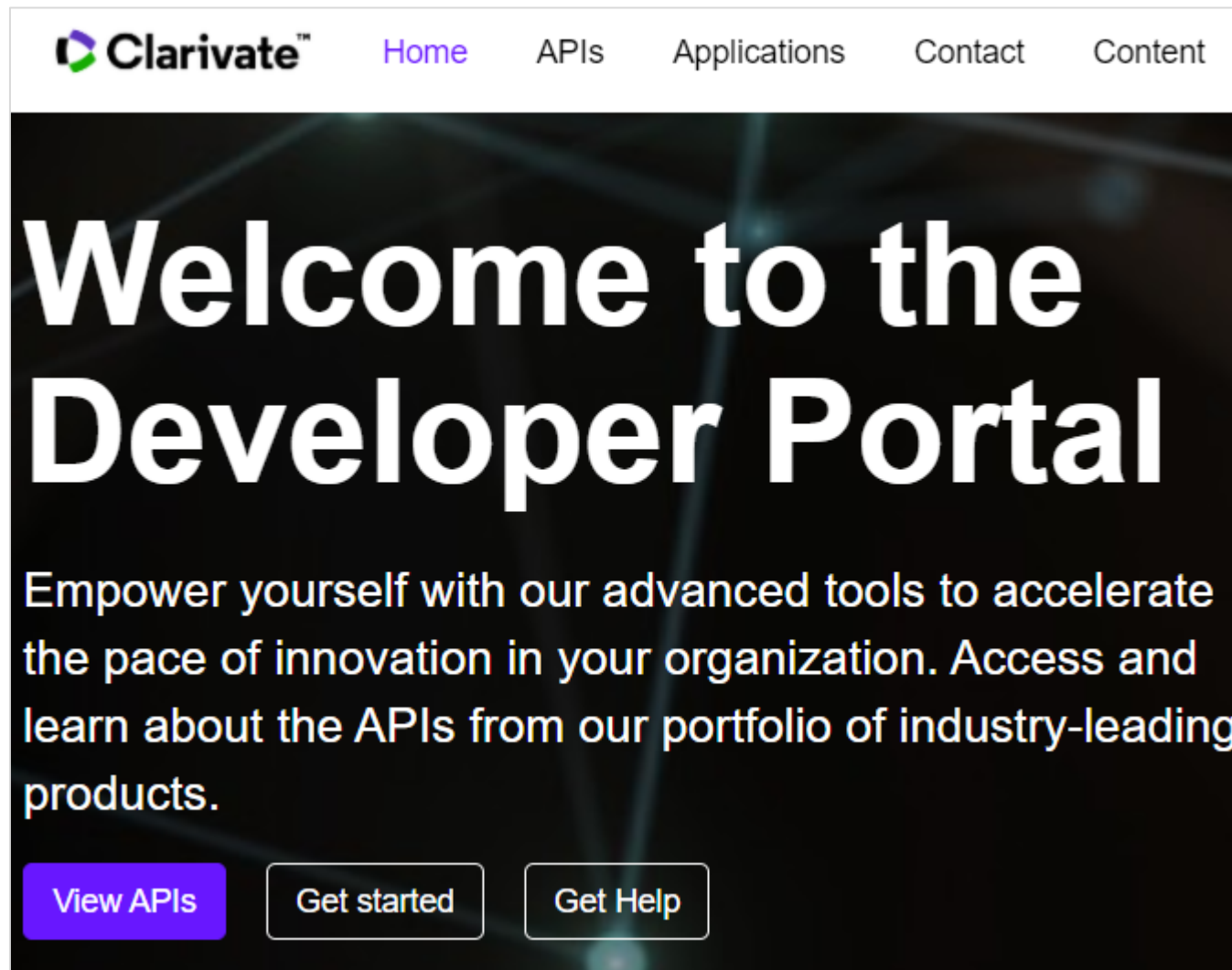
- Toate cele trei niveluri se aplică în orice organizație pentru a obține cele mai bune rezultate din setul de date și pentru a maximiza eficiența, accesul și cunoașterea.
- Diferitele niveluri oferă flexibilitate în raport cu expertiza și cazurile de utilizare.

Accesarea API-urilor

Clarivate Developer Portal este depozitul central pentru informații despre serviciile noastre web.

<https://developer.clarivate.com/>

Găsiți informații și linkuri către documentația despre API-urile Web of Science, inclusiv documentația actualizată pentru InCites și informații despre API-urile Web of Science bazate pe SOAP și REST.



The screenshot shows the Clarivate Developer Portal homepage. At the top, there is a navigation bar with the Clarivate logo and links for Home, APIs, Applications, Contact, and Content. The main content area features a large, bold heading: "Welcome to the Developer Portal". Below the heading is a paragraph of text: "Empower yourself with our advanced tools to accelerate the pace of innovation in your organization. Access and learn about the APIs from our portfolio of industry-leading products." At the bottom of the main content area, there are three buttons: "View APIs" (highlighted in purple), "Get started", and "Get Help".

Developer Portal

- În cadrul API Developer Portal, dacă dați clic pe un anumit API din ecranul Subscriptions (Abonamente), se afișează link-uri către resurse utile pentru API-ul respectiv.
- De exemplu, definiția Swagger și exemplele de cod.

Subscriptions

Your application has the following API subscriptions:

API	Auth Type	Trusted	Scopes	Secrets (API Key or Client ID/Secret)
wos	key-auth	-	
incites	key-auth	-	
woslite	key-auth	-	

Web of Science API Lite

Support 'search' and 'data integration' using Web of Science level metadata.

Web of Science data can be used in a number of different ways. The Web of Science data integration agreement will govern the terms of use for the Web of Science data.

By requesting credentials, you agree to adhere to this portal's [Terms of Use](#).

Related documentation:

- [Code samples \(GitHub\)](#)
- [Data Integration](#)
- [Clarivate Analytics LibGuide](#)

[View Swagger definition »](#)

wos-amr

Utility scripts for using the Web of Science Links Article Match Retrieval Service (AMR) service.

Python MIT 3 stars 0 issues 0 forks Updated on Oct 30, 2019

VIVO2MyOrg

Python MIT 0 stars 0 issues 0 forks Updated on Oct 30, 2019

wos2vivo

Web of Science to VIVO

Python MIT 7 stars 1 issue 0 forks Updated on Oct 30, 2019

Search Supports discovery and interrogation of the data.

- GET** / Submits a user query and returns results
- GET** /query/{queryId} Fetch record(s) by query identifier

Integration Supports integration and data supplement activities.

