



Introduction to ScienceDirect for Research

ScienceDirect

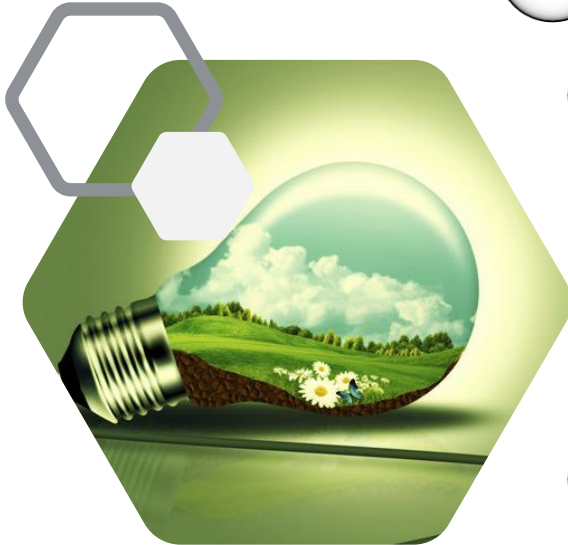
10th April, 2023
Dr Yootapong Klinthongchai
Customer Consultant,
Elsevier South East Asia
y.klinthongchai@elsevier.com



Announcement

1. Ask questions using Q&A feature.
2. Questions will be answered after presentation.
3. You will be asked to fill the evaluation at the end of the training.
4. Teaching materials will be sent to you after the training.

Outline



- 1 Why do we need research ???
- 2 Introducing to Elsevier
- 3 Thailand Research and Resources
- 4 Introducing to ScienceDirect
- 5 Other Elsevier's tools and e-Learning
- 6 Q&A



Why do we need research ??

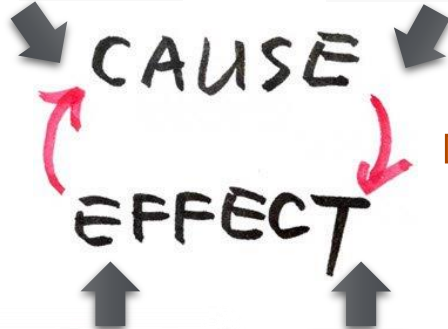
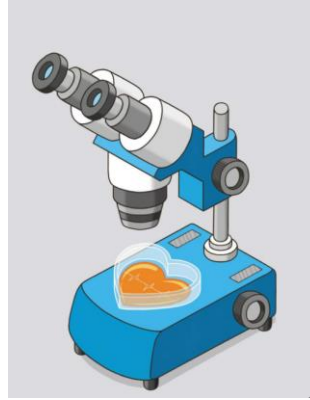
Why do we need research ??



Medical



Education



Research is needed to solve either problem or effect from humanity or nature.



better outcomes



Niels Bohr Physics



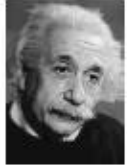
Louis Pasteur (Chemistry)



Alexander Fleming Medicine



Albert Einstein Physics



Society



Solar energy



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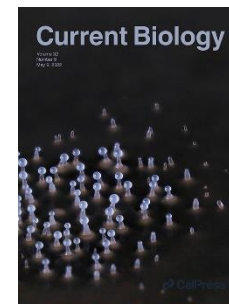
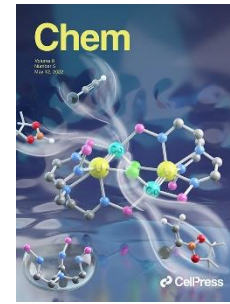
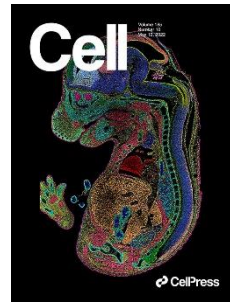
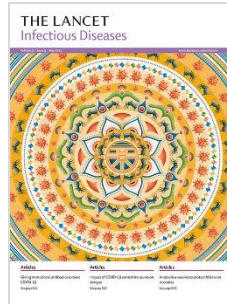
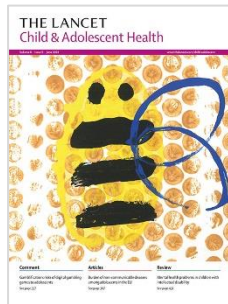
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RESEARCH MGMT /PROMOTION TOOLS

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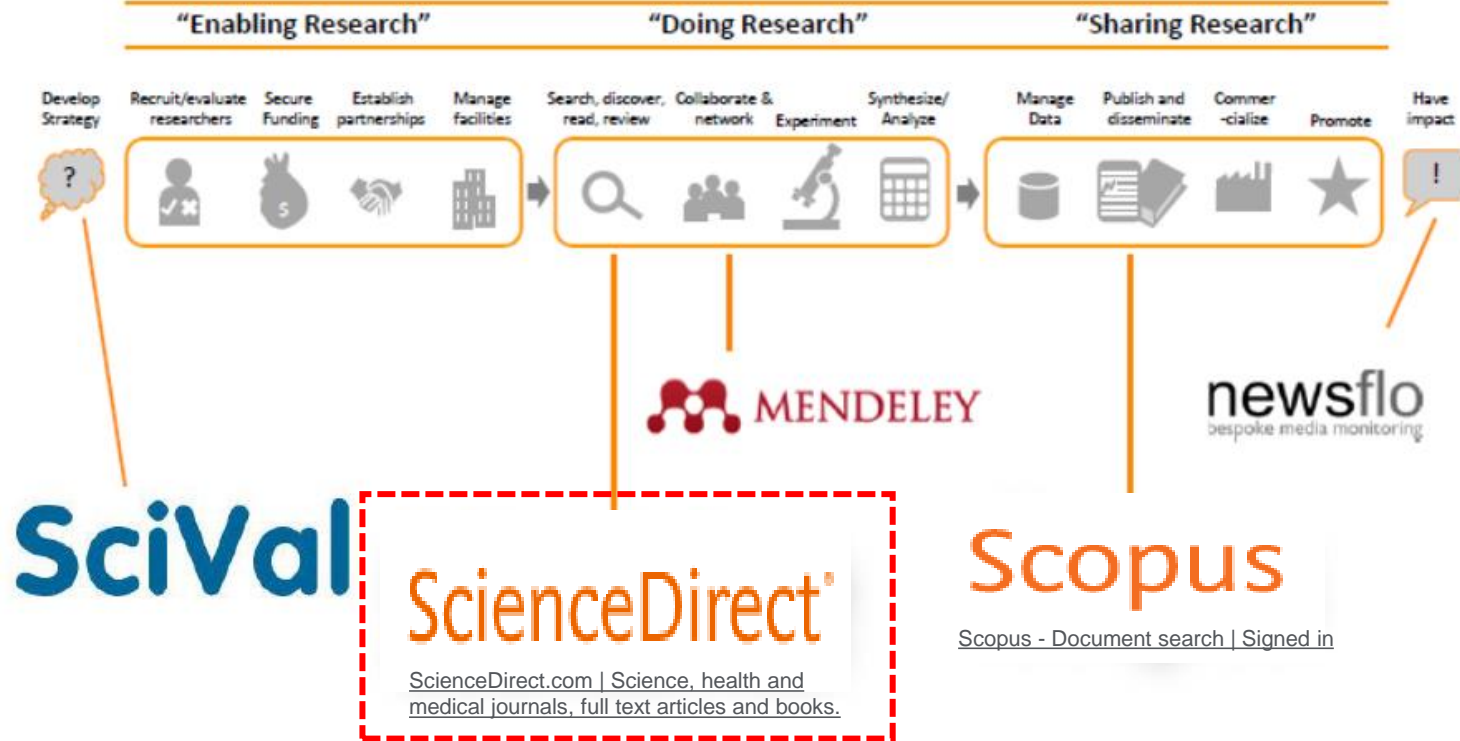
SciVal Experts

SciVal Strata

SciVal Funding

How can Elsevier support to the research???

