Web of Science Group presents the Research. Smarter. webinar series. Essential resources, tips, and guidance to help you power through each stage of your research journey.



Aprofundează cunoștiințele in domeniul tău de cercetare cu Web of Science

Adriana FILIP Solutions Consultant EMEA Adriana.Filip@clarivate.com

Aprilie 2020

Key tips to help you research smarter

- 1. Master the keyword search
- 2. Filter your results and analyze for trends
- 3. Explore the citation network
- 4. Save your searches and set up alerts



Web of Science Core Collection | Basic Search

Search Fields

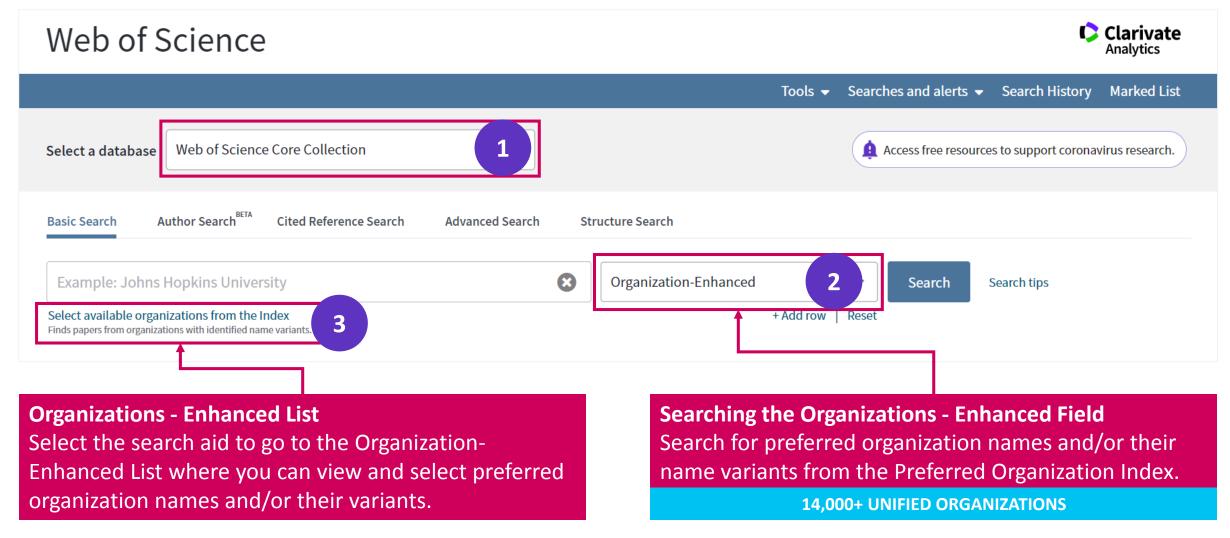
- Topic
- Title
- Author
- Author Identifiers
- All Fields
- Group Author
- Editor
- Publication Name
- DOI
- Year Published
- Address
- Organizations-Enhanced
- Conference
- Language
- Document Type
- Funding Agency
- Grant Number
- Accession Number
- PubMed ID

Fields mined to return results in a common **Topic Search**:

- 1. The **Title** of the article, review, proceeding, book, etc.
- 2. The **Abstract**, which is the work's summary containing the key points discussed such as research question, methodology, discussion and conclusion. This field is supplied by the author(s) of the article or paper.
- 3. The **Keywords** and **Keywords Plus** fields: The keywords field is the one supplied by the author(s) and "tags" the main and sub topics of the paper's content. The keywords plus field is an algorithm that provides expanded terms stemming from the record's cited references or bibliography.



Web of Science Core Collection | Organization Search





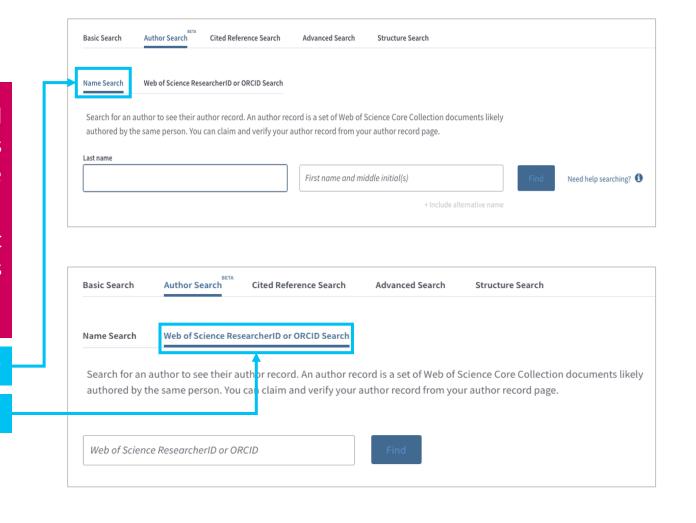
Web of Science Core Collection | Author Search

Author Search BETA helps identify and retrieve all documents by a particular author. Author Search helps separate documents by different authors with the same name.

The improved author search allows to submit feedback on publication records, and allows authors to claim and curate their author records.

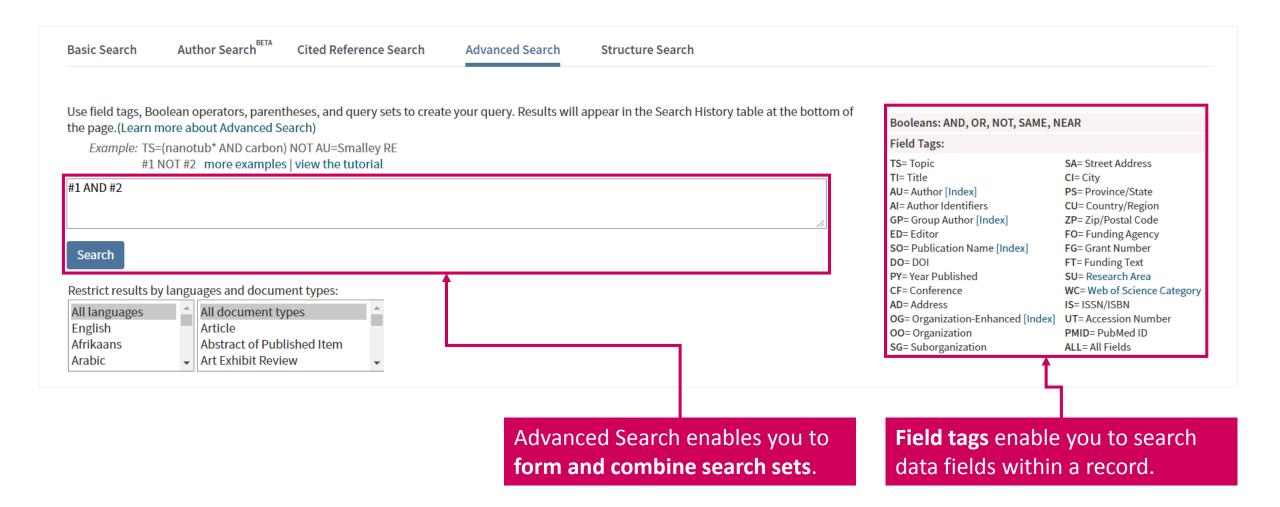
Search by Author Name, with type-ahead functionality