- GET** /id/{uniqueId} Find record(s) by specific id

Solicitarea API-urilor

To get started with our APIs, visit our APIs web page:-
<https://clarivate.com/webofsciencegroup/solutions/xml-and-apis/>

Click “Request more information” and on the support web page, click “Email Us”.

The email needs to state:-

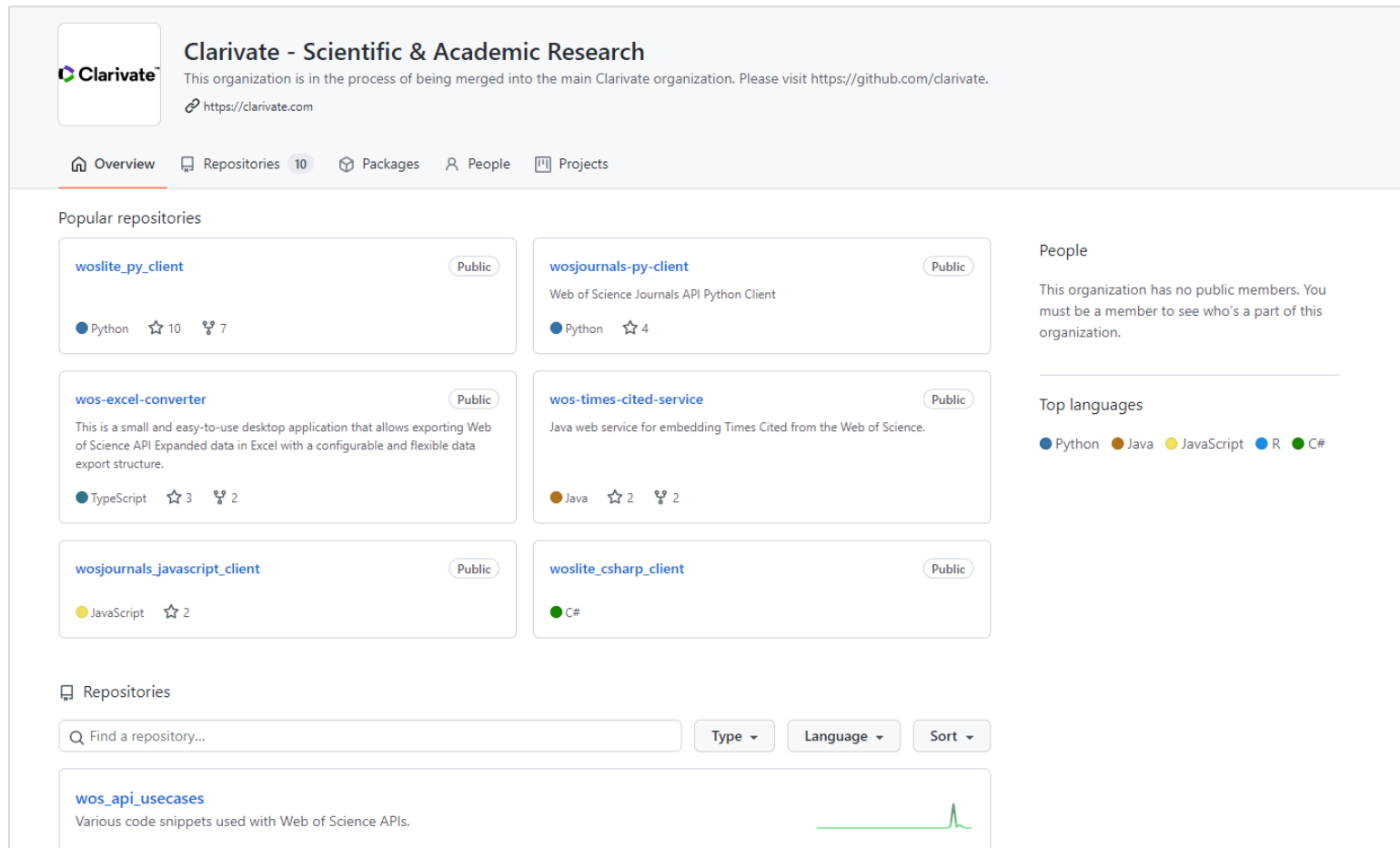
- Which APIs are being requested
- A description of the intended use
- If it is for WoS Expanded or InCites, an indication of the frequency of use and volume of records retrieved should be included.

Once approved, full instructions will be provided for the APIs to be accessed via the **Developer Portal**.

The screenshot shows the top navigation bar of the Web of Science Group website with links for 'Who we are for', 'Products', 'Resources', 'Services', and 'ISI'. The main heading is 'Web of Science Group APIs' with the subtext 'Our APIs are better because our data is better.' A prominent purple button labeled 'Request more information' is visible. Below this, a paragraph describes the quality of the data. A testimonial snippet is partially visible. A support overlay is positioned in the bottom right, featuring the 'Web of Science Group' logo, a 'Common questions' section with links to proxy settings, Chrome extensions, InCites subscriptions, and journal submissions, and a vertical stack of three purple buttons: 'Chat with a support expert', 'Submit an inquiry', and 'Email Us'. A blue arrow points from the 'Request more information' button on the main page to the 'Email Us' button in the support overlay.

Economisiți timp integrând datele în sistemele dumneavoastră

Clarivate Scientific & Academic Research GitHub



The screenshot displays the GitHub profile for 'Clarivate - Scientific & Academic Research'. The organization's name and a note about being merged into the main Clarivate organization are at the top. Below the navigation bar, there are sections for 'Popular repositories' and 'People'. The 'Popular repositories' section lists several public repositories with their respective languages, star counts, and fork counts. The 'People' section indicates that the organization has no public members. The 'Top languages' section shows a bar chart for Python, Java, JavaScript, R, and C#.

Clarivate - Scientific & Academic Research
This organization is in the process of being merged into the main Clarivate organization. Please visit <https://github.com/clarivate>.
<https://clarivate.com>

Overview Repositories 10 Packages People Projects

Popular repositories

- woslite_py_client** (Public) Python ☆ 10 🍴 7
- wosjournals-py-client** (Public) Python ☆ 4
- wos-excel-converter** (Public) TypeScript ☆ 3 🍴 2
- wos-times-cited-service** (Public) Java ☆ 2 🍴 2
- wosjournals_javascript_client** (Public) JavaScript ☆ 2
- woslite_csharp_client** (Public) C#

People
This organization has no public members. You must be a member to see who's a part of this organization.