Elsevier can support and provide the researcher across the research workflow





Thailand Research and Resources

Thailand Public University's Profile: Research Overview 2018-2024



Summary metrics

150,126 ▲

Scholarly Output ⓘ

48.2% All Open Access

[View list of publications](#)

117,127 ▲

Authors

1.01

Field-Weighted Citation Impact ⓘ

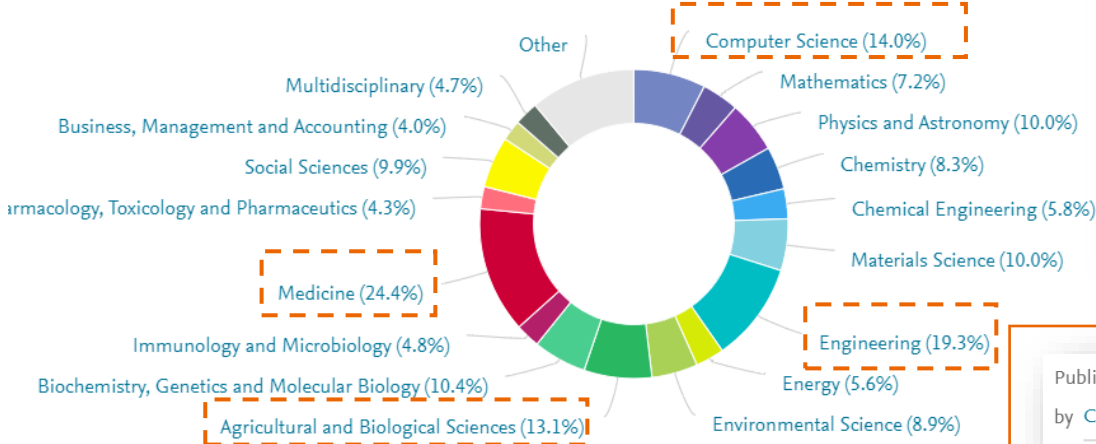
[Yearly breakdown](#)

1,214,562

Citation Count ⓘ

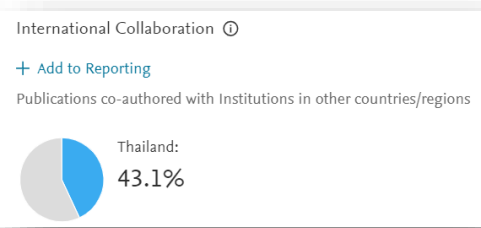
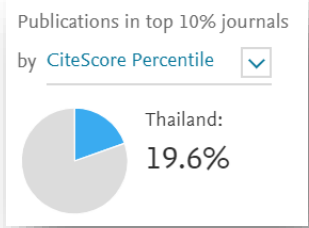
8.1

Citations per Publication ⓘ

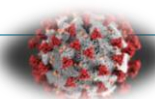
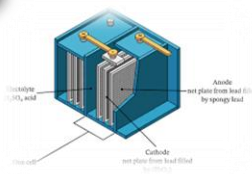



Topic Cluster	Scholarly Output
COVID-19; SARS-CoV-2; Coronavirus TC.1500	2,133
Algorithms; Computer Vision; Models TC.0	1,745
Photocatalysis; Photocatalysts; Solar Cells TC.8	1,717
Industry; Research; Marketing TC.36	1,506
Polypropylenes; Lactic Acid; Blending TC.69	1,222

Quality and Collaborations



World Trends: Research Overview (2019-2022)

Topic Cluster		Scholarly Output	Field-Weighted Citation Impact
COVID-19; SARS-CoV-2; Coronavirus TC.1500		254,506	2.56
Secondary Batteries; Electric Batteries; Lithium Alloys TC.30		215,347	1.86
Algorithms; Computer Vision; Models TC.0		437,498	1.58
Photocatalysis; Photocatalysts; Solar Cells TC.8		184,619	1.62
Graphene; Carbon Nanotubes; Nanotubes TC.22		165,897	1.47

Countries/Regions	Scholarly Output ↓	Authors	Citations
1. China	5,413,644 ▲	6,095,545 ▲	57,567,572
2. United States	4,618,772 ▲	3,272,481 ▲	56,835,277
3. India	1,522,959 ▲	1,261,420 ▲	10,967,901
4. United Kingdom	1,492,764 ▲	810,598 ▲	20,295,113
5. Germany	1,258,708 ▲	772,883 ▲	15,299,903
6. Italy	924,802 ▲	493,670 ▲	11,089,620
7. Japan	887,959 ▲	747,347 ▲	7,856,982
8. France	800,455 ▲	506,335 ▲	9,861,660
9. Canada	795,559 ▲	453,495 ▲	10,536,094
10. Australia	753,558 ▲	348,480 ▲	11,328,145
40. Thailand	150,126 ▲	117,127 ▲	1,214,562



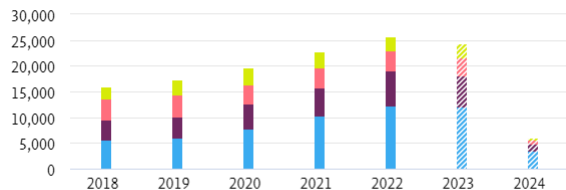
Publications of Thailand:

Share of publications per Journal Quartiles by CiteScore from 2018 -2024

Journal quartiles



Share of publications per Journal quartile by CiteScore Percentile



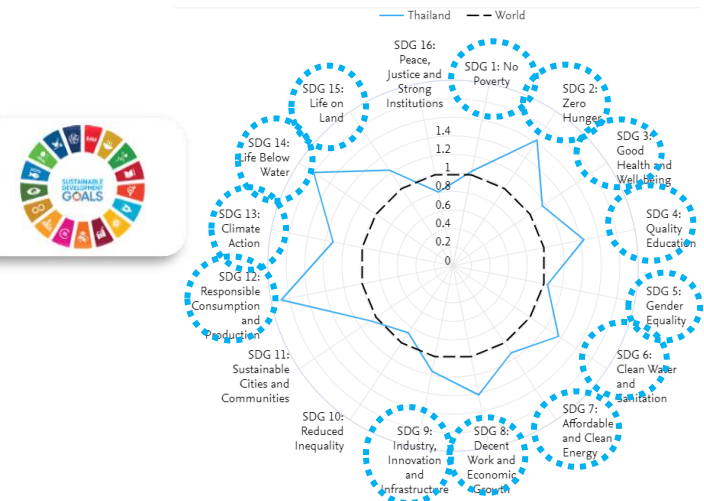
⚠ Incomplete year

Quartiles	Publications <input type="button" value="?"/>	Publication share (%)
Q1 (top 25%)	57,563	43.7
Q2 (26% - 50%)	32,792	24.9
Q3 (51% - 75%)	23,814	18.1
Q4 (76% - 100%)	17,697	13.4

Cumulative shares	Publications	Publication share (%)
Q1 to Q2 (top 50%)	90,355	68.5
Q1 to Q3 (top 75%)	114,169	86.6

