

SCIENCE DIRECT USER TRAINING AND PRODUCT UPDATES

Presented by Ozge Sertdemir

o.sertdemir@elsevier.com

2019

AGENDA

- What is Science Direct?
- Benefits of Science Direct
- Content Innovations and Enhancements
 - ScienceDirect Topics
 - Personalized Recommendations
 - New Journal Pages
- Demo

Facts and Figures - ScienceDirect

Elsevier's **leading information solution** for researchers, a **full-text** platform for **scientific, technical and medical** journals & books.



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29 articles a second
Over 900 million full text articles were downloaded in 2016 alone.

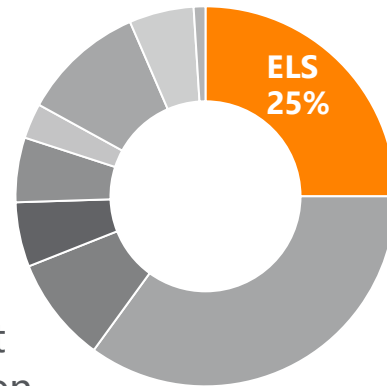


420.000 peer-reviewed research articles published annually, including *the Lancet* and *the Cell*, and many iconic reference works, including *Grey's Anatomy*.



#1 Global Provider

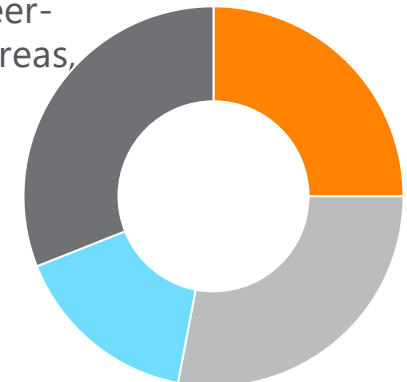
- Publish 25% of world's journal articles
- 2,500 active journals
- 35,000 book titles
- 900 serials
- Over 14 million full-text content pieces with an average of citation share of 25.3%



Multi-disciplinary Content

A repository of full-texts from peer-reviewed sources cover 4 main areas, with 24 sub-titles:

- Engineering
- Life Sciences
- Health
- Social Sciences



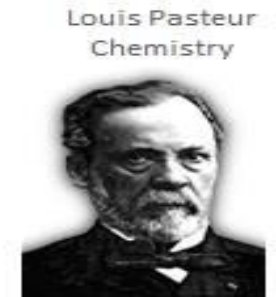
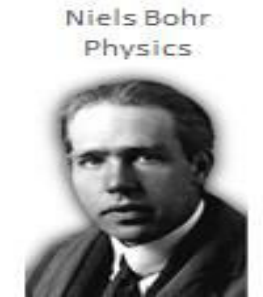
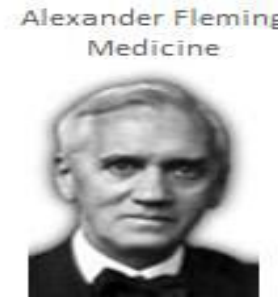
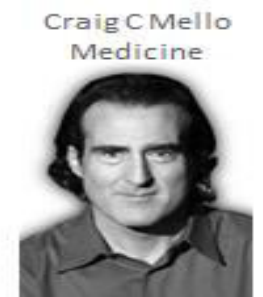
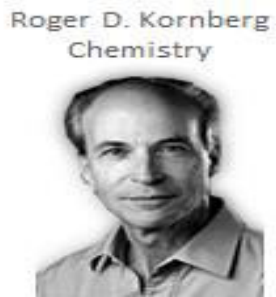
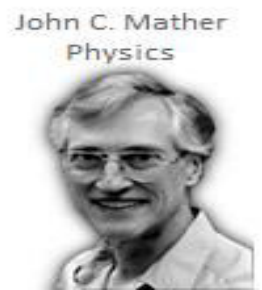
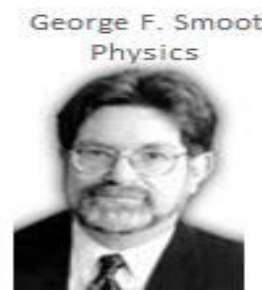
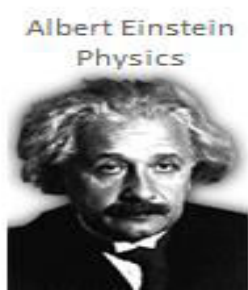
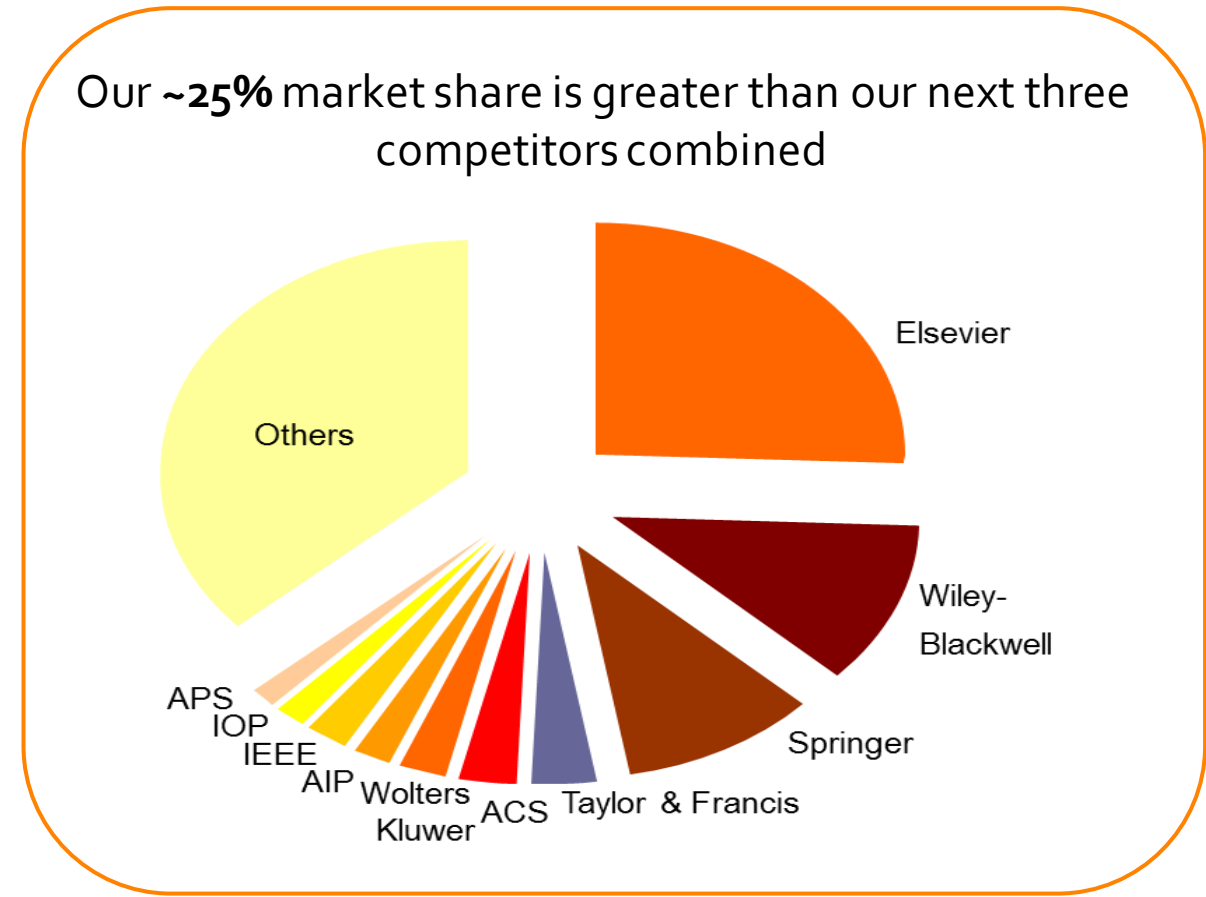
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01