Top languages
Python Java JavaScript R C#

Repositories
Find a repository... Type Language Sort

wos_api_usecases
Various code snippets used with Web of Science APIs.

Economisiți timp și efort
în lucrul cu API-urile
Web of Science folosind
o nouă suită de
instrumente și resurse
utile pe GitHub.

Exportați cu ușurință datele de care aveți nevoie

Web of Science Excel Converter

The image shows the 'Web of Science Excel Converter' application interface on the left and an Excel spreadsheet on the right. The application interface has a sidebar with steps: 1. API Token (Remaining records: 546,993), 2. Search details (Records found: 77,469), 3. Attribute selection, and 4. Generate File. The search details section shows 'Database to search: WOS', 'Language of search: lang', and 'Query: TS=(covid) AND PY=2020'. A green arrow points from the 'Records found: 77,469' text to the Excel spreadsheet. The spreadsheet shows a table with columns: UT, Database, edition, doctype_1, doctype_2, doctype_3, primary, cited, Refe, citation, keywords, keywords, bitstype, bib_page, bib_id, subhead1, subhead2, su.

UT	Database	edition	doctype_1	doctype_2	doctype_3	primary	cited	Refe	citation	keywords	keywords	bitstype	bib_page	bib_id	subhead1	subhead2	su	
2	WOS:0006	WOS	WOS_ESCI	Article		English	4	0	Outcomes, hospitaliz	Journal		238	10	14	612	Life Sciences & Biom	Re	
3	WOS:0006	WOS	WOS_ESCI	Article		English	4	0	Covid-19, Transmissi	Journal		502	14	14	6	192	Life Sciences & Biom	Er
4	WOS:0006	WOS	WOS_ESCI	Editorial Material		English	13	1		Journal		502	14	14	6	192	Life Sciences & Biom	Er
5	WOS:0006	WOS	WOS_ESCI	Article		Turkish	28	0	COVID-19, CHLOROQ	Journal		143	33	13	235	Life Sciences & Biom	Er	
6	WOS:0006	WOS	WOS_SCI	Article		English	21	0	serology, COVID-19	Journal		187	222	12	1	Life Sciences & Biom	im	
7	WOS:0006	WOS	WOS_SCI	Article		English	31	0	SEPSIS	Journal		2695	15	12		DEC 31 2020	M	
8	WOS:0006	WOS	WOS_ESCI	Article		English	45	0	COVID-19, CDORONA	Journal		131	60	308	11	Life Sciences & Biom	M	
9	WOS:0005	WOS	WOS_SCI	Editorial Material		English	15	0		Journal		194	39	10	689	Life Sciences & Biom	Ar	
10	WOS:0006	WOS	WOS_SCI	Article		English	35	0	MEDICAL	Journal		2695	15	12		DEC 31 2020	M	
11	WOS:0006	WOS	WOS_ESCI	Editorial Material		English	0	0		Journal		53	28	12	48	Life Sciences & Biom	Di	
12	WOS:0005	WOS	WOS_SCI	Editorial Material		English	20	0	Adenovirus, mRNA v	Journal		134	39	10	703	Life Sciences & Biom	Ar	
13	WOS:0006	WOS	WOS_ESCI	Letter		English	9	0	TUBERCUL	Journal		112	50	14	456	Life Sciences & Biom	M	
14	WOS:0006	WOS	WOS_SCI	Letter		English	3	0		Journal		183	11	12		Life Sciences & Biom	Ge	
15	WOS:0005	WOS	WOS_AHC	Editorial Material		English	0	0		Journal		96	109	19	24	24	SEP 2020	Ar
16	WOS:0006	WOS	WOS_ESCI	Article		English	20	0	Knowledge, Student	Journal		55	5	14	2904	Life Sciences & Biom	He	
17	WOS:0006	WOS	WOS_SCI	Article		English	80	0	COVID-19, RESPIRAT	Journal		100	54	16	588	Life Sciences & Biom	Ge	
18	WOS:0006	WOS	WOS_SCI	Article		English	47	0	public health, infect	Journal		367	10	12		Life Sciences & Biom	M	
19	WOS:0006	WOS	WOS_ESCI	Article		English	16	0	COVID-19, PNEUMOP	Journal		238	90	14	508	Life Sciences & Biom	Re	
20	WOS:0006	WOS	WOS_SCI	Editorial Material		English	10	0		Journal		23	70	12	22	Life Sciences & Biom	M	
21	WOS:0006	WOS	WOS_ESCI	Editorial Material		English	6	0		Journal		2	18		2020	Life Sciences & Biom	M	
22	WOS:0006	WOS	WOS_SCI	Article		English	42	0	COVID-19, CDORONA	Journal		99	39	16	445	Life Sciences & Biom	Ph	
23	WOS:0006	WOS	WOS_ESCI	Letter		English	5	0		Journal		302	14	16	164	Life Sciences & Biom	Er	

Exportați cu ușurință date din Web of Science Expanded API în Excel folosind o nouă aplicație desktop concepută pentru utilizatorii care nu au experiență de codare.