Key Findings

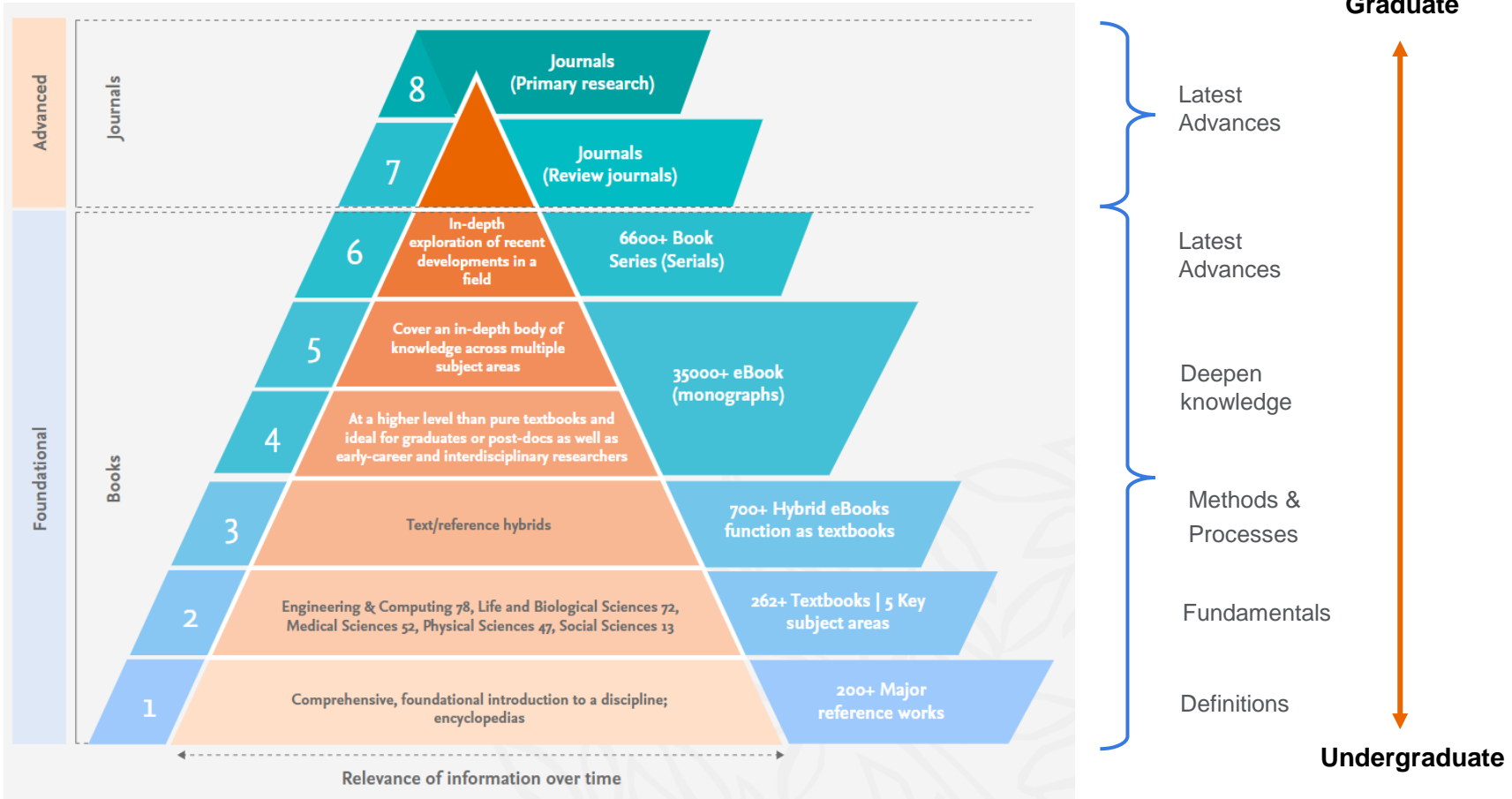
- Q1 publication output from Thailand was consistently high and had the largest proportion of share.
- From 2018 - 2024, MHESI produced **57,563 publications in Q1 journal** (by CiteScore), accounting for an average of 43.7 % share during this period.



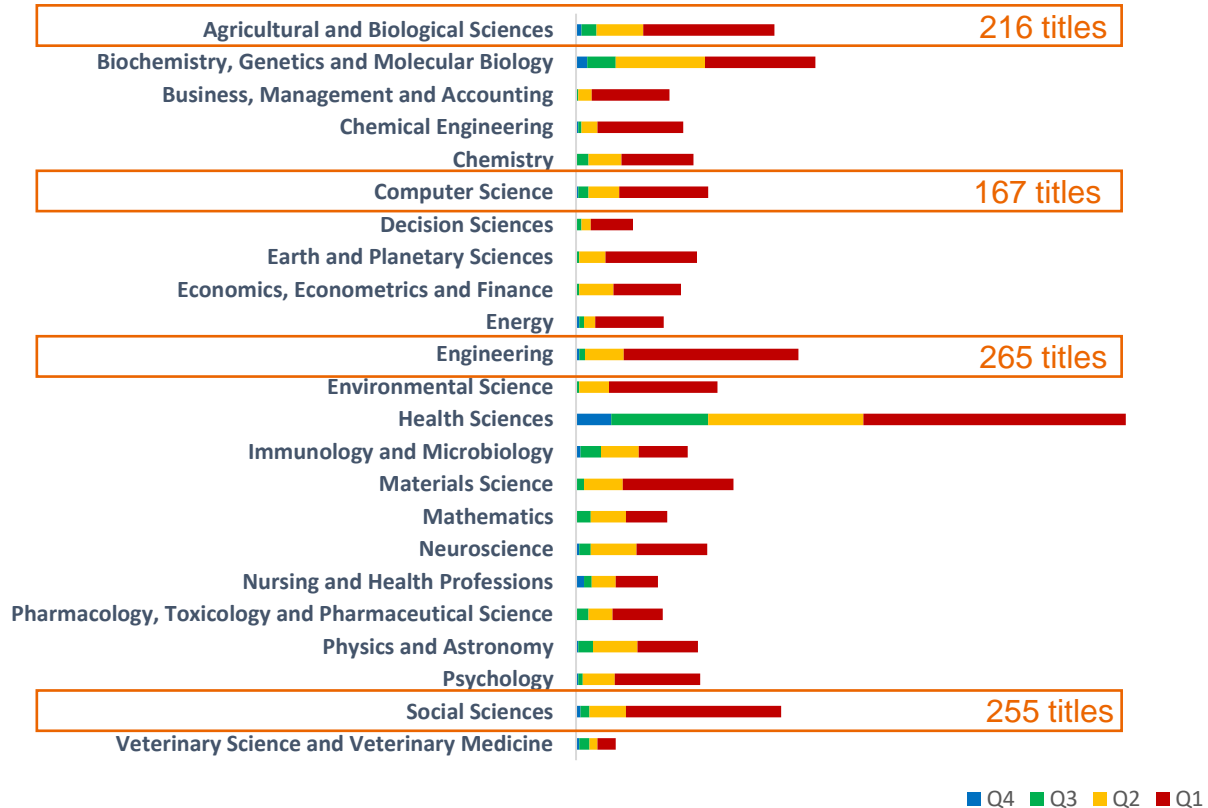
Key Findings

- Thailand well exhibits SDGs performance for 13 from 16 of SDGs, which are higher than average of the world.

Resource for Thailand : ScienceDirect



MHESI's Elsevier **Journal** Subscription Supports 4 Key Research Areas (2010 to Present)



What is BCGs?

Bio-Circular-Green Economy (BCG)



BCG is an integration of bioeconomy, circular economy and green economy

Bio-Circular-Green Economy (BCG) model was introduced by the **Thai Government** as a strategy to create sustainability and inclusiveness to Thailand's economy, society and the environment. The model places emphasis on applying science, technology and innovation to turn Thailand's comparative advantage in biological and cultural diversity into competitive advantage, focusing on four strategic sectors, namely as...

1) Agriculture and food



Agricultural and Biological Science: 216 titles

2) Wellness and medicine



3) Energy, materials and biochemicals



Engineering: 265 titles

4) Tourism and creative economy



Social Science: 255 titles

Research Workflow



When we are a students

Year 1

I got it! My precious PhD!

Year 3

 HIGH
IMPACT
PHD
MEMES

We forgot the taste of bread, the sound
of trees, the softness of wind...



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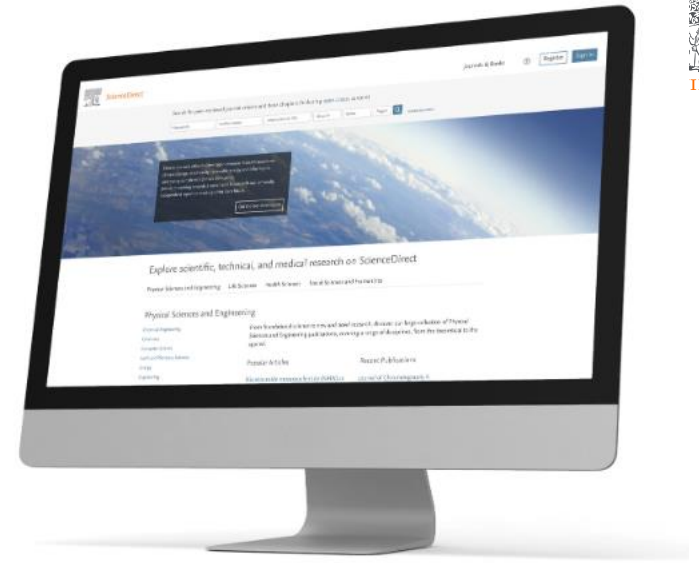
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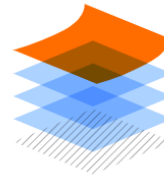
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375k topic pages