Search by Web of Science ResearcherID or ORCiD





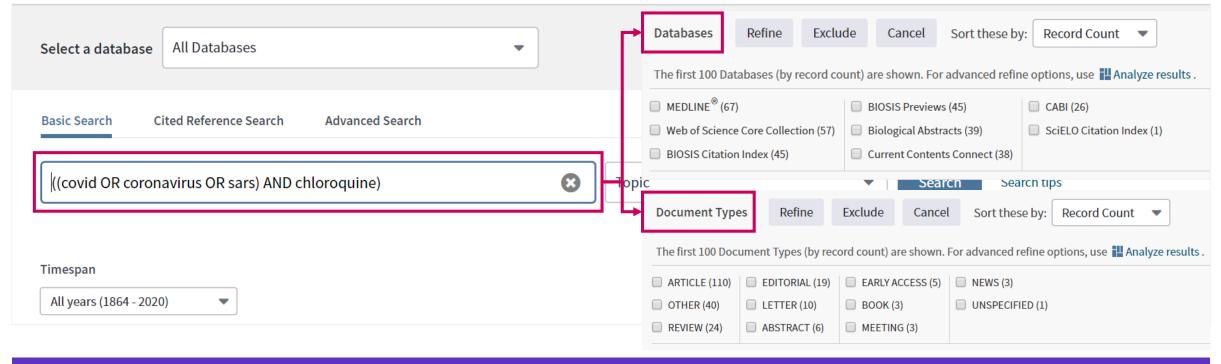
Web of Science Core Collection | Advanced Search





All Database search

A topic search at the **All Databases** level helps discover content in formats and document types across all content sets.



A topic search at the All Databases level takes advantage of the specialized indexing systems of each specific resource (MeSH Terms in Medline, Taxonomic Data in BIOSIS, Class and Manual codes in Derwent etc.).

The Clarivate Analytics staff have mapped the specialized vocabularies from each of the different classification systems onto a common indexing backbone called **Research Areas**, which are broadly based on Web of Science Core Collection / Journal Citation Report classifications.

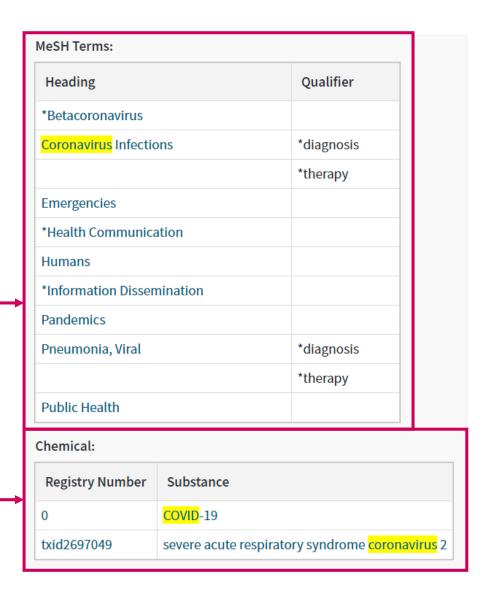
After a topic search at the All Databases level, you can refine by Research Areas and focus on content you are interested in without having to know the specialized vocabularies of each indexing system. For example, a topic search for "heart attack" pulls up more than 16,000 records, and if I refine by "Pathology" under Research Areas, I can go to those documents without having to know the specific MeSH terms those documents were indexed by.



All Database search

In cases where there is overlap between databases on the Web of Science platform—if the same article is indexed in Web of Science Core Collection, Medline, and BIOSIS Citation Index--a search at the All Databases level provides additional value with access to the article's metadata from each of those databases on the platform.