<https://github.com/Clarivate-SAR>

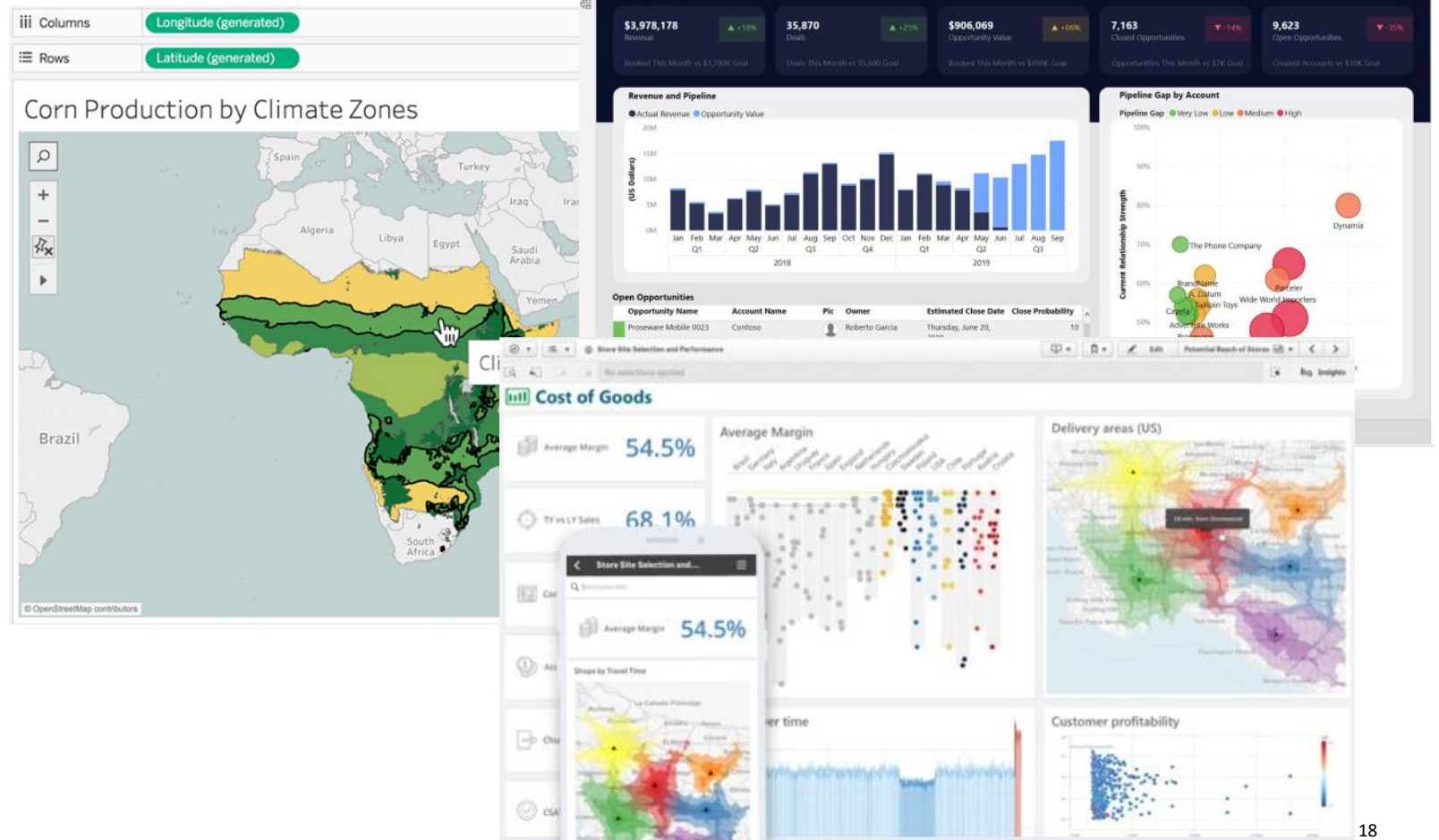
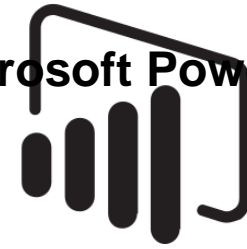
Business Intelligence applications

Aceste instrumente sunt adesea utilizate pentru a prezenta informațiile într-un format ușor de asimilat.

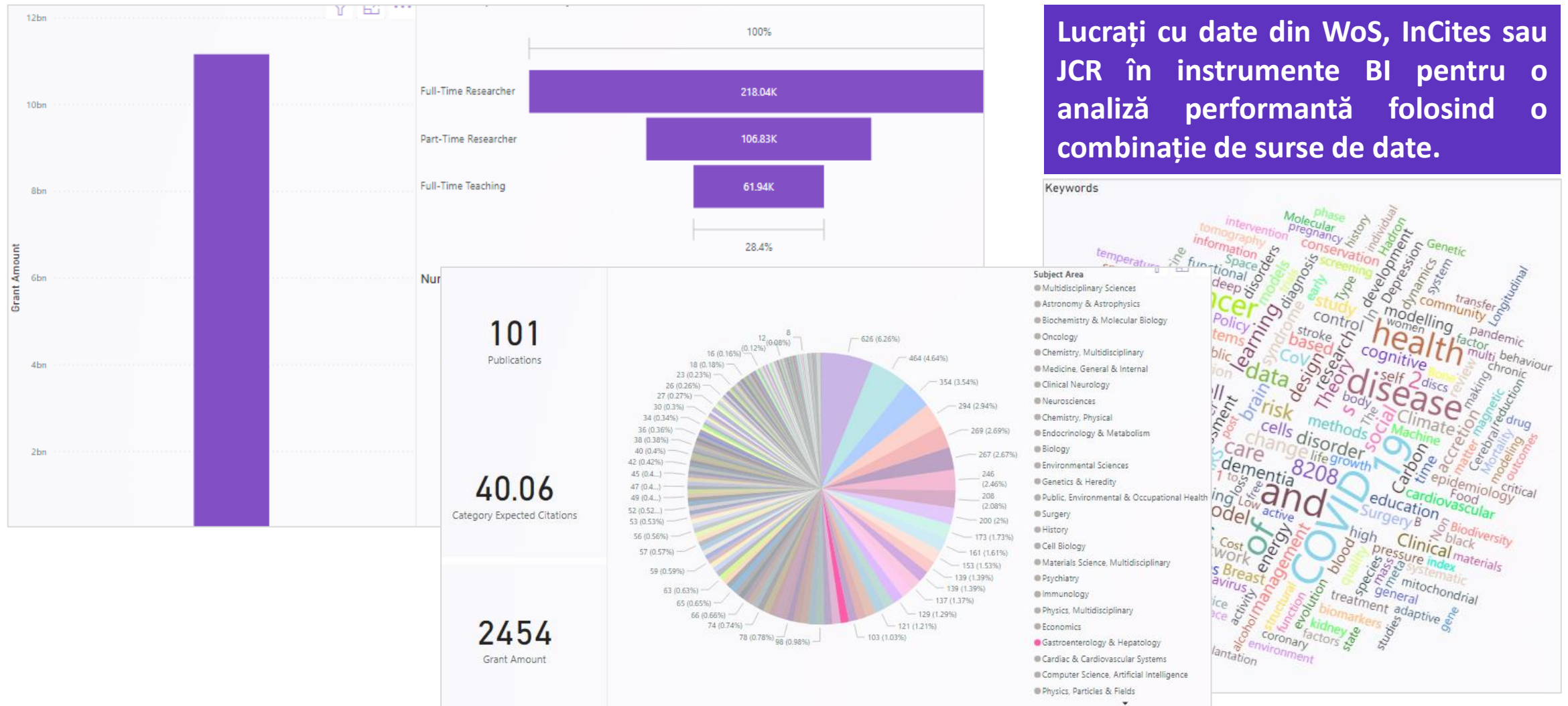
Există o mulțime de instrumente pe piață, iar majoritatea vor accepta un feed de la API-urile noastre (JSON fiind un format foarte comun).