>600 open access publications

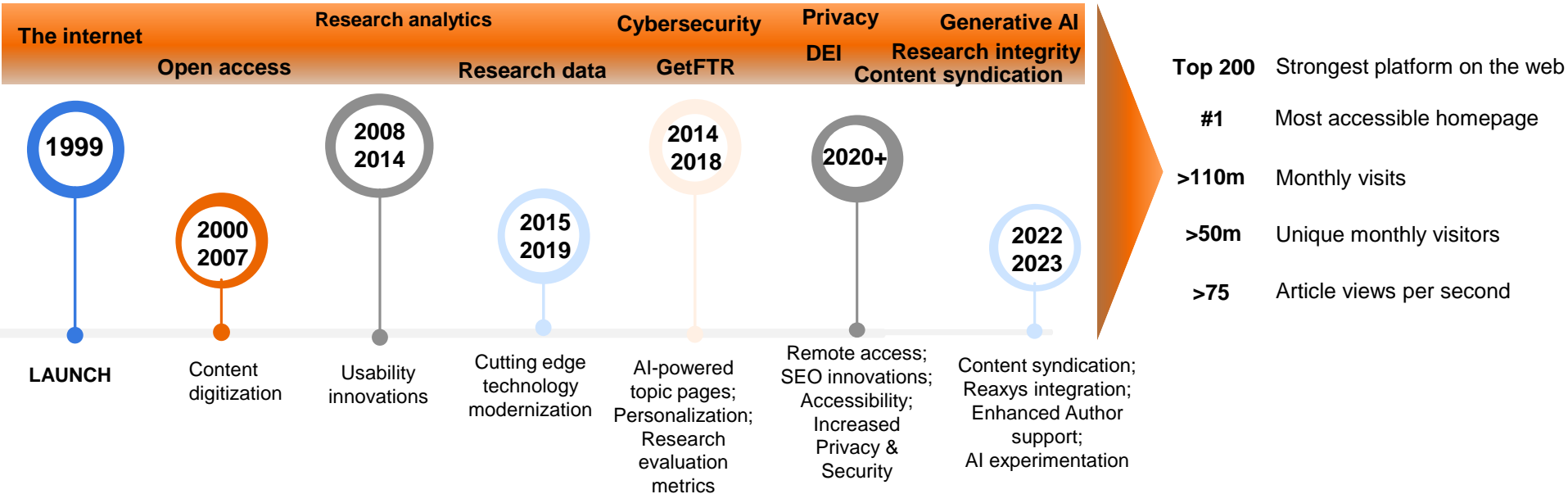


>3.3M open access articles

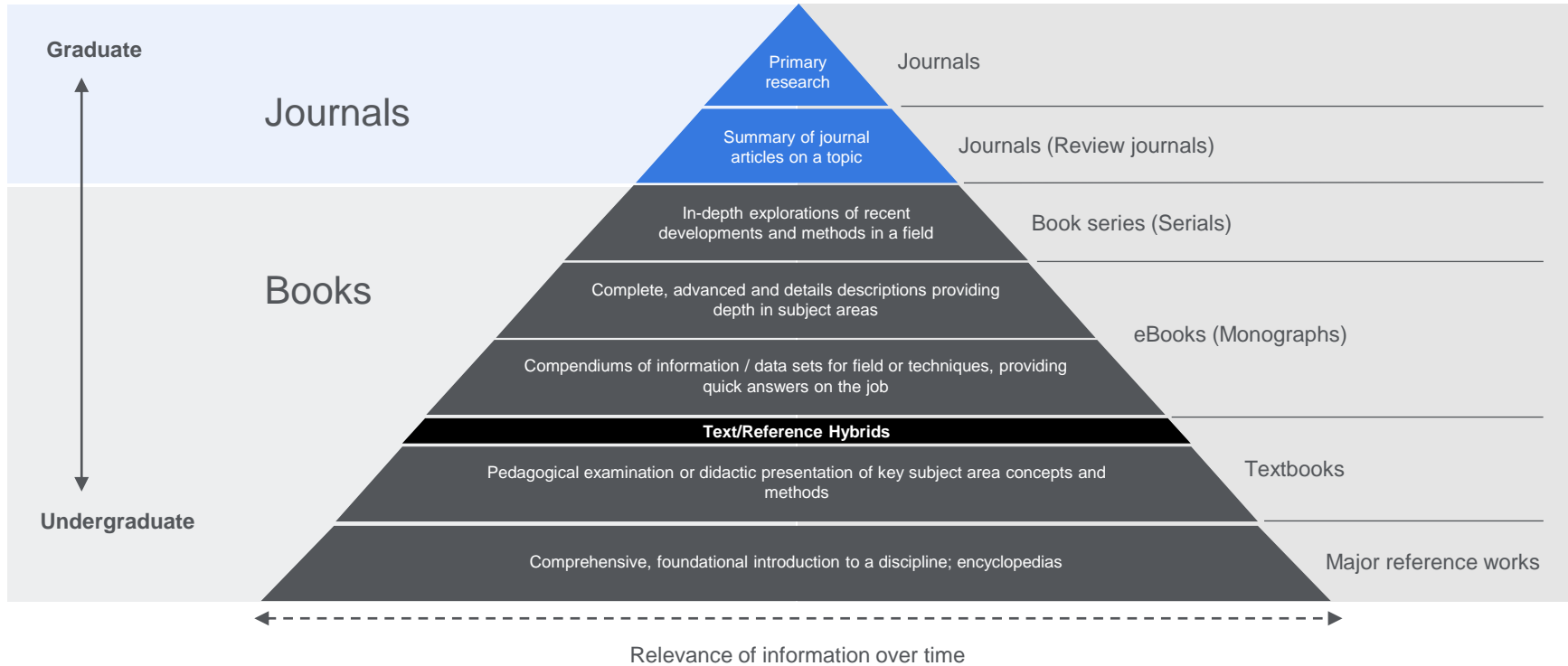
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- Critical synthesis of a specific research topic
- Typically 10+ pages, 5+ figures, 80 references
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What are on ScienceDirect

Types of content : OA vs Non-OA

*OA= Open Access and *Non-OA= Subscription

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Open access publishing

- Author (or institution/funding agency) pays an article publication fee
- Article is made freely available to all online

Agricultural Engineering Immunology Social Sciences



CiteScore 3.8



CiteScore 1.6



CiteScore 4

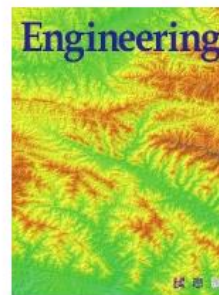


CiteScore 0.7

Agricultural Engineering Chemistry Energy



CiteScore 5.1



CiteScore 8.2



CiteScore 5.9



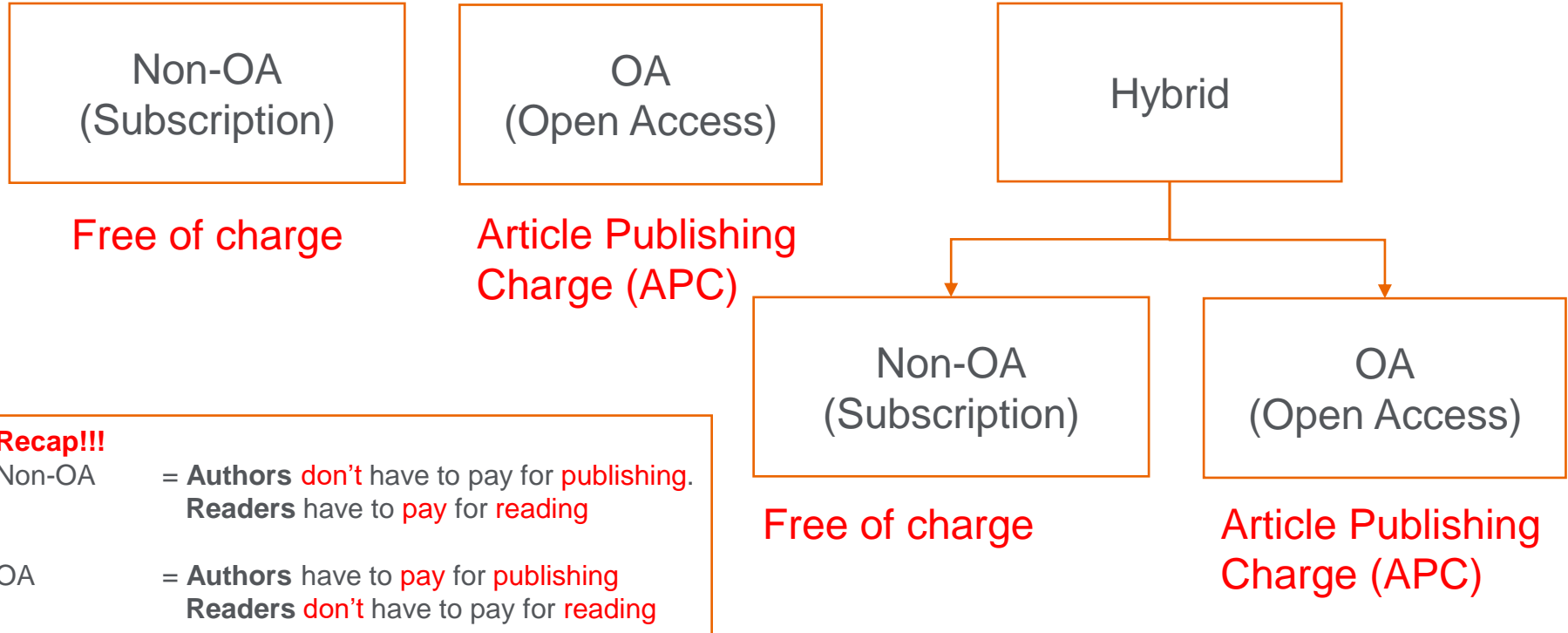
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What are on ScienceDirect? Recap!!!