E.g. Medline MeSH Terms and Chemical Terms



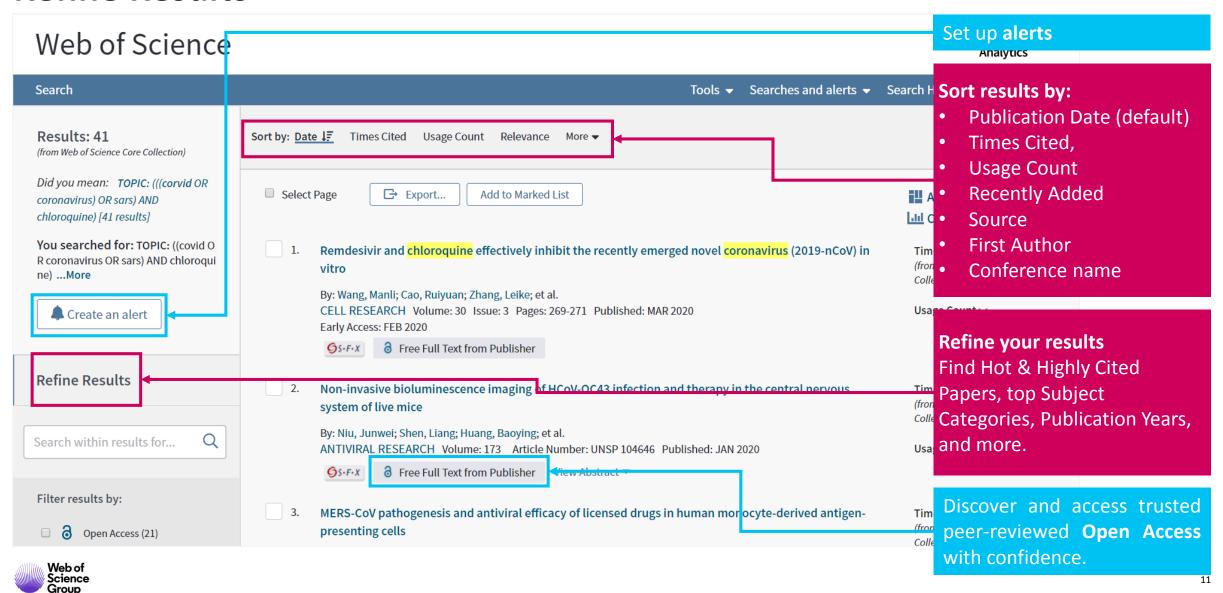


Key tips to help you research smarter

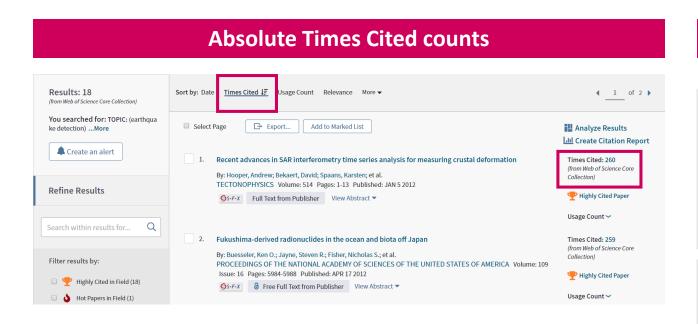
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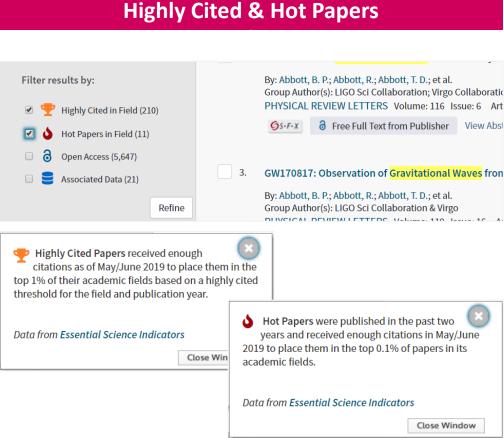


Refine Results



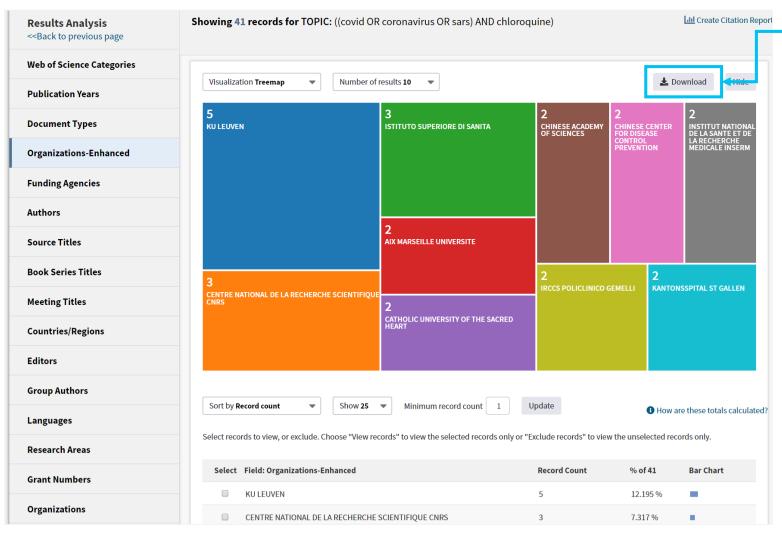
Refine Results | Identify top papers in your topics







Analyze results



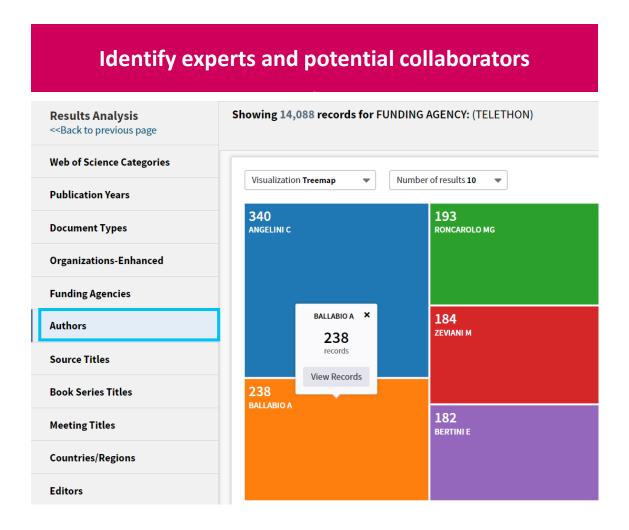
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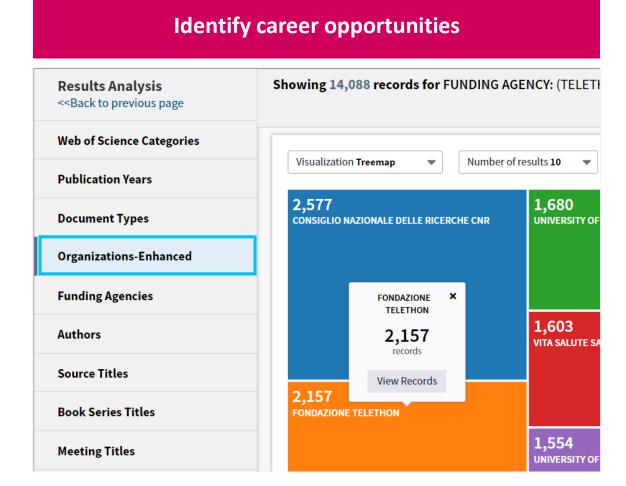
Group & rank records in a results set by extracting data values from a variety of fields.

- Find the most prevalent authors in a particular field of study,
- Generate a list of institutions ranked by record count
- Identify experts and potential collaborators
- Identify career opportunities
- Identify important journals to follow
- Identify funding sources for your work