Microsoft Power BI



Exemplu: WoS Expanded API în Power BI



Lucrați cu date din WoS, InCites sau JCR în instrumente BI pentru o analiză performantă folosind o combinație de surse de date.

Postman

Postman este un exemplu de platformă de colaborare pentru dezvoltarea de API-uri. Instrumentele de acest tip pot fi utilizate pentru lucrul de bază cu API.

<https://www.getpostman.com/>

The screenshot displays the Postman interface for a GET request. The URL is `https://api.clarivate.com/api/woslite?databaseld=WOS&usrQuery=AI=0000-0002-8813-3398&count=100&firstRecord=1`. The 'Query Params' section is expanded, showing a table of parameters:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> databaseld	WOS	
<input checked="" type="checkbox"/> usrQuery	AI=0000-0002-8813-3398	
<input checked="" type="checkbox"/> count	100	
<input checked="" type="checkbox"/> firstRecord	1	
Key	Value	Description

The 'Body' section is expanded, showing the response in JSON format. The response is a 200 OK status. The JSON structure is as follows:

```
1 {
2   "QueryResult": {
3     "QueryID": 1,
4     "RecordsSearched": 76757874,
5     "RecordsFound": 16
6   },
7   "Data": [
8     {
9       "UT": "WOS:000386607500004",
10      "Title": {
11        "Title": [
12          "Universal Lower Bounds for Potential Energy of Spherical Codes"
13        ]
14      }
15    }
16  ]
17 }
```

Postman

Exemplul alăturat arată modul în care API Expanded returnează autorii și îi asociază cu organizația lor.



Licențe API

Web of Science APIs

Licența standard cu Clarivate pentru un abonament la Web of Science acoperă de obicei accesul gratuit la următoarele API-uri (la cerere):

- WoS Lite API
- Links AMR API (Publication Matcher)

API-uri suplimentare, inclusiv WoS Expanded API, InCites API și Journals API, împreună cu proiecte non-standard big data, care necesită date în afara licenței standard, sunt disponibile prin licențe suplimentare. Datele pot fi livrate prin API sau prin descărcare unică prin FTP.

Pentru mai multe informații:

- Clarivate Developer Portal: <https://developer.clarivate.com/>
- Clarivate API Terms of Use: https://clarivate.com/wp-content/uploads/dlm_uploads/2020/11/Product-Terms-v2.4.1-24-Web-of-Science-InCites-APIs.pdf

Web of Science APIs

Web of Science API Lite

Free

A responsive API that supports rich searching across the Web of Science Core Collection to retrieve core article metadata. This service provides a great way to reuse Web of Science data both internally and externally to enhance institutional repositories and research networking systems with best-in-class data.

Web of Science API Expanded

Subscription

A robust and comprehensive API that delivers deep detail into the most valuable publication and citation information found in the Web of Science Core Collection. Includes everything in the Web of Science Lite API plus additional metadata, such as author, affiliations, identifiers and funding data.

Article Match Retrieval (AMR)

Free

A publication matching API that enables real-time Web of Science bibliographic search to update citation counts in batch mode or real time, along with producing links back to Web of Science for further discovery and analyses. ***This is currently on only API that is still on SOAP rather than REST.***

InCites API

Subscription

InCites is a citation-based evaluation tool for academic and government administrators to analyse institutional productivity and benchmark output against peers and aspirational peers in a national or international context. The InCites API provides article-level metrics that efficiently deliver impact and contextual metrics for your Research Information Management Systems.

Journals API

Subscription

This API provides journal-level metadata and metrics for all journals in the Journal Citation Reports™ covered in the Web of Science™ Core Collection, including the Journal Impact Factor™ and other new metrics. Integrate journal data into your internal systems or retrieve journal indicators for bibliometrics studies.

WoS Lite

(**Bold** = OK for public display)

UT (Unique Identifier)

Authors

Author keywords

Document type

Title

Source title

Volume

Issue

Pages

Publication date

DOI

ISBN

ISSN

Protocol	Response	Authentication	Content	Limits
REST	XML, JSON	token/key	Web of Science licence	<ul style="list-style-type: none">• Licenced content• Records retrieved per year
Query	Web of science advanced search query (i.e. “ <i>cu=australia and ts=paediatrics</i> ”)			
Datasets	Any of the following: BIOSIS family (BCI, BIOABS, BIOSIS), Current content, DCI, Derwent, Medline, Zoological records (ZR), Web of Science (all databases), Web of Science core collection.			
Applications	Library: publication repository updates			
Access	https://developer.clarivate.com/			

WoS Expanded

(**Bold** = OK for public Display)

- Abstract
- Article number**
- Author variants
- Author affiliation
- Author linkage**
- Org enhanced
- Reprint details
- Author order**
- ORCID ID**
- Researcher ID
- Subject category**
- PMID**
- Book author
- Chapter count
- Book group author**
- Book series**
- Conference title**
- Editor**
- Funding text
- Grant IDs
- Grant agencies
- Group author**
- Keywords Plus
- Language**
- Publisher
- Related records
- Citing articles**
- Cited references
- Open Access flag

Protocol	Response	Authentication	Content	Limits
REST	XML, JSON	token/key	<ul style="list-style-type: none"> • Web of Science licence • API licence 	<ul style="list-style-type: none"> • Licenced content • Records retrieved per year
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Applications	Library: publication repository updates, advanced search for institute papers Research management: benchmark, collaborations, citations, integration with CRIS, VIVO Research: publication and citation analysis, network data, AI, machine learning			
Access	https://developer.clarivate.com/			

Web of Science Core Collection Lite/Expanded API

Building queries

API Search tags http://images.webofknowledge.com//WOKRS529AR7/help/WOS/hp_advanced_examples.html

- | | | |
|---|------------------------------|------------------------------|
| ➤ AD=Address | ➤ FG=Grant Number | ➤ SA=Street Address |
| ➤ AI=Author Identifiers (ResearcherID and/or ORCID) | ➤ FO=Funding Agency | ➤ SG=Suborganization |
| ➤ AU=Author | ➤ FT=Funding Text | ➤ SO=Publication Name |
| ➤ CF=Conference | ➤ GP=Group Author | ➤ SU=Research Area |
| ➤ CI=City | ➤ IS=ISSN/ISBN | ➤ TI=Title |
| ➤ CU=Country | ➤ OG=Organization - Enhanced | ➤ TS=Topic |
| ➤ DO=DOI | ➤ OO=Organization | ➤ UT=Accession Number |
| ➤ DT=Document Type | ➤ PMID=PubMed ID | ➤ WC=Web of Science Category |
| ➤ ED=Editor | ➤ PS=Province/State | ➤ ZP=Zip/Postal Code |
| | ➤ PY=Year Published | |