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- Electronic transfer of viral genomes among bacteria based on CT scan images in COVID-19 case study
- Clinical features and outcomes of COVID-19 patients with concomitant respiratory infection in Oman: A systematic review
- Recent advances in production and applications of exosomes: a compatible review of industrial relevance
- Influence of falling behavior of infected patients and the associated respiratory risk in a ventilated negative pressure ward
- The roles of using COVID-19 test genome information for clinical and public health decision making: A survey of US health professionals

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- Outline
- Abstract
- Graphical abstract
- Keywords
- Introduction
- Comparative analysis of emergence and spread...
- Primary reservoirs and hosts of coronaviruses
- Key features and entry mechanism of human cor...
- Genomic variations in SARS-CoV-2
- The major obstacle in research progress
- Potential therapeutic strategies against COVID-19
- Vaccines for SARS-CoV-2
- Conclusion and perspective
- Acknowledgments
- Author contribution
- Declaration of Competing Interest
- References
- Vitae
- Cited by (2483)
- Figures (6)
- Tables (1)

Journal of Advanced Research
Volume 24, July 2020, Pages 91-98

COVID-19 infection: Emergence, transmission, and characteristics of human coronaviruses

Muhammad Adnan Shereen¹, Suliman Khan^{2,1}, Abeer Kazmi³, Nadia Bashir³, Rabeeza Siddique⁴

https://doi.org/10.1016/j.javr.2020.03.005

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Abstract

The coronavirus disease 19 (COVID-19) is a highly transmittable and pathogenic viral infection caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), which caused global pandemic that led to a dramatic loss of human life worldwide. Genomic analysis revealed that SARS-CoV-2 is phylogenetically related to severe acute respiratory syndrome-like (SARS-like) bat viruses, therefore bats could be the possible primary reservoir. The intermediate source of origin and transfer to humans is not known, however, the rapid human to human transfer has been confirmed widely. There is no clinically approved antiviral drug or vaccine available to be used against COVID-19. However, few broad-spectrum antiviral series have been evaluated against COVID-19 in clinical trials, resulted in clinical recovery. In the present review, we summarize and comparatively analyze the emergence and pathogenesis of COVID-19 infection and previous human coronaviruses including severe acute respiratory syndrome (SARS-CoV) and middle east respiratory syndrome (MERS-CoV). We discuss the approaches for developing effective vaccine and treatment with this viral outbreak.

Graphical abstract

Recommended articles

- TBtools-II: A "one for all, all for one" bioinformatic platform for biological big data analysis
- The gut microbiota promotes the pathogenesis of schizophrenia via multiple mechanisms
- Bidirectional interaction of lncRNA AFAP1-AS1 and CRISPR-Cas9

Article Metrics

Citations	2290
Citation Indexes	6
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References	
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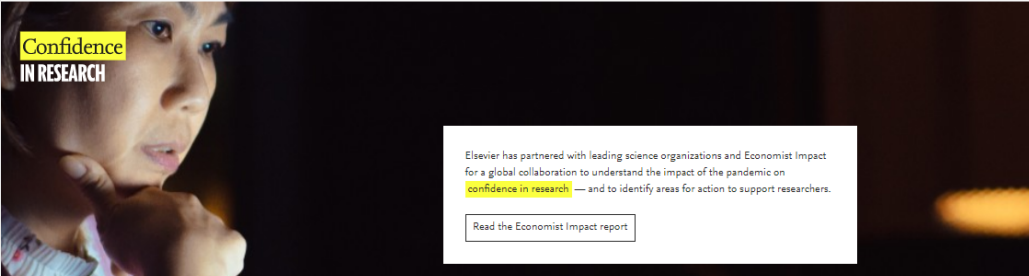
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Journal of Advanced Research, Volume 37

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Arabian Journal of Chemistry, Volume 12, Issue 7

Extended SARS-CoV-2 RBD booster

Recent Publications

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Volume 162

Journal of the European Ceramic Society
Volume 43, Issue 9

Chemical Engineering Science
Volume 272

4 major groups

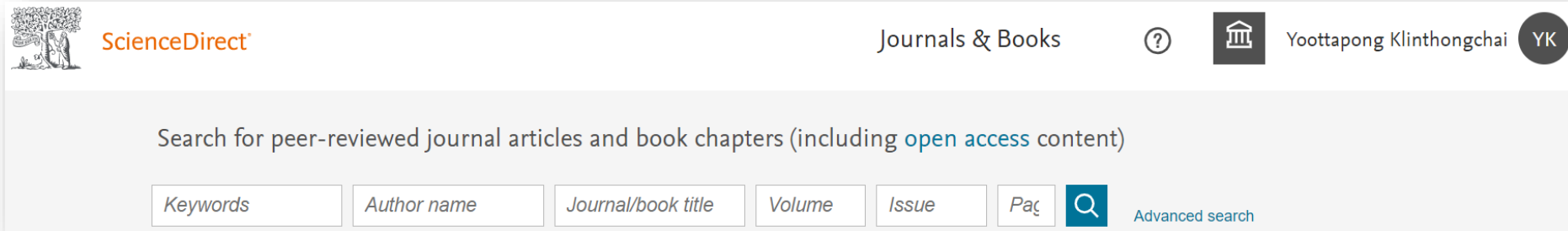
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The ScienceDirect search functionality offers a multitude of search fields, filters and alerts to focus your search and improve your workflow. First, choose the search technique you prefer.

If you want a broad search that you can filter afterwards, head to the search bar for a quick search:



The screenshot shows the ScienceDirect search interface. On the left is the ScienceDirect logo. To its right are navigation links for "Journals & Books", a help icon (question mark), a user profile icon (classical building), and the user name "Yootapong Klinthongchai" with a circular profile picture containing the initials "YK". Below this is a search bar with the text "Search for peer-reviewed journal articles and book chapters (including open access content)". The search bar contains several input fields: "Keywords", "Author name", "Journal/book title", "Volume", "Issue", and "Paç". To the right of these fields is a magnifying glass icon and the text "Advanced search".

Enter keywords, an author name, or the title of a journal or book to get started.