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02

Have proper references and get more citations

03

Increase your visibility and collaboration

04

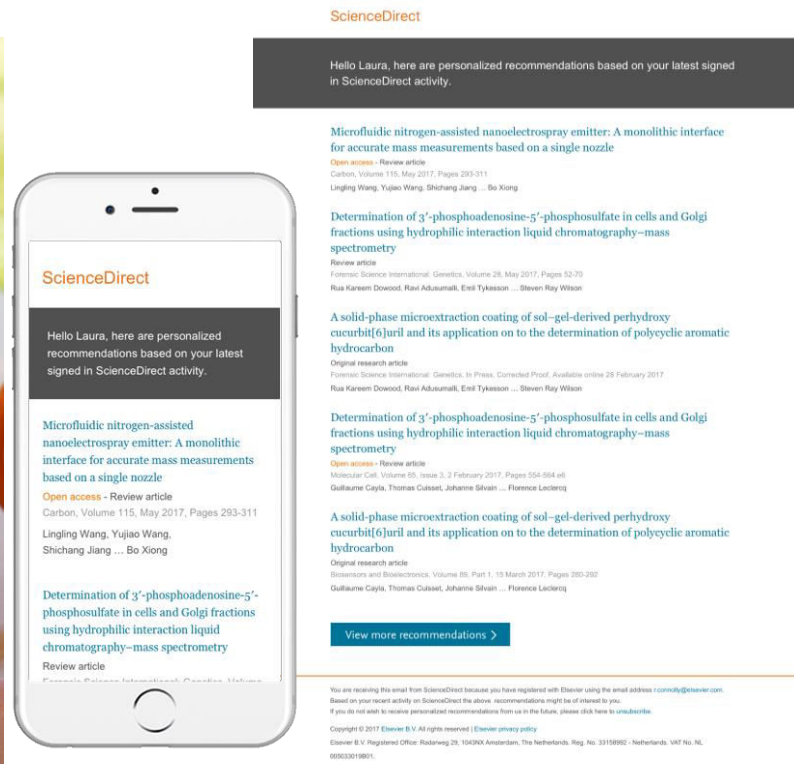
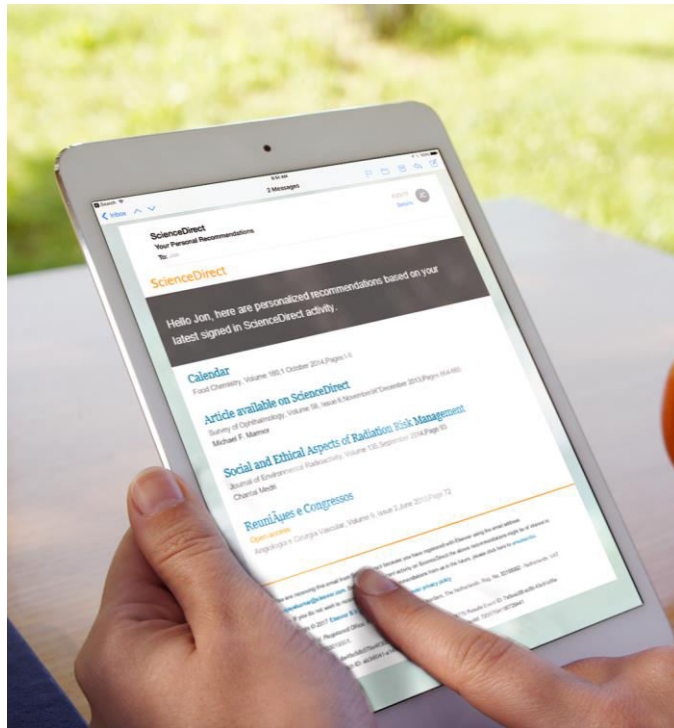
Increase your funding opportunities

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To improve your research output and make a greater impact in your field, ScienceDirect empowers you to reach your goals by being **more informed, more effective and more efficient:**

1

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ScienceDirect

Hello Laura, here are personalized recommendations based on your latest signed in ScienceDirect activity.

Microfluidic nitrogen-assisted nanoelectrospray emitter: A monolithic interface for accurate mass measurements based on a single nozzle

Open access - Review article
Carbon, Volume 115, May 2017, Pages 293-311
Lingling Wang, Yujiao Wang, Shichang Jiang ... Bo Xiong

Determination of 3'-phosphoadenosine-5'-phosphosulfate in cells and Golgi fractions using hydrophilic interaction liquid chromatography-mass spectrometry

Review article
Forensic Science International: Genetics, Volume 28, May 2017, Pages 52-70
Rui Kareem Dowood, Ravi Adusumalli, Emil Tykesson ... Steven Ray Wilson