- [https://wos-api.clarivate.com/api/wos?databaseId=WOS&usrQuery=\(TS=\(Quantum Comput*\) AND PY=\(2016-2020\) AND DT=Article\)&count=100&firstRecord=1](https://wos-api.clarivate.com/api/wos?databaseId=WOS&usrQuery=(TS=(Quantum Comput*) AND PY=(2016-2020) AND DT=Article)&count=100&firstRecord=1)
- [https://wos-api.clarivate.com/api/wos?databaseId=WOS&usrQuery=OG=Imperial College London AND PY=\(2015-2018\) AND CU=USA&count=100&firstRecord=1](https://wos-api.clarivate.com/api/wos?databaseId=WOS&usrQuery=OG=Imperial College London AND PY=(2015-2018) AND CU=USA&count=100&firstRecord=1)
- [https://api.clarivate.com/api/wos?databaseId=WOS&usrQuery=CI=Amsterdam AND PY=\(2010-2020\)&optionView=FS&viewField=WOS+addresses+keywords+category_info+keywords_plus+reprint_addresses+identifiers&count=100&firstRecord=1](https://api.clarivate.com/api/wos?databaseId=WOS&usrQuery=CI=Amsterdam AND PY=(2010-2020)&optionView=FS&viewField=WOS+addresses+keywords+category_info+keywords_plus+reprint_addresses+identifiers&count=100&firstRecord=1)

InCites

(**Bold** = OK for public display)

UT (Unique Identifier)*

Category normalized citation impact

Document type

ESI highly cited paper (Yes/No)

Times cited

ESI Hot Paper (Yes/No)

Research area(s)

International collaboration (Yes/No)

Journal expected citations

Institutional collaboration (Yes/No)

Journal normalized citation impact

Industry collaboration (Yes/No)

Journal Impact Factor (JIF)

Category expected citation rate

Percentile

Journal Expected Citations

Open Access flag (Yes/No) & Status

Protocol	Response	Authentication	Content	Limits
REST	XML, JSON	token/key	InCites licence	<ul style="list-style-type: none"> Licensed content Records retrieved per year
Query	<ul style="list-style-type: none"> Your institution's ID Web of science unique identifiers (UT) 			
Datasets	Web of Science core collection (including ESCI).			
Applications	Research management: benchmark based on citation metrics, collaborations (when used with WOS expanded), integration in Research Management Systems or Current Research Information Systems (CRIS), VIVO.			
Access	https://developer.clarivate.com/			

Web of Science Journals API

Protocol	Response	Authentic ation	Content	Limits
REST	JSON	token/key	Access to this API requires a paid license, an extension for JCR, or InCites B&A subscribers	<ul style="list-style-type: none"> • Licenced content • Records retrieved per year
Plan	Journals API plan (maximum 5 requests per second, maximum 50 journals matched returned by one search request)			
Datasets	Web of Science Core Collection			
Applications	<p>Publishers and editors - Understand how your journals are performing and benchmark them against others in their discipline.</p> <p>Librarians - Understand which journals are the most important to your institution's and researcher's success.</p> <p>Researchers - Guide to discover and select the most appropriate journals to read and publish your research findings in.</p> <p>Research managers and information analysts - Track bibliometric and citation patterns to support strategy and funding decisions, as well as highlight your institution's impact on the research community.</p>			
Access	https://developer.clarivate.com/			

Journals API

Data fields available for Journals API

JIF	Eigenfactor score	Source (other)
Journal unique identifier	Eigenfactor normalized	references
Journal JCR URL	Article influence	First year
Journal Title	Citable items total	Last year
Journal JCR abbreviation	Articles percentage	OA – Citable items –
Journal Title in ISO format	JIF percentile	Gold OA
Previous/historical changes	Half Life cited	OA – Citable items –
Current ISSN identifier	Half Life citing	Subscription
Electronic ISSN identifier	JIF rank – Category	OA – Citable items –
Publisher Name	JIF rank – Edition	Other
Publisher address	JIF rank – rank	OA – Citations – Gold
Publisher country & region	JIF rank – Quartile	OA
Frequency	JIF rank – JIF percentile	OA – Citations –
First Issue Year	ESI Rank – Category	Subscription
Language	ESI Rank – Edition	OA Citations – Other
Categories	ESI Rank – Rank	Contributing countries
Open Access first and last year	ESI Rank – Quartile	(Top 10)
Total Cites	Source Article count	Contributing
JIF (all JCR years)	Source article references	Organizations (Top 10)
JIF 5 years	Source reviews count	Cited Journals
Immediacy Index	Source reviews references	Citing Journals
JCI	Source (other) count	

Limits on Usage

We have different models for the APIs.

The number of records and queries allowed per year and requests per second, depend on the selected model.

The number of tokens allowed is also dependent on the model.

API	API Service Level	Max # of Tokens	Max # of Requests (per second unless specified)	Max # of Queries/year	Max # of Records/year
WoS Lite API	Standard	1*	2*	Unlimited	Unlimited
Links AMR API	Standard	N/A	3K/minute	Unlimited	Unlimited
WoS Expanded API	Basic	1	2	75k	50K
WoS Expanded API	Intermediate	2	2	500k	250K
WoS Expanded API	Advanced	5	3	3M	1M
WoS Expanded API	Premium	10	5	5M	3M
InCites API	Standard	1	1K/day	365,000	N/A

Material adițional

Getting access to a Clarivate API

May 2021

Our APIs provide a convenient and practical way to access our data. If you have a specific use case, we advise you to contact your representative before registration.

1 Sign up for the portal

Potential users can register their interest in an API via the Developer Portal (<https://developer.clarivate.com/>).

If you already have a Clarivate account you can sign-in directly, otherwise create a new account.

2 Get started

Once you have an account tell us more about your application.

Register and view your application

Tell the API Portal which application you are working on. You'll need to register the application before requesting API access.

[Register](#)

3 Register your new application

Give your application an ID and a name and provide a description. Let us know how the application will be used. Providing comprehensive information will expedite your request.

Register a new Application

Application ID:

Application Name:

Application Description:

Client Type:

[Register Application](#)

If our support team have asked you to register your application, let them know once you have completed this registration

4 Choose your API

Once you have registered your application, select the API you would like to use with the **view API** link. If you are unsure which API to select, please let us know.

Citation Reporter

APIs

This is the index of available APIs.