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You might want to begin with a narrow search instead, so click on [Advanced Search](#) where you'll see how easy it is to get specific with the new open-design form:

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Advanced Search

[Search tips](#) ⓘ

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Author(s)	Author affiliation
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Volume(s)	Issue(s)	Page(s)
<input type="text"/>	<input type="text"/>	<input type="text"/>

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1 Input the keyword

Find articles with these terms

bullying prevention

Advanced search

Article detail

- Title
- Journal
- Authors

8,703 results

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sorted by relevance | date

Abstract

2

Use the filter to focus more on specific area

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- 2023 (40)
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- 2021 (784)

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- Encyclopedia (271)
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- Journal of Adolescent Health (363)
- Child Abuse & Neglect (356)

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1 **Implementation and evaluation of the Youth Police Academy school bullying prevention program in South Korea**
International Journal of Educational Research, 26 September 2021, ...
You-Kyung Han, Aeri Song, Su Jung Um

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Research article • Full text access

2 **The cost-effectiveness of a school-based intervention for bullying prevention: An Australian case study**
Mental Health & Prevention, 26 October 2021, ...
Long Khanh-Dao Le, Lidia Engel, ... Cathrine Mihalopoulos

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3 **A meta-analysis of the outcomes of bullying prevention programs on subtypes of traditional bullying victimization: Verbal, relational, and physical**
Aggression and Violent Behavior, 30 July 2020, ...
Reeve S. Kennedy

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4 **Gender differences in outcomes of bullying prevention programs: A meta-analysis**
Children and Youth Services Review, 24 September 2020, ...
Reeve S. Kennedy

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Conference abstract • Full text access

5 **20.3 School-Community Collaborative Approaches to Bullying Prevention and Intervention**
Journal of the American Academy of Child & Adolescent Psychiatry, 12 October 2022, ...
Colleen Ciochetti

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Research article • Open access

6 **Development and experimental validation of a dataset of 360°-videos for facilitating school-based bullying prevention programs**
Computers & Education, 28 October 2020, ...
Miguel Barreda-Ángeles, María Serra-Blasco, ... Narcís Cardoner

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This study demonstrates the effectiveness of the Youth Police Academy bullying prevention program using a sample of 1649 students. Applying a semi-experimental research design, pre-test and post-test surveys were administered to an experimental group (N = 1,627) and a control group (N = 622). The results of the study reveal that the community-based anti-bullying program targeting bystanders had a positive impact in four areas: bystander indicators, empathy towards victims, anti-bullying attitudes, and coping responses to observations of bullying. Regarding the gender effect, the results show that the YPA program was more effective for female participants in decreasing reinforcer behaviors. We then explored the implications of the results and proposed suggestions for policy-makers and program developers committed to bullying prevention.

Extracts: Related keyword input

... This study demonstrates the effectiveness of the Youth Police Academy **bullying prevention** program using ... and coping responses to observations of **bullying prevention** ...

Figures



Specific Section

Outline

Highlights

Abstract

Keywords

1. Introduction

2. Methods

3. Results

4. Discussion

5. Conclusions

Funding

Acknowledgements

References

Show full outline

Figures (2)



Tables (9)

- Table 1
- Table 2
- Table 3
- Table 4
- Table 5
- Table 6

Show all tables

Journal

 International Journal of Educational Research
Volume 110, 2021, 101881



Implementation and evaluation of the Youth Police Academy school bullying prevention program in South Korea

You-Kyung Han ^a, Aeri Song ^b, Su Jung Um ^{b,*}

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Highlights

- Participation in a role-playing activity builds empathy for victims.
- The Youth Police Academy (YPA) program promotes anti-bullying attitudes.
- The YPA program cultivates effective strategies to cope with witnessing bullying.
- The YPA program was more effective in lowering reinforcer behaviors in females.

Abstract

Abstract

This study demonstrates the effectiveness of the Youth Police Academy bullying prevention program using a sample of 1649 students. Applying a semi-experimental research design, pre-test and post-test surveys were administered to an experimental group (N = 1,027) and a control group (N = 622). The results of the study reveal that the community-based anti-bullying program targeting bystanders had a positive impact in four areas: bystander indicators, empathy towards victims, anti-bullying attitudes, and coping responses to observations of bullying. Regarding

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Article Metrics

Captures

Readers: 11

PLUMX View details

Article Metrics

- PlumX
- Citations
- FWC

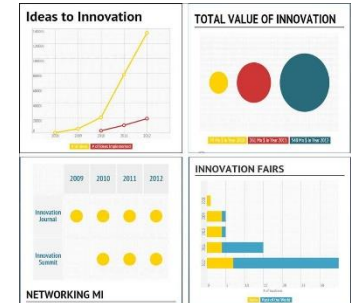
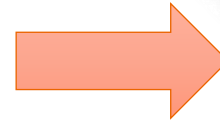
How can we know whether good or bad research?

What criteria should I use to decide to read for each articles?

Which researches should I read for this subject area?

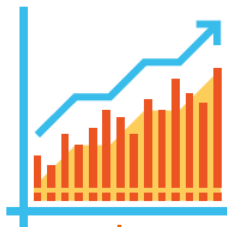


Does target content in article answer my decision?



Metrics are one of the condition which may help you to make the decision for reading the target research.

Research metrics can be used to...



Analyze the strengths of research at the institution



Determine where research is a good potential investment



Demonstrate Return on Investment of research money



Identify rising stars amongst the early career researchers



Tell a better narrative about everything that is happening with research

Check quality of articles

Article-level metrics in ScienceDirect



Article-level metrics (ALMs) quantify the reach and impact of published research.

ALMs seek to incorporate data from new sources (such as social media mentions) along with traditional measures (such as citations) to present a richer picture of how an individual article is being discussed, shared, and used.

PLUMX

PlumXMetrics are comprehensive, item-level metrics that provide insights into the ways people interact with **individual pieces** of research output:

- Visualizes scholarly engagement
- Includes 5 categories of metrics
- Designed to communicate engagement without a score



PLUMX

Metrics
Categories



USAGE

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



CAPTURES

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



MENTIONS

(blog posts, comments, reviews, Wikipedia links)



SOCIAL MEDIA

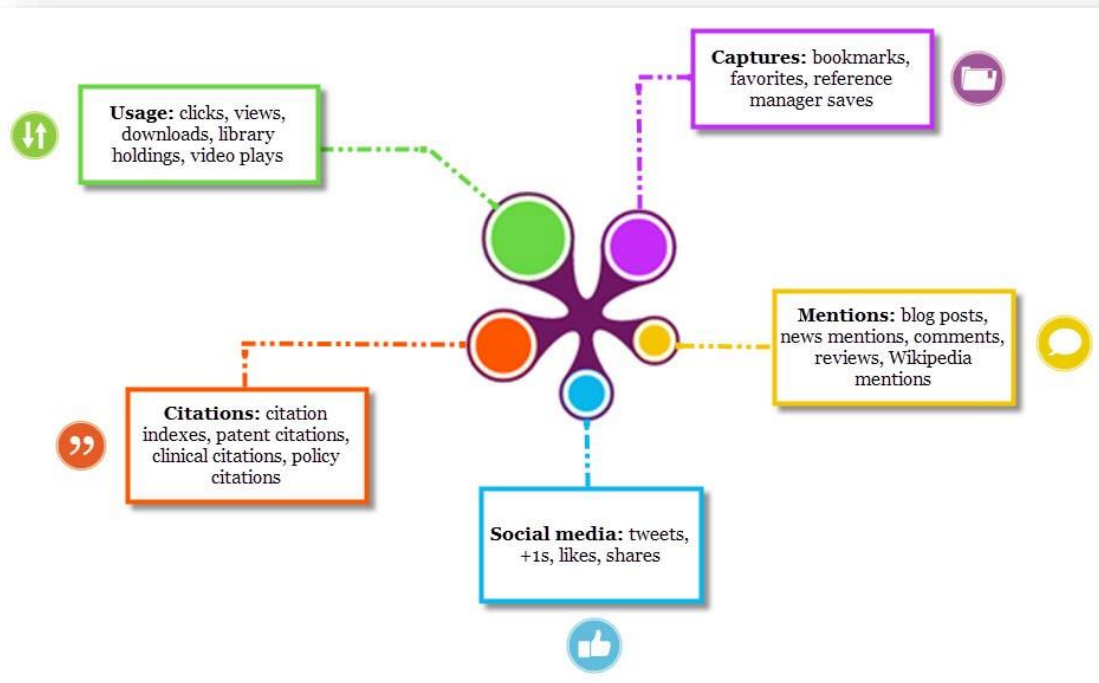
(+1s, likes, shares, tweets)



CITATIONS

(citation indexes, patent citations, clinical citations)

PlumX Print Examples



An example of a Plum Print for an article that has metrics balanced in all categories.



An example of a Plum Print with a lot of Citations and Captures, a small amount of Usage, and no Mentions or Social Media.



An example of a Plum Print with an outsized amount of Social Media.