A solid-phase microextraction coating of sol-gel-derived perhydroxy cucurbit[6]uril and its application on to the determination of polycyclic aromatic hydrocarbon

Original research article
Forensic Science International: Genetics, In Press, Corrected Proof, Available online 28 February 2017
Rui Kareem Dowood, Ravi Adusumalli, Emil Tykesson ... Steven Ray Wilson

Determination of 3'-phosphoadenosine-5'-phosphosulfate in cells and Golgi fractions using hydrophilic interaction liquid chromatography-mass spectrometry

Open access - Review article
Molecular Cell, Volume 65, Issue 3, 3 February 2017, Pages 554-564.e1
Guillaume Clayte, Thomas Coudret, Johanne Salvan ... Florence Leclercq

A solid-phase microextraction coating of sol-gel-derived perhydroxy cucurbit[6]uril and its application on to the determination of polycyclic aromatic hydrocarbon

Original research article
Biosensors and Bioelectronics, Volume 85, Part 1, 10 March 2017, Pages 280-292
Guillaume Clayte, Thomas Coudret, Johanne Salvan ... Florence Leclercq

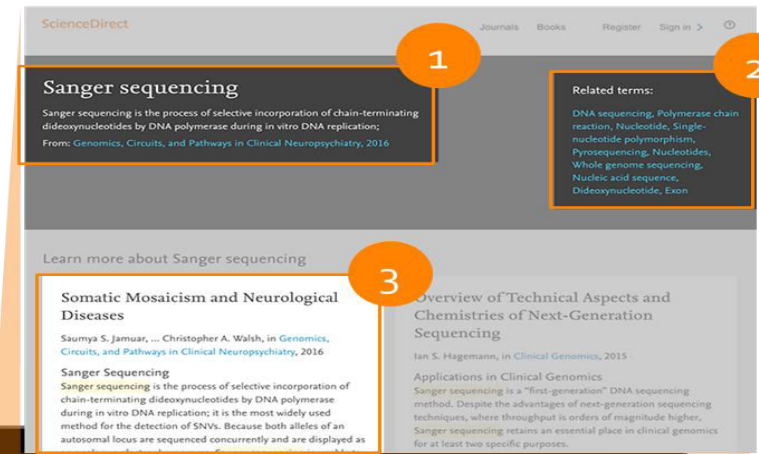
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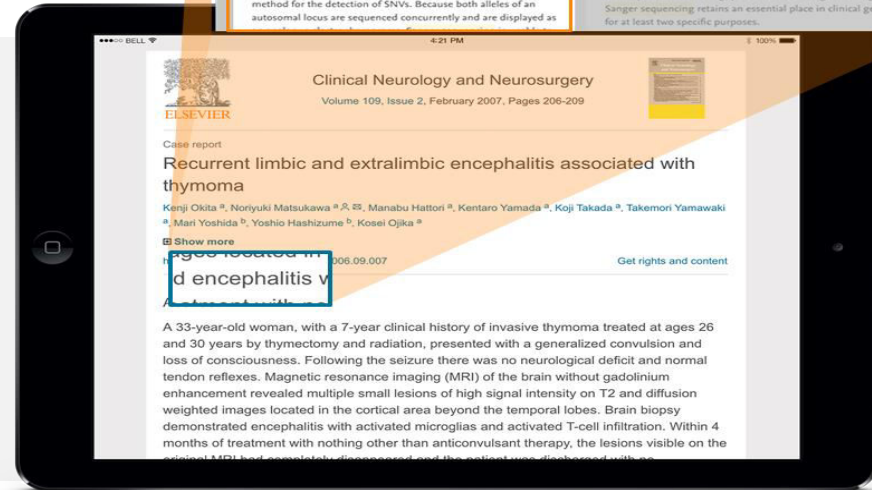
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2

Uncover critical and contextual information within your workflow via **Science Direct Topics** → easy tool to learn definitions of new terminology



- 1 Short definition*
- 2 Related terms
- 3 Excerpts from relevant Book content



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3

3D images, supplementary views, audioslides, interactive plots, virtual microscope views are available in Science Direct



Interactive plots... Google Maps... 3D models... Virtual Microscope...