Analyze results | Leverage citation







Create a Citation Report

CITATION PERFORMANCE STATISTICS

Find out your publication & citation trend

Calculate your H-index

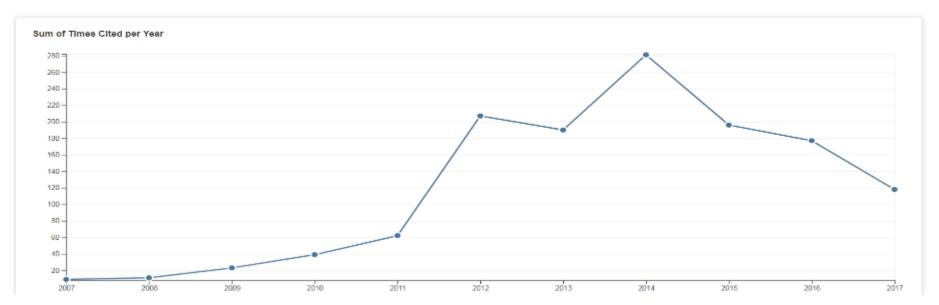
Check who is citing your work











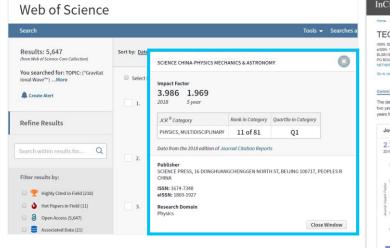


Journal Performance

JOURNAL CITATION REPORTS

Identify important journals to follow

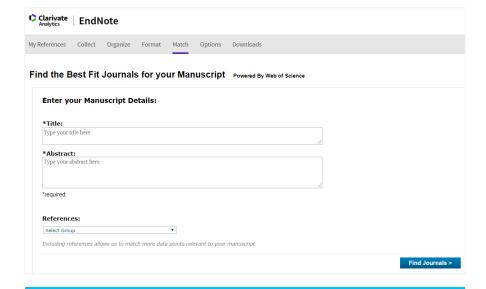
Analyze and compare journals



InCites Journal Citation Repo	orts		Clarivate Analytics
Home > Journal Profile			15. 5.
TECTONOPHYSICS ISIN: 0040-1951 ISIN: 0040-1951 ISIN: 0040-1951 ISIN: 0040-1951 ISIN: 0040-1951 PO BOX 211: 1000 AE AMSTERDAM, NETHERLANDS METHERLANDS		TITLES ISO: Tectonophysics JCR Abbrev: TECTONOPHYSICS CATEGORIES	LANGUAGES MUT-Language PUBLICATION FREQUENCY
NETHERLANDS Go to Journal Table of Contents Go to Utrich's Printable Ver Current Year 2017 All Years	sion	GEOCHEMISTRY & GEOPHYSICS - SCIE	24 incursiyear
The data in the two graphs below and in the Journal Impe two years. They detail the components of the Journal Imp years for this journal.	act Factor, Use the "All	Years" tab to access key metrics and add	Sitional data for the current year and all prior
Journal Impact Factor Trend 2018	Yintable Version	Citation distribution 2018	Printable Version 🔑
2.764 2018 Journal Impact Factor		2 Article citation median Review citation in	nedian
3.000 2.200 2.200 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.00000 3.0000 3.0000 3.00000 3.00000 3.0000 3.00000 3.00000 3.00000 3.0000 3.00000 3.00000 3.00000	50%	100 100 100 100 100 100 100 100 100 100	
Journal Impact Factor Calculation 2018 Journal Impact Factor = 2.159 / 781 = 2.764	Journal Impact Citable items in 2017 a	Factor contributing items and 2016 (781) Citations in 2018 (2,159)	Show all CITATIONS COUNTED TOWARDS JF
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Number of clabble items in 2016 (447) + 2017 781 (334)	Geodynamics of the Si By: Sibuet, Jean-Claud Volume: 692 Page Document Type: Artic	is: Yeh, Yi-Ching: Lee, Chao-Shing 1: 98-119 Accession number: WOS:000390	14

ENDNOTE

Identify journals to publish in





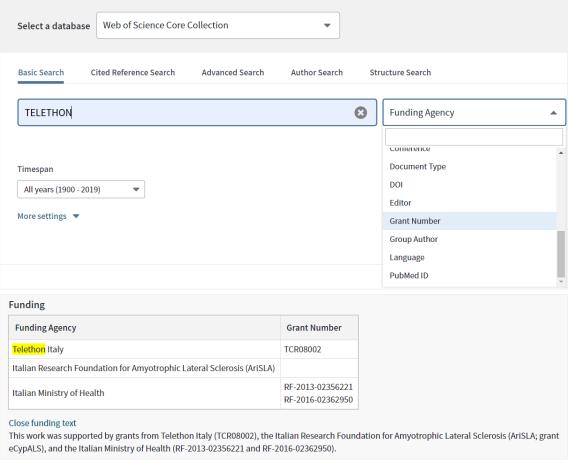
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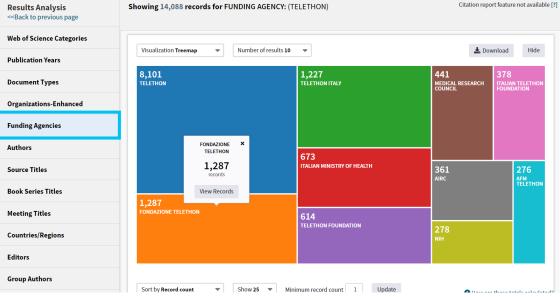


Identify funding sources for your work

Search the Funding Text Field and the Grant Number Field



Joseph Showing 14,088 records for FUNDING AGENCY: (TELETHON)



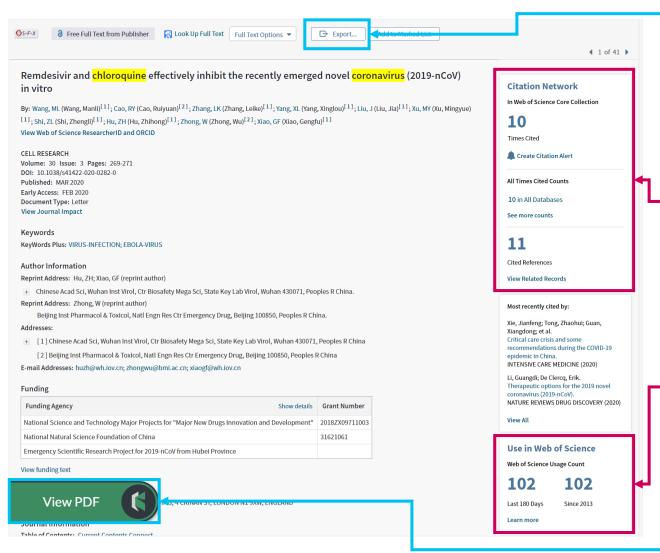


Key tips to help you research smarter

- 1. Master the keyword search
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Full Record



Output Record: Print, E-Mail, Save to Endnote Online, Save to EndNote Desktop, Save to FECYT-CVN, Save to InCites, Save to Other File Formats, Save to RefWorks, Save to RD File, Save to SD File

Navigate the citation network to find more relevant results

The **Cited References** count displays the number of documents cited by the current record. Click the link to view the list of cited references. From there you can view the full record of each cited reference. (Access to the full records of cited references may be limited to your institution's subscription.)