Click on an API below to learn more and view subscription options. Click the information about Similar Client Mentions, Citations, or Citations Extension APIs by clicking on the appropriate links. Note: The approval process may take a few days.

API Categories	Web of Science API Expanded	Web of Science API Lite	Web of Science SUSHI API
<ul style="list-style-type: none"> InCites Journal Journal Journal Journal Journal 	Support search and data integration using Web of Science data returned as JSON or XML.	Support search and data integration using Web of Science data returned as JSON or XML.	This API helps you to view usage statistics from the Web of Science platform via the WOS SUSHI protocol in accordance with the COARDFE for Cross-Platform.

Ready to go

Once we have reviewed your request and confirmed an appropriate subscription, we will send you a confirmation email including your access credentials.

You can also manage your subscriptions and access details via the Developer Portal at any time.

Citation Reporter

Subscriptions

API	Auth Type	Status	Expires	Secrets (API Key or Client ID/Secret)
webapi	key-auth	Active		

5 Subscribe to your API

Once you have selected the API for your application, click **subscribe** to continue.

Web of Science API Lite

Support search and data integration using Web of Science data returned as JSON or XML.

API Settings

API URL:

Applications

Application	Plan	Status	API Key (Secret)	API Key (Client ID/Secret)	Action
Citation Reporter		Application currently not subscribed			Subscribe
Test Application Intensity		Application currently not subscribed			Subscribe

Note the subscribe link requires Clarivate approval – if you do not see this option, let your Clarivate contact know

6 Confirm your subscription

If you already have an appropriate subscription your entitlement may take **up to two days** to process.

If you do not have the appropriate subscription to access the selected API, Clarivate will contact you with further details.

Subscribe to Web of Science API Lite

Please select which plan you want to subscribe to for the current API with. Some plans may need manual approval by an administrator.

Application 'Citation Reporter'

Plan	Name	Description	Needs Approval
Standard	Use the Web Services according to the terms of your institution's contract. The available content (journals, years, etc.) and throttling will depend on the agreement between you and Clarivate Analytics.		Yes

[Subscribe](#)

Web of Science™ APIs

May 2021

The Web of Science Publication APIs complement our suite of RESTful Web of Science APIs to provide complete publication metadata from the Web of Science

Publication metadata



Web of Science API Lite
Support search and data integration using limited Web of Science data returned as JSON or XML



Web of Science API Expanded
Support search and data integration using full Web of Science data returned as JSON or XML

Publication metrics



InCites API
Support bibliometric analysis and integration of document-level metrics

Journal metadata/metrics



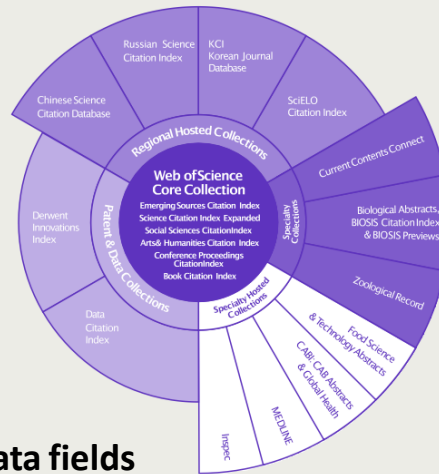
Web of Science Journals API
Support bibliometric analysis and integration of journal-level metrics

Coverage

WoS API Lite

Includes the following data sources:

- Web of Science Core Collection
- BIOSIS family (BCI, BIOABS, BIOSIS)
- Current Contents
- Data Citation Index
- Derwent Innovations Index
- Medline
- Zoological records (ZR)



Data fields

WoS API Lite

Authors, Author keywords, RID, Document type, Title, Issue, Pages, Publication date, Source title, Volume, DOI, ISBN, ISSN

WoS API Expanded

WOS Lite fields + PMID, Times cited, Author addresses/affiliations, Grants, Publisher, Related records, citing articles, citing references, Organization enhanced, Author Identifiers

WoS API Expanded

Includes the following data sources:

- Web of Science Core Collection
- BIOSIS family (BCI, BIOABS, BIOSIS)
- CABi
- Current Contents
- Data Citation Index
- Derwent Innovations Index
- FSTA
- INSPEC
- Medline
- Regional content
- Zoological records (ZR)

Example use cases

- **Library:** publication repository updates, advanced search for institute papers
- Clarivate Converis; Symplectic Elements; Elsevier Pure; Interfolio Faculty180; Lyris Dspace, VIVO
- **Research management:** benchmark, collaborations, citations, integration with CRIS
- **Research:** publication and citation analysis, network data, AI, machine learning

API usage

- Query for all publications using WoS advanced search field tags
- Get cited references and citing articles
- Get times cited counts
- Get WoS UTs to quickly identify new publications for your collection

Queries

Boolean AND/+, OR and NOT operators are supported, along with '*' wildcards. Queries can be filtered by values and ranges


See <https://developer.clarivate.com/apis/wos> and <https://developer.clarivate.com/apis/woslite> for more information

InCites Benchmarking & Analytics API™


May 2021

The InCites API complements our suite of RESTful Web of Science APIs to provide complete document-level metrics from InCites

Publication metadata




Web of Science API Lite
Support search and data integration using **limited** Web of Science data returned as JSON or XML




Web of Science API Expanded
Support search and data integration using **full** Web of Science data returned as JSON or XML

Publication metrics



InCites API
Support bibliometric analysis and integration of document-level metrics

Journal metadata/metrics




Web of Science Journals API
Support bibliometric analysis and integration of journal-level metrics

Coverage

InCites API
Includes the following data sources:

- Science Citation Index Expanded
- Social Sciences Citation Index
- Arts & Humanities Citation Index
- Conference Proceedings Citation Index (SCI & SSH)
- Book Citation Index (SCI & SSH)
- Emerging Sources Citation Index



Web of Science™ Core Collection
Science Citation Index Expanded
Social Sciences Citation Index
Arts & Humanities Citation Index
Emerging Sources Citation Index
Conference Proceedings Citation Index
Book Citation Index

Key features
Includes the following data sources:

- Reliable citation indicators
- Global evaluation schema
- Collaboration indicators
- Open access indicators
- Citation Topics
- Trend analysis
- Institutional profiles

Data fields

- Times Cited
- Document Type
- Journal Impact Factor
- Highly Cited/Hot Paper
- Collaboration indicators (International, industry, International)
- Open Access type (DOAJ Gold, Other Gold, Green Published, Green Accepted, Bronze)
- Normalized metrics (Category Normalized Citation Impact (per category), Journal Normalized Citation Impact)
- Percentile per category