More detail and source from PlumX



Benchmark metrics of this article with others from the same journal by percentile

PlumX print



Absence of Mortality Differences Between the First and Second COVID-19 Waves in Kidney Transplant Recipients

Citation Data: Kidney International Reports, ISSN: 2468-0249, Vol: 7, Issue: 12, Page: 2617-2629
Publication Year: 2022

Metrics Details	
CITATIONS	60
Citation Indexes	60
PubMed Central >	60
CAPTURES	20
Readers	20
Mendeley >	20
SOCIAL MEDIA	10
Tweets	10
Twitter	10

Research metrics in detail

Metric Options: Counts 1 Year 3 Year

60 Citations | 20 Captures | 10 Social Media

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- Highlights
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Most Recent Tweet

Olivier_Thaunat @Olivier_Thaunat · Follow

Another great collaboration with the @SFT_Francophone COVID Registry! Special thanks @CaillardSophie and Marc Hazzan!

International Society of Nephrology (ISN) @ISNkidneycare

Absence of mortality differences between the 1st and 2nd covid waves in kidney transplant recipients. 2022 from @KIRReports.

kireports.org/article/S2468-...

Absence of Mortality Differences Between the 1st and 2nd COVID Waves in Kidney Transplant Recipients

METHODS AND COHORT

- Data from French solid organ transplant COVID registry.
- 557 KTRs hospitalized for COVID-19 in 2020.
- 555 KTRs during 1st pandemic wave compared to 595 KTRs of 2nd wave.
- Similar baseline comorbidity among the two groups.

RESULTS

- Hydroxychloroquine and azithromycin were used 1st wave but abandoned during 2nd wave. (p<0.001)
- Use of high dose corticosteroids doubled in 2nd wave. (p<0.001)
- Maintenance immunosuppression reduced during both waves.
- Withdrawal of antimetabolite or CNJ was less frequent during 2nd wave. (p<0.001)
- 60 day mortality during 1st and 2nd wave not statistically different. (25.3% vs 23.8%)
- Hospitalization period was not associated with death due to COVID in multivariate analysis. (HR 0.88, 95% CI 0.67-1.17)

KIR REPORTS Open Peer Review on this article

Conclusions: Changing of therapeutic trends during 2022 did not reduce COVID-19 related mortality in kidney transplant recipients (KTRs). Our data underlines the importance of appropriate and maximal antiviral and SARS-CoV-2 antibodies to protect KTRs from severe COVID-19.

9:53 PM · Sep 21, 2022

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Article Description

SARS-CoV-2 pandemic evolved in 2 consecutive waves during 2020. Improvements in the management of COVID-19 led to a reduction in mortality rates among hospitalized patients during the second wave. Whether this progress benefited kidney transplant recipients (KTRs), a population particularly vulnerable to severe COVID-19, remained unclear. In France, 957 KTRs were hospitalized for COVID-19 in 2020 and their data were prospectively collected into the French Solid Organ Transplant (SOT) COVID registry. The presentation, management, and outcomes of the 359 KTRs diagnosed during the first wave were compared to those of the 598 of the second wave. Baseline comorbidities were similar between KTRs of the 2 waves. Maintenance immunosuppression was reduced in most patients but withdrawal of antimetabolite (73.7% vs. 58.4%, P < 0.001) or calcineurin inhibitor (32.1% vs. 16.6%, P < 0.001) was less frequent during the second wave. Hydroxychloroquine and azithromycin that were commonly used during the first wave (21.7% vs. 10.2%, P < 0.001) respectively but were almost abandoned during the second wave. In contrast, the use of high-dose corticosteroids was

Article Abstract

Bibliographic Details

DOI: 10.1016/j.ekir.2022.09.007 >

PMID: 36159445 >

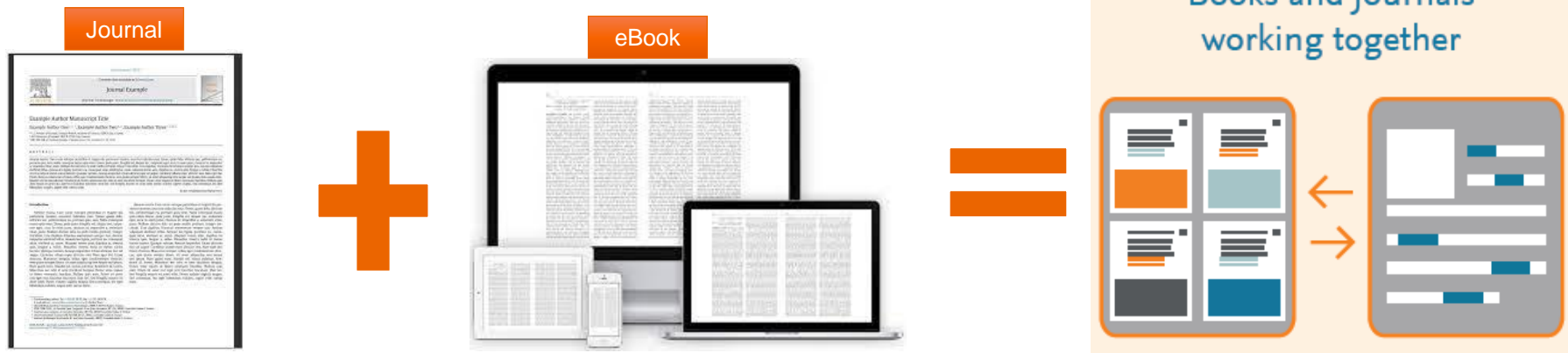
URL ID: <https://www.sciencedirect.com/science/article/pii/S2468024922017685> >; <https://dx.doi.org/10.1016/j.ekir.2022.09.007> >; <https://www.scopus.com/inward/record.uri?partnerId=HzOxMe3b&scps=85140789240&origin=inward> >; <https://www.ncbi.nlm.nih.gov/pubmed/36159445> >; <https://linkinghub.elsevier.com/retrieve/pii/S2468024922017685> >; [https://www.kireports.org/article/S2468-0249\(22\)01768-5/fulltext](https://www.kireports.org/article/S2468-0249(22)01768-5/fulltext) >; <https://www.kireports.org/article/S2468024922017685/abstract> >; <https://www.kireports.org/article/S2468024922017685/fulltext> >; <https://www.kireports.org/article/S2468024922017685/pdf> >; [https://www.kireports.org/article/S2468-0249\(22\)01768-5/abstract](https://www.kireports.org/article/S2468-0249(22)01768-5/abstract) >

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Have ideas for a new metric? Would you like to see something else here? Let us know >

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Researchers at every stage of their scientific careers encounter unknown terms and concepts and require background, contextual knowledge to progress. But finding one's path through a literature search can be overwhelming.



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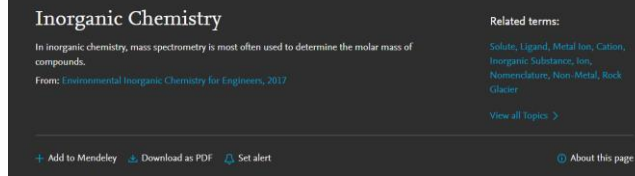
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When working in ScienceDirect, simply hover over a highlighted word in the article you're reading. Via hyperlink, you can immediately go to a page with authoritative and foundational content for that term.

system processes as we have done over the past century. Understanding the relationship between molecular structure and function is a core outcome for learning and applying chemistry in curriculum mapping frameworks such as the ACS Anchoring Concepts Content Maps for general and **inorganic chemistry** [33].



Inorganic Chemistry

In inorganic chemistry, mass spectrometry is most often used to determine the molar mass of compounds.

From: *Environmental Inorganic Chemistry for Engineers*, 2017

Related terms:

- Soluble, Ligand, Metal Ion, Cation, Inorganic Substance, Ion, Nomenclature, Non-Metal, Rock, Glacier

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Inorganic Chemistry

DR, James G. Speight, in *Environmental Inorganic Chemistry for Engineers*, 2017

2.1 Introduction

If organic chemistry is defined as the chemistry of hydrocarbon compounds and their derivatives, **inorganic chemistry** can be described very generally as the chemistry of noncarbon compounds or as the chemistry of everything else. This includes all the remaining elements in the periodic table (Figs. 2.1 and 2.2) and some compounds of carbon (such as carbon monoxide (CO) and carbon dioxide (CO₂)).

Groundwater Chemistry

Charles R. Fitts, in *Groundwater Science* (Second Edition), 2013

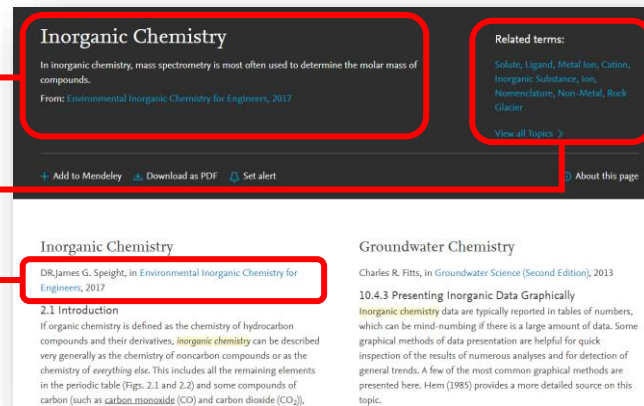
10.4.3 Presenting Inorganic Data Graphically

Inorganic chemistry data are typically reported in tables of numbers, which can be mind-numbing if there is a large amount of data. Some graphical methods of data presentation are helpful for quick inspection of the results of numerous analyses and for detection of general trends. A few of the most common graphical methods are presented here. Hem (1985) provides a more detailed source on this topic.

ScienceDirect topics expand your knowledge with foundational content

You'll see

- A short definition
- Related terms
- Excerpts from relevant book content



The screenshot shows a ScienceDirect topic page for 'Inorganic Chemistry'. A red box highlights the title and a short definition: 'In inorganic chemistry, mass spectrometry is most often used to determine the molar mass of compounds. From: *Environmental Inorganic Chemistry for Engineers*, 2017'. Another red box highlights the 'Related terms' section, which includes 'Soluble, Ligand, Metal Ion, Cation, Inorganic Substance, Ion, Nomenclature, Non-Metal, Rock Glacier' and a 'View all topics >' link. A third red box highlights the 'Add to Mendeley', 'Download as PDF', and 'Set alert' options. A fourth red box highlights the 'About this page' link. Red lines connect these elements to the corresponding items in the list on the left. Below the main topic, there are two related topics: 'Inorganic Chemistry' by Dr. James G. Speight and 'Groundwater Chemistry' by Charles R. Fitts. The 'Inorganic Chemistry' entry includes a sub-section '2.1 Introduction' with a short excerpt.

You have the option to dig deeper by clicking to read an entire chapter.

If you're using Google or another search engine to get more information about a term, just enter the term and ScienceDirect, and it comes up. With enhanced taxonomy across all 20 Topic domains, Topic pages are available for many disciplines including:

- Neuroscience
- Biomedical Sciences
- Life Sciences
- Chemistry
- Chemical Engineering
- Computer Science
- Engineering
- Mathematics
- Physics and Astronomy
- Economics, Econometrics and Finance
- Food Science
- Materials Science and Materials Engineering
- Earth and Environmental Sciences
- Psychology
- Social Sciences

Find quick and authoritative keyword search results within the platform

Conclusions

Columnar neurons from the second optic neuropil are likely the main plastic locus responsible for the modifications in animal behavior when confronted with rapidly repeated object motion. Our results demonstrate that visually guided behaviors can be determined by neural plasticity that occurs surprisingly early in the [visual pathway](#).

[Previous article in issue](#)

[Next article in issue](#)

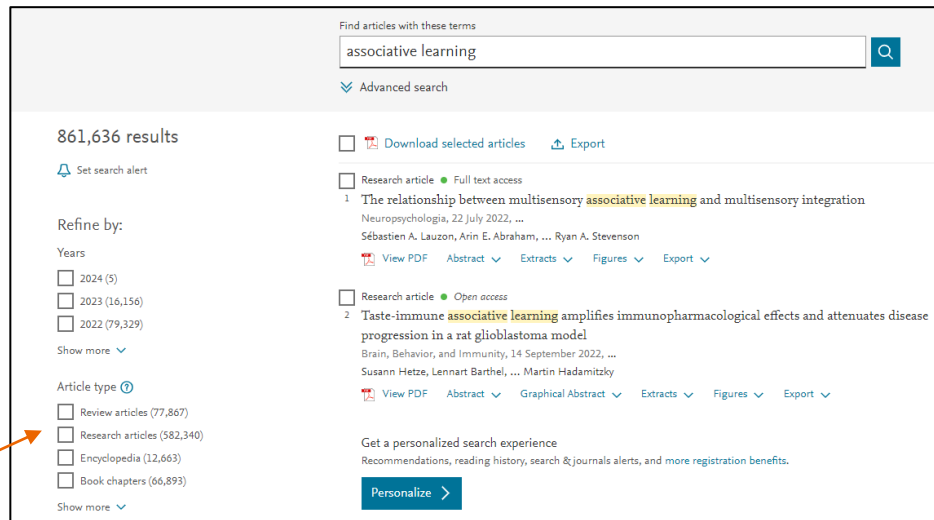
Introduction

Motion vision provides essential cues for a wide variety of animal behaviors. It originated to fulfill two essentially distinct behavioral tasks. One task, which is based on the analysis of panoramic [optic flow](#), is to inform the animal about its own movements. The other task, which is based on the processing of focal motion cues, is to allow the animal to know about the movement of prey, predators, and conspecifics. Because animal navigation imply sustained analysis of the optic flow, the visual processing involved in this task shows little change upon repeated or continuous stimulation. In contrast, behavioral and neuronal responses to repeated object motion often show fast and profound decline. Such decline, in the form of either habituation [1] or more-complex [associative learning](#) processes [2], represents constitutive mechanisms of an animal's [adaptability](#) [3].

The arthropod neural systems that have been investigated extensively and that are used to investigate object or target visual search in the [fruit fly](#) that contains figure detection (FD) cells in the [blowfly](#) [4]; the system that contains small target

Search

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Find articles with these terms

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Years

- 2024 (5)
- 2023 (16,156)
- 2022 (79,329)

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Article type

- Review articles (77,867)
- Research articles (582,340)
- Encyclopedia (12,663)
- Book chapters (66,893)

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- The relationship between multisensory [associative learning](#) and multisensory integration
Neuropsychologia, 22 July 2022, ...
Sébastien A. Lauzon, Arin E. Abraham, ... Ryan A. Stevenson
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- Taste-immune [associative learning](#) amplifies immunopharmacological effects and attenuates disease progression in a rat glioblastoma model
Brain, Behavior, and Immunity, 14 September 2022, ...
Susann Hetze, Lennart Barthel, ... Martin Hadamitzky
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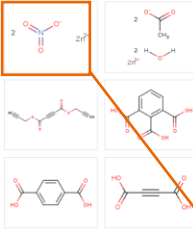
Tetrahedron
Go to Tetrahedron on ScienceDirect | 14 36, 1 September 2008, Pages 8553-8557

Room temperature synthesis of metal-organic frameworks: MOF-5, MOF-74, MOF-177, MOF-199, and IRMOF-0

David J. Tranchemontagne, Joseph R. Hunt, Omar M. Yaghi

Abstract
Room temperature synthesis of metal-organic frameworks (MOFs) has been developed for four well-known MOFs: MOF-5, MOF-74, MOF-177, and MOF-199. A new isorectular metal framework (IRMOF), IRMOF-0, having the same cubic topology as MOF-5, has been synthesized from acetylenedicarboxylic acid using this method to accommodate the thermal sensitivity of the linker. Despite acetylenedicarboxylate being the shortest straight linker that can be made into an IRMOF, IRMOF-0 forms a doubly interpenetrating structure, owing to the rod-like nature of the linker.

Substances (7)
Generated by Reaxys, an expert-curated chemistry database.



Part of special issue
2007 Tetrahedron Prize for Creativity in Organic Chemistry, Synthetic NanoSystems and NanoMachinery, Professor Sir Fraser Stoddart

FEEDBACK

Reaxys substance information

zinc(II) nitrate

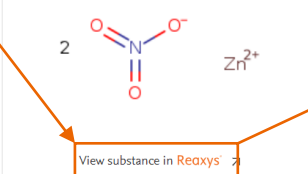
Other chemical names
zinc nitrate
Zn(NO₃)₂
zinc dinitrate

Molecular formula
N₂O₆Zn

Molecular weight
189.4

CAS Registry Number
10196-18-6

Suppliers Druglikeness Reactions



View substance in Reaxys