The **Times Cited** count is the number of articles in the database that cite the current article. Click the number to go to the list of citing articles.

The **Usage Count** is a measure of the level of interest in a specific item on the Web of Science platform.

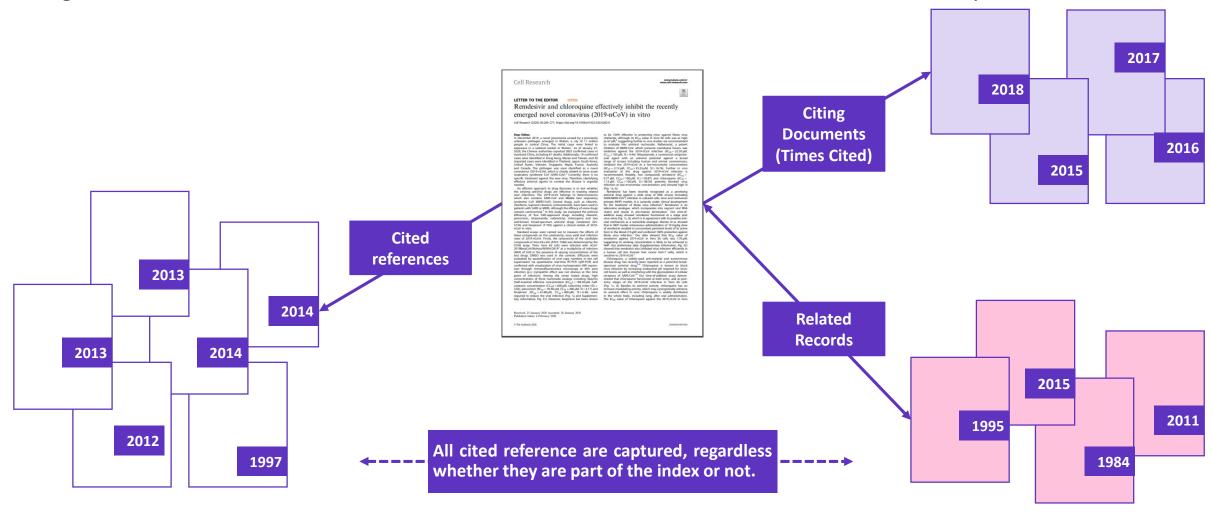
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Citation Network

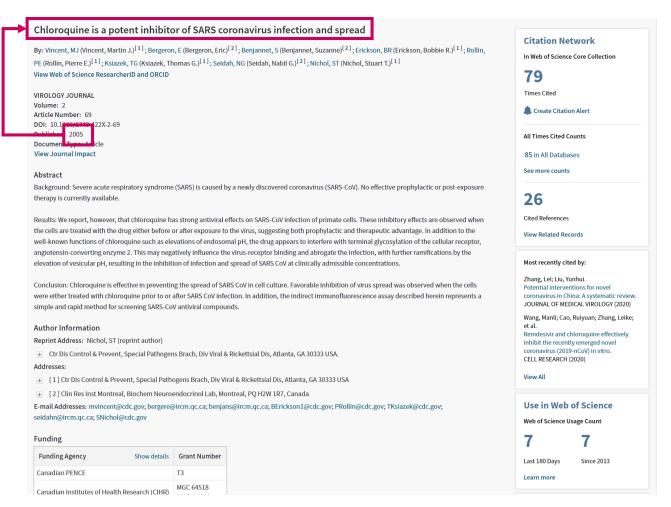
Navigate the Citation Network to find relevant results and track the evolvement of the topic over time





Cited References

Navigate the cited references for more relevant results





Cited References

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Chloroquine is a potent inhibitor of SARS coronavirus infection and spread

By: Vincent, MJ (Vincent, Martin J.)[1]; Bergeron, E (Bergeron, Eric)[2]; Benjannet, S (Benjannet, Suzanne)[2]; Erickson, BR (Erickson, Bobbie R.)[1]; Rollin, PE (Rollin, Pierre E.)^[1]; Ksiazek, TG (Ksiazek, Thomas G.)^[1]; Seidah, NG (Seidah, Nabil G.)^[2]; Nichol, ST (Nichol, Stuart T.)^[1] View Web of Science ResearcherID and ORCID

VIROLOGY JOURNAL

Volume: 2 Article Number: 69

DOI: 10.1 2005

View Journal Impact

Abstract

Background: Severe acute respiratory syndrome (SARS) is caused by a newly discovered coronavirus (SARS-CoV). No effective prophylactic or post-exposure therapy is currently available.

Results: We report, however, that chloroquine has strong antiviral effects on SARS-CoV infection of primate cells. These inhibitory effects are observed when the cells are treated with the drug either before or after exposure to the virus, suggesting both prophylactic and therapeutic advantage. In addition to the well-known functions of chloroquine such as elevations of endosomal pH, the drug appears to interfere with terminal glycosylation of the cellular receptor, angiotensin-converting enzyme 2. This may negatively influence the virus-receptor binding and abrogate the infection, with further ramifications by the elevation of vesicular pH, resulting in the inhibition of infection and spread of SARS CoV at clinically admissible concentrations.

Conclusion: Chloroquine is effective in preventing the spread of SARS CoV in cell culture. Favorable inhibition of virus spread was observed when the cells were either treated with chloroquine prior to or after SARS CoV infection. In addition, the indirect immunofluorescence assay described herein represents a simple and rapid method for screening SARS-CoV antiviral compounds.

Author Information

Reprint Address: Nichol, ST (reprint author)

Etr Dis Control & Prevent, Special Pathogens Brach, Div Viral & Rickettsial Dis, Atlanta, GA 30333 USA.

- 📘 [1] Ctr Dis Control & Prevent, Special Pathogens Brach, Div Viral & Rickettsial Dis, Atlanta, GA 30333 USA
- [2] Clin Res Inst Montreal, Biochem Neuroendocrinol Lab, Montreal, PQ H2W 1R7, Canada

E-mail Addresses: mvincent@cdc.gov; bergere@ircm.qc.ca; benjans@ircm.qc.ca; BErickson1@cdc.gov; PRollin@cdc.gov; TKsiazek@cdc.gov; seidahn@ircm.qc.ca; SNichol@cdc.gov

Funding

Funding Agency	Show details	Grant Number
Canadian PENCE		T3
Canadian Institutes of Health	Research (CIHR)	MGC 64518

Citation Network

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Times Cited

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85 in All Databases

26

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Most recently cited by:

Zhang, Lei: Liu, Yunhui, Potential interventions for coronavirus in China: A sys JOURNAL OF MEDICAL VIR

Wang, Manli; Cao, Ruiyuan

Remdesivir and chloroqui inhibit the recently emerge coronavirus (2019-nCoV) ir CELL RESEARCH (2020)

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[1] UCL, Div Infect & Immun, 307 Euston Rd, London NW1 3AD, England

Bldg, 102 Pokfulam Rd, Pokfulam, Hong Kong, Peoples R China.

Reprint Address: Yuen, KY (reprint author)

and host-based therapeutic options for CoV infections.

[2] UCL Hosp NHS Fdn Trust, NIHR Biomed Res Ctr, 307 Euston Rd, London NW1 3AD, England

Coronaviruses - drug discovery and therapeutic options

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NATURE REVIEWS DRUG DISCOVERY Volume: 15 Issue: 5 Pages: 327-347

DOI: 10.1038/nrd.2015.37 Published: MAY 2016 Document Type: Review

View Journal Impact

Author Information

Add to Marked List

🗐 [3] Univ Hong Kong, State Key Lab Emerging Infect Dis, Carol Yu Ctr Infect, Queen Mary Hosp, Res Ctr Infect & Immunol, Dept Microbiol, Univ Pathology Bldg,102 Pokfulam Rd, Pokfulam, Hong Kong, Peoples R China

🔢 Univ Hong Kong, State Key Lab Emerging Infect Dis, Carol Yu Ctr Infect, Queen Mary Hosp, Res Ctr Infect & Immunol, Dept Microbiol, Univ Pathology

viruses pose major challenges to clinical management because there are no specific antiviral drugs available. In this Review, we summarize the

🗐 [4] King Abdulaziz Univ, Special Infect Agents Unit, King Fahd Med Res Ctr, POB 128442, Jeddah 21362, Saudi Arabia

[5] King Abdulaziz Univ, Med Lab Technol Dept, Fac Appl Med Sci. POB 128442, Jeddah 21362, Saudi Arabia

CONVERTING ENZYME-2; TRANSGENIC MOUSE MODEL; HOST-CELL ENTRY; MERS-COV; SPIKE PROTEIN; IN-VITRO

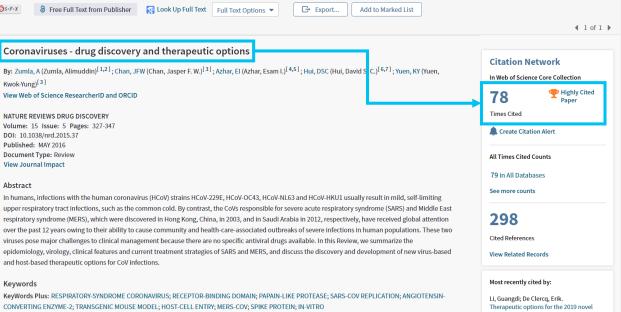
🗐 [6] Chinese Univ Hong Kong, Prince Wales Hosp, Div Resp Med, 30-32 Ngan Shing St, Shatin, Hong Kong, Peoples R China

🗐 [7] Chinese Univ Hong Kong, Prince Wales Hosp, Stanley Ho Ctr Emerging Infect Dis, 30-32 Ngan Shing St, Shatin, Hong Kong, Peoples R China

E-mail Addresses: kyyuen@hku.hk

Funding

Funding Agency	Show details	Grant Number
Respiratory Viral Research Foundation Limited		
Consultancy Service for Enhancing Laboratory Surveillance of Emerging Infectious Disease of the Department of Health		
Health and Medical Research Fund of the Food and Health Bureau		15140762
National Natural Science Foundation of China		N_HKU728/14
Theme-based Research Scheme (T11 707/15 R) of the Research Grants Council, Hong Kong Special Administrative Region of the People's Republic of China		
National Institutes of Health Research (NIHR), Biomedical Research Centre at UCL Hospital, London, UK		



coronavirus (2019-nCoV). NATURE REVIEWS DRUG DISCOVERY (2020)

Zumla, Alimuddin; Hui, David S.; Azhar, Reducing mortality from 2019-nCoV: hostdirected therapies should be an option.

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LANCET (2020)