API usage

Queries
Search by WoS accession number (UT) to get document-level metrics
See <https://developer.clarivate.com/apis/incites> for more information

- GET metrics by institution ID endpoint
- GET metrics by UT endpoint
- Set global evaluation schema for regional context

Example use cases

- **Library:** publication repository updates, metrics for institute papers
- **Research management:** benchmark, collaborations, citations, integration with CRIS
- **Research:** Retrieve metrics and citation topics for bibliometrics studies

Web of Science™ Journals API

July 2021

The new Journals API complements our suite of RESTful Web of Science APIs to provide complete journal metadata and metrics from the Journal Citation Reports

Publication metadata



Web of Science API Lite

Support search and data integration using **limited** Web of Science data returned as JSON or XML



Web of Science API Expanded

Support search and data integration using **full** Web of Science data returned as JSON or XML

Publication metrics



InCites API

Support bibliometric analysis and integration of document-level metrics

Journal metadata/metrics



Web of Science Journals API

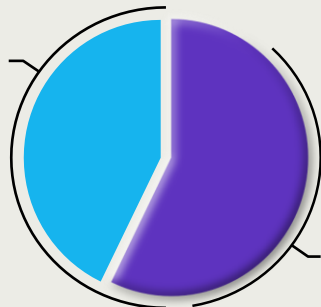
Support bibliometric analysis and integration of journal-level metrics

Coverage

21,000 +

journals covered*

Includes the sciences (SCIE), social sciences (SSCI), and now both the arts & humanities (AHCI) and emerging sources (ESCI)



All Web of Science Core Collection™ Journals

12,000 +

have a **Journal Impact Factor™ (JIF)**
SCIE and SSCI

*From July 2021

A new normalized journal metric*

Journal Citation Indicator

calculated for all Web of Science Core Collection journals, along with:

- Journal name & ISSN/eiSSN
- Category and rank
- Total cites
- Immediacy Index
- Journal Impact Factor™
- 5-year JIF
- JIF quartile
- Average JIF percentile
- Eigenfactor and Article Influence Score
- Cited/citing half-life
- Citable items
- Open access
- Source data counts

Example use cases

Integrate with internal systems

For example, to pass Journal Impact Factors (JIFs) and Journal Citation Indicators (JCIs) to journal web pages

Bibliometric studies

Access and retrieve core journal metrics for entire categories of groups and journal to include in analyses

API usage

Journal

- Query for all journals or by journal ID
- Get cited and citing journals
- Get journal metrics

Category

- Query for all categories or by category ID
- Get cited and citing categories
- Get category metrics

Queries

Boolean AND/+, OR and NOT operators are supported, along with '*' wildcards. Queries can be filtered by values and ranges

See <https://developer.clarivate.com/apis/wos-journals> for more information

Web of Science Journals API data fields

Web of Science Journals API

Journals Endpoints

- Journals unique ID (based on JCR abbreviated title)
- API Link to Journal record
- Journal title
- Search matches with the found phrase **highlighted**
- Category information (unique ID, category name, and edition)
- Link to the Journal Citation Report
- Metrics information (Impact metrics)
- Metrics information (Source metrics)
- Ranks information (JIF rank and quartile within the category)
- Basic bibliographic information about the journal, including publisher, ISSN and e-ISSN (where available), open access status, language, frequency of publication, and Web of Science categorization.
- Links to the multi-year Journal Citation Report data, starting from 1997.
- Journal name and link to the Journal entry
- Key indications (metrics): impact, source and influence
- Journal Impact Factor and ESI citations ranks
- Journal Source Data
- Three-year content analysis by country/region and organization
- Links to the related Cited/Citing reports
- Citing Journal with the link to WoS Journal API entity
- Cited Year (all): The total number of citations from the citing journal. This total includes the number shown under each year and the number in the Rest column.
- Cited Year (10 years interval): Publication year of the cited articles.
- Cited Year (rest): All publication years of cited articles prior to the 10-year period defined by the table. For example, if the cited years shown are 2017-2008, the Rest column will show the number of citations from the citing journal in 2017 to articles published in the cited journal in 2007 and any earlier year.

Web of Science Journals API

Categories Endpoints

- Category unique ID (based on category code and edition)
- API Link to Category record
- Category title
- Search matches with the found phrase **highlighted**
- Edition information
- Link to the Category Report
- Name, description and links to each JCR Category
- Metrics related to a subject category in the Journal Citation Record are available, including: number of journals and articles in the category, Total Cites, Median Impact Factor, Aggregate Impact Factor, Aggregate Immediacy Index, and Cited and Citing category half-life.
- Citing Journal with the link to WoS Journal API entity. Citing journals are sorted in descending order. At the top is the journal with the largest number of citations to the subject category.
- Cited journals: The number of journals in the subject category.
- Cited year (all): The total number of citations from the citing journal. This total includes the number shown under each year and the number in the "Rest".
- Cited Year (10-year interval): The publication year of the cited articles.
- Cited Year (rest): All publication years of cited articles prior to the ten-year period defined. For example, if the cited years are 2013-2004, the Rest number will show the number of citations from the citing journal in 2012 to articles published in 2003 and earlier in journals in the subject category.
- Cited Journal with the link to WoS Journal API entity. Cited journals are sorted in descending order. At the top is the journal with the largest number of citations to the subject category.
- Citing journals: The number of journals in the subject category.

Why Web of Science data?

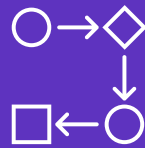
You can rely on data that is uniquely selective, based on an **independent editorial process**, combined with over **50 years of essential, accurate and unique curation** – resulting in our unparalleled data structure.

Every article from every journal has been indexed, creating a comprehensive and complete data network – helping you to inform your strategy and planning.



Selectivity

Publisher independence – ensures an unbiased view of quality and impact of our collection and data.



Structure

50 years of curated essential, accurate, consistent data indexing.



Certainty

Every article from every journal has been indexed, creating a trusted network. Never miss a vital piece of information and follow the history of research through unrivaled citation connections.



Vă mulțumesc!

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www.clarivate.com

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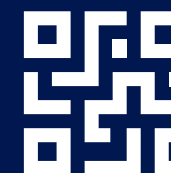
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LIVE CHAT

Click [here](#) to reach a WoS agent



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WoSG.support@clarivate.com or click [here](#) to send us a Webform



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Links to popular articles include: [Remote Access to WoS](#), [h-index Information](#)