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4

Efficiency in research via exporting the data to Reference Management Systems as Mendeley, Refworks, Endnote

The screenshot shows the ScienceDirect search results page. The search bar at the top contains the text "Search all fields" and "Author name". The search results are displayed in a list format. The "Export" menu is open, showing options for "Direct export" (Save to Mendeley, Save to RefWorks) and "Export file" (RIS for EndNote, Reference Manager, ProCite, BibTeX, Text). The "Content" section is also visible, with options for "Citations only" and "Citations and abstracts". The "Export" button is highlighted in red.

ScienceDirect

Journals Books Ozge Sertdemir ?

Search all fields Author name Journal or book title Volume Issue Page

Search results: 7,067,130 results found for science

Save search alert RSS

Refine filters

Year

- 2019 (152)
- 2018 (187,393)
- 2017 (362,804)
- 2016 (332,068)
- 2015 (325,918)

View more >>

Publication title

- The Lancet (75,633)
- International Journal of Rock Mechanics and Min... (51,980)
- Tetrahedron Letters (47,797)
- Biochemical and Biophysical Research Communicat... (44,814)
- Brain Research (41,388)

View more >>

Topic

- patient (134,892)
- cell (111,129)

Download PDFs

Export

All citation information will be exported. Help

Direct export

- Save to Mendeley
- Save to RefWorks

Export file

- RIS (for EndNote, Reference Manager, ProCite)
- BibTeX
- Text

Content

- Citations only
- Citations and abstracts

Export

Relevance All access types

Related books

- Engineering Science 1994 W. Bolton
- Groundwater Science 2012 Fits
- Meat Science 1985 R. A. Lawrie

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5

Efficiency in searching in Google Scholar

The screenshot shows a Google search bar with the text "nebulized spray pyrolysis technique" and a search button. Below the search bar, the Google Scholar interface is visible, showing "About 4,860 results (0.09 sec)". The results are categorized into "Articles", "Case law", and "My library". Two articles are listed:

- Articles**
 - [\[HTML\] Versatility of chemical spray pyrolysis technique](#)
PS Patil - Materials Chemistry and physics, 1999 - Elsevier
... 1.2.1. Ultrasonic **nebulized** atomization. ... Generally the precursor solutions are vapourized with an ultrasonic **nebulizer** (ultrasonic power of mist generator is about 100 W) which are ... The **spray pyrolysis** of TBT and DBTDA led to the deposition of the (1 1 0) and (2 0 0) oriented ...
Cited by 546 Related articles All 2 versions Cite Save
- Any time**
 - [\[HTML\] Preparation and characterization of MgO thin films by a simple nebulized spray pyrolysis technique](#)
X Fu, G Wu, S Song, Z Song, X Duo, C Lin - Applied surface science, 1999 - Elsevier
A simple **nebulized spray pyrolysis** method has been applied to prepare MgO thin films with (200) preferential orientation on (100) Si substrates by using magnesium acetate as starting reactants. The experimental results revealed that the substrates temperature and the ...
Cited by 25 Related articles All 4 versions Cite Save

[\[HTML\] sciencedirect.com](#)[\[HTML\] sciencedirect.com](#)

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6

Enhanced article impacts via Plum Metrics

The screenshot shows the article page for "Coordination chemistry of ditopic carbanionic N-heterocyclic carbenes" in *Coordination Chemistry Reviews*. The Plum Metrics section is highlighted with a red rounded rectangle and contains the following data:

Article Metrics	Value
Citations	52
Citation Indexes	52
Captures	27
Readers	27
Social Media	2
Tweets	2

Article Metrics

Citations

Citation Indexes: 52

Captures

Readers: 27

Social Media

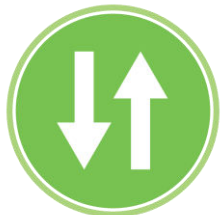
Tweets: 2



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Plum Metrics

By embedding the alt metrics, Scopus now visualizes scholarly engagement!
It includes 5 categories of metrics:



USAGE

(clicks, downloads, views, library holdings, video plays)



CAPTURES

(bookmarks, code forks, favorites, readers, watchers)



MENTIONS

(blog posts, comments, reviews, Wikipedia links)



SOCIAL MEDIA

(+1s, likes, shares, tweets)



CITATIONS

(citation indexes, patent citations, clinical citations)

Plum tracks activity from **>50 platforms**, and we continue to invest more:



PLUMX

Usage

Clicks: **814**
Abstract Views: **960**
HTML Views: **192**
Link-outs: **131**

Captures

Exports-Saves: **72**
Readers: **86**

Mentions

Blog Mentions: **3**
Comments: **8**
Links: **1**

Social Media

Shares: **23**
Likes: **12**
+1s: **9**
Score: **4**
Tweets: **114**

Citations

Clinical Citations: **4**
Citations: **298**

[see details](#)



LIVE DEMO!