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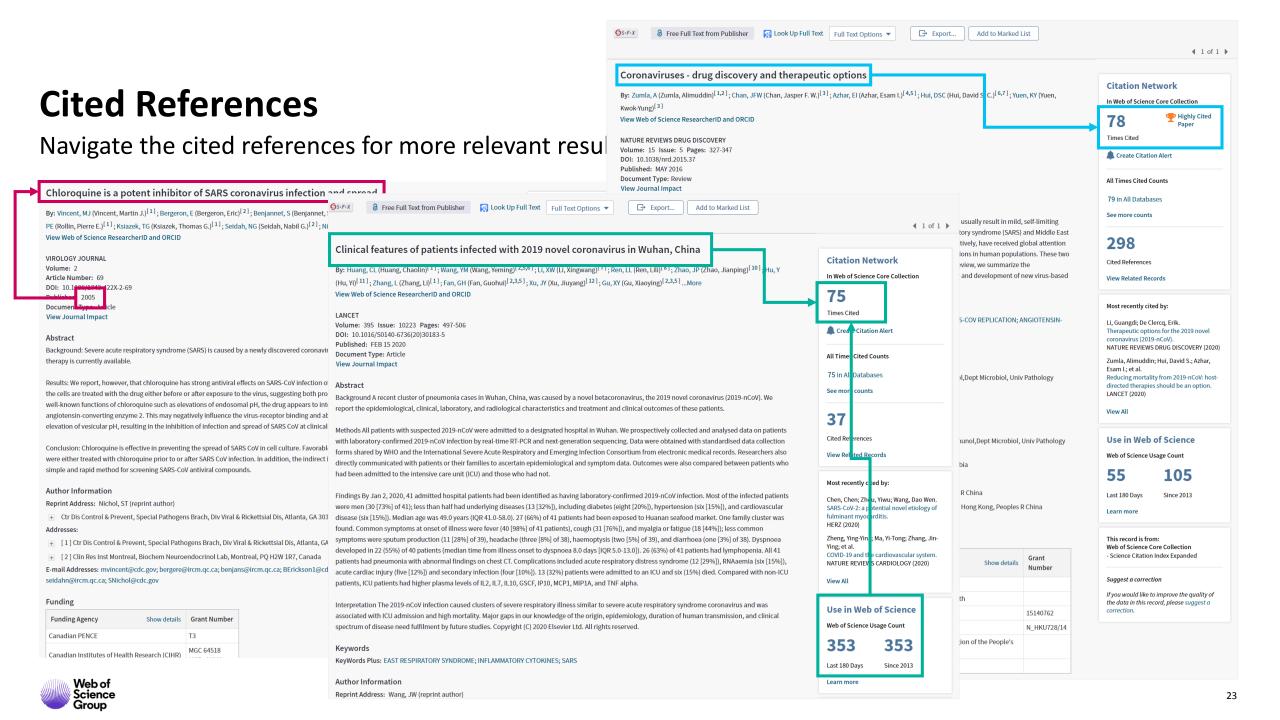
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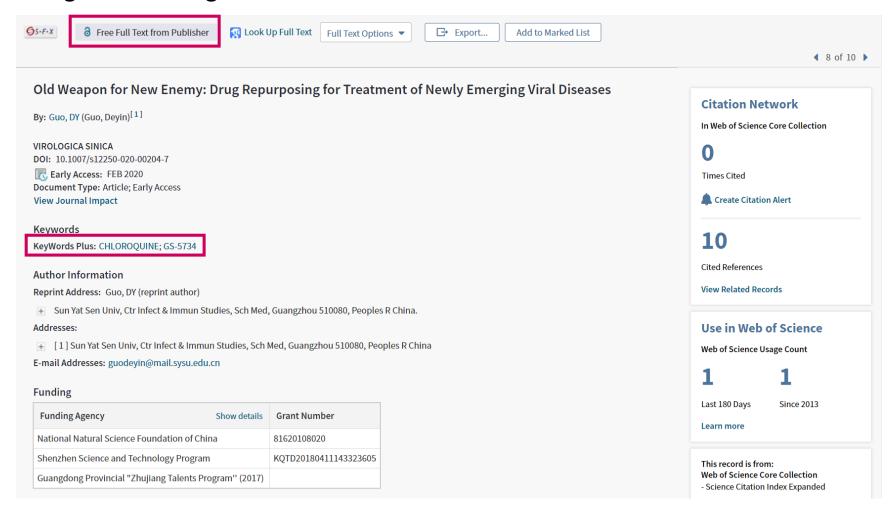
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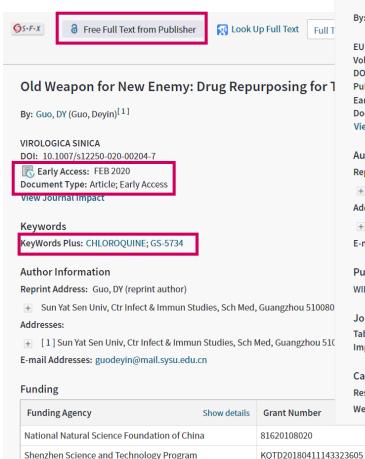
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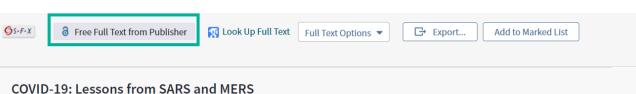


Citing Documents

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Guangdong Provincial "Zhujiang Talents Program" (2017)



By: Park, M (Park, Mirae)^[1]; Thwaites, RS (Thwaites, Ryan S.)^[1]; Openshaw, PJM (Openshaw, Peter J. M.)^[1]

EUROPEAN JOURNAL OF IMMUNOLOGY

Volume: 50 Issue: 3 Pages: 308-311

DOI: 10.1002/eji.202070035 Published: MAR 2020 Early Access: FEB 2020

Document Type: Editorial Material

View Journal Impact

Author Information

Reprint Address: Openshaw, PJM (reprint author)

Imperial Coll London, Natl Heart & Lung Inst, London, England.

Addresses:

[1] Imperial Coll London, Natl Heart & Lung Inst, London, England

E-mail Addresses: p.openshaw@imperial.ac.uk

Publisher

WILEY, 111 RIVER ST, HOBOKEN 07030-5774, NJ USA

Journal Information

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Research Areas: Immunology

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Old Weapon for New Enemy: Dru

By: Guo, DY (Guo, Deyin)^[1]

VIROLOGICA SINICA

DOI: 10.1007/s12250-020-00204-7

Early Access: FEB 2020 Document Type: Article; Early Access

View Journal Impact

Keywords

KeyWords Plus: CHLOROQUINE; GS-5734

Author Information

Reprint Address: Guo, DY (reprint author)

+ Sun Yat Sen Univ, Ctr Infect & Immun Studies,

Addresses:

E-mail Addresses: guodeyin@mail.sysu.edu.cn

Funding

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National Natural Science Foundation of Ch	nina
Shenzhen Science and Technology Progra	m
Guangdong Provincial "Zhujiang Talents P	rogram

Therapeutic options for the 2019 novel coronavirus (2019-nCoV)

By: Li, GD (Li, Guangdi)^[1]; De Clercq, E (De Clercq, Erik)^[2]

NATURE REVIEWS DRUG DISCOVERY

Volume: 19 Issue: 3 Pages: 149-150 DOI: 10.1038/d41573-020-00016-0

Published: MAR 2020

Document Type: Editorial Material

View Journal Impact

Abstract

Therapeutic options in response to the 2019-nCoV outbreak are urgently needed. Here, we discuss the potential for repurposing existing antiviral agents to trea 2019-nCoV infection (now known as COVID-19, some of which are already moving into clinical trials.

Author Information

Reprint Address: Li, GD (reprint author)

Cent South Univ, Xiangya Sch Publ Hlth, Dept Epidemiol & Hlth Stat, Changsha, Peoples R China.

Reprint Address: De Clercq, E (reprint author)

★ Katholieke Univ Leuven, Rega Inst Med Res, Dept Microbiol Immunol & Transplantat, Leuven, Belgium.

- [1] Cent South Univ, Xiangya Sch Publ Hlth, Dept Epidemiol & Hlth Stat, Changsha, Peoples R China
- 🔢 [2] Katholieke Univ Leuven, Rega Inst Med Res, Dept Microbiol Immunol & Transplantat, Leuven, Belgium

E-mail Addresses: liguangdi.research@gmail.com; erik.declercq@kuleuven.be

Funding

Funding Agency	Show details	Grant Number
National Natural Science Foundation of China		31571368 31871324 81730064
National Science and Technology Major Project		2018ZX10715004
Natural Science Foundation of Hunan Province		2018JJ3713
Hunan Youth Elite Project		2018RS3006
Project of Innovation-Driven Plan of Central Sout	th University	2016CX031

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Zhang, Haibo; Penninger, Josef M.; Li, Yimin; et al.

Angiotensin-converting enzyme 2 (ACE2) as a SARS-CoV-2 receptor: molecular mechanisms and potential therapeutic

INTENSIVE CARE MEDICINE (2020)

Nguyen, Tuan M.; Zhang, Yang; Pandolfi, Pier Paolo.

Virus against virus: a potential treatment for 2019-nCov (SARS-CoV-2) and other RNA viruses.

CELL RESEARCH (2020)

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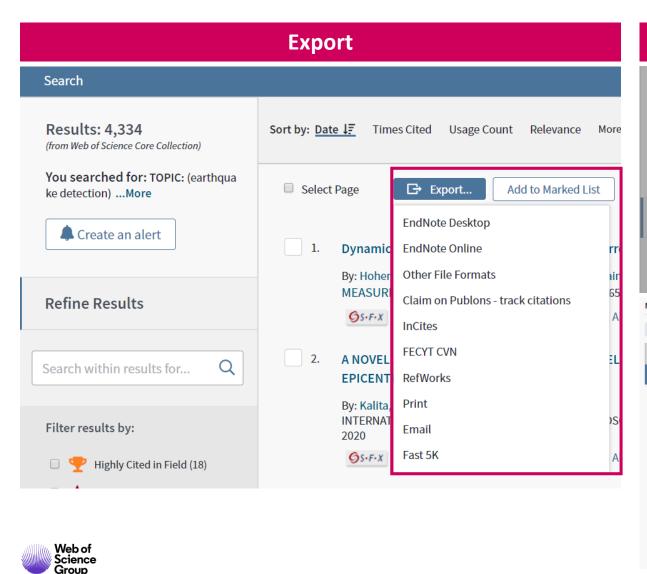
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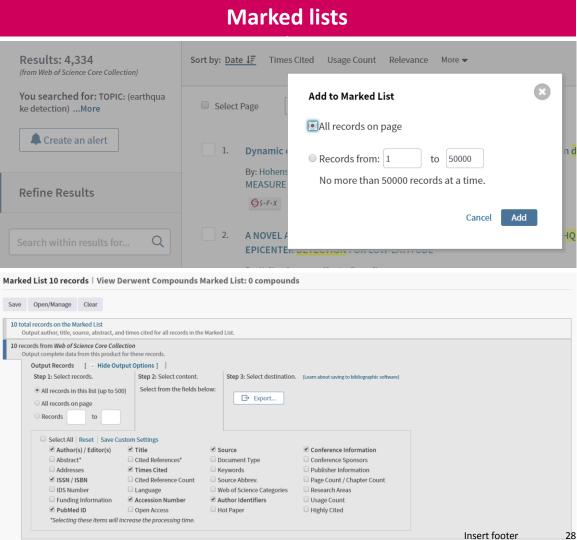
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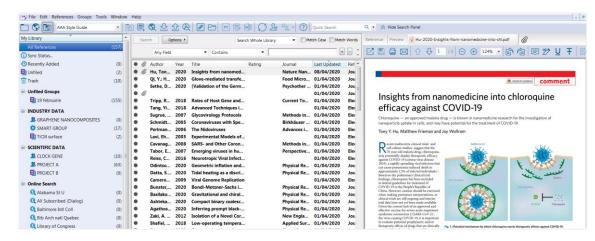




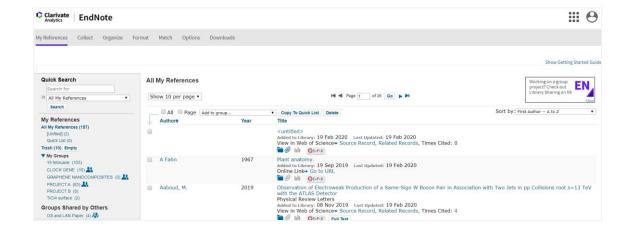
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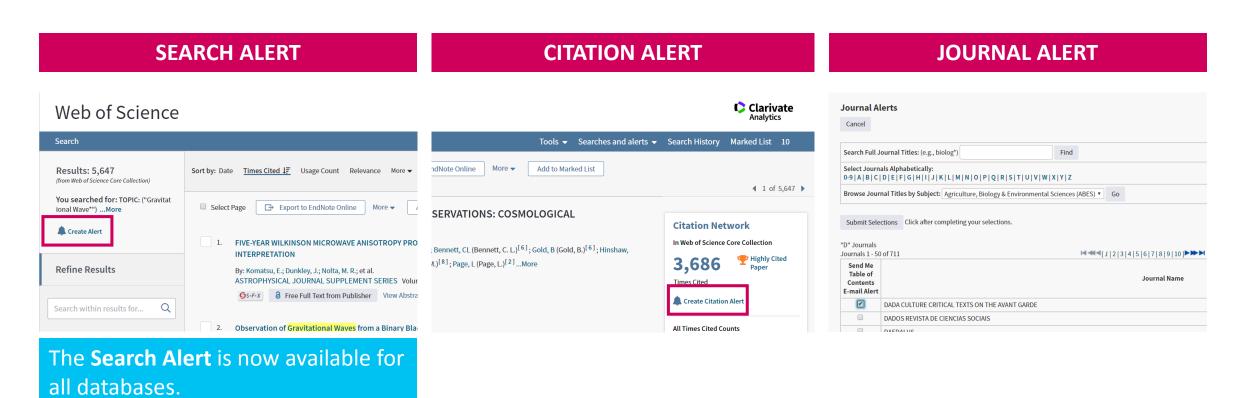


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Adriana FILIP

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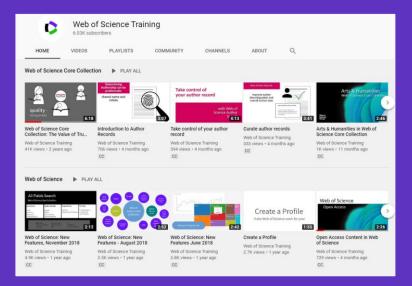
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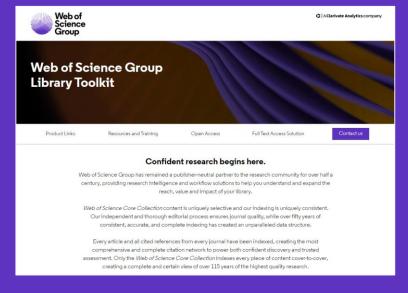


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