Some Tips for Researchers

- **Evaluate your research area** by Scopus- Journals, Authors, citations, publications by year
- **Evaluate which journal is right for your article**
 - Use Metrics (CiteScore, IF, SNIP, SJR)
 - Use Scopus Compare Sources tool
 - Use Elsevier Journal finder
(<https://journalfinder.elsevier.com/>)

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Fields of research

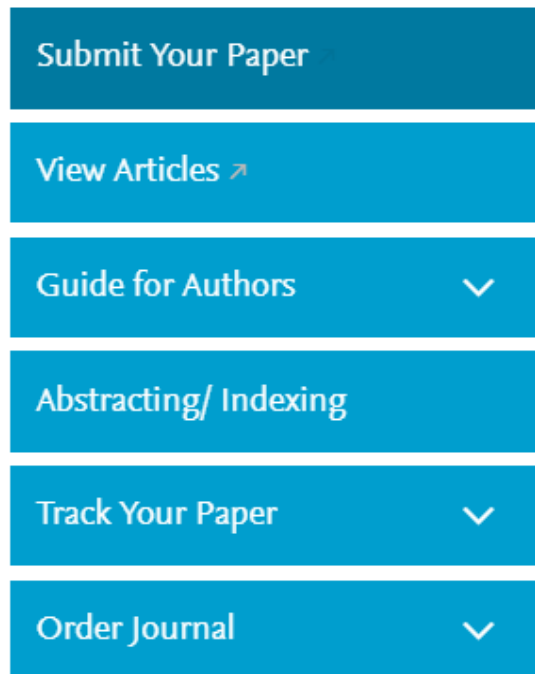
Optional: refine your search by selecting up to three research fields

- | | | |
|--|--|--|
| <input type="checkbox"/> Agriculture ↗ | <input type="checkbox"/> Economics ↗ | <input type="checkbox"/> Materials Science and Engineering ↗ |
| <input type="checkbox"/> GeoSciences ↗ | <input type="checkbox"/> Humanities and Arts ↗ | <input type="checkbox"/> Life and Health Sciences ↗ |
| <input type="checkbox"/> Mathematics ↗ | <input type="checkbox"/> Physics ↗ | <input type="checkbox"/> Social Sciences ↗ |
| <input type="checkbox"/> Chemistry ↗ | | |



Some Tips for Researchers

- Find out more about journals
 - Who are the editors?
 - Check Guide for Authors →
- Find it on the journal home page of the publisher, e.g. Elsevier.com



Home > Journals > Appetite

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New guidelines for research data

Authors submitting their research article to this journal are encouraged to deposit research data in a relevant data repository and cite and link to this dataset in their

Journal Metrics >

CiteScore: 3.71 ⓘ
More about CiteScore >

Impact Factor: 3.403 ⓘ

5-Year Impact Factor: 3.843 ⓘ

Source Normalized Impact per Paper (SNIP): 1.384 ⓘ

SCImago Journal Rank (SJR): 1.619 ⓘ

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Some Tips for Researchers

- **Writing of an article is a hard work** – finding and sorting research, preparing references, sourcing feedback..
- **Get Help from Mendeley!**
 - Generate citations and bibliography
 - Connect with colleagues, securely share papers, notes and annotations
 - Benefit from social network to identify potential collaborations
- Keep in mind the superiorities of Science Direct & Scopus over Google Scholar:
 - More reliable, scientific base
 - Peer-reviewed
 - More reliable h-index – you can exclude self citations
 - Use Science Direct Topics
 - Use related documents, personalized recommendations



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RESEARCH
PREPARATION



WRITING
FOR RESEARCH



PUBLICATION
PROCESS



NAVIGATING
PEER REVIEW



COMMUNICATING
YOUR RESEARCH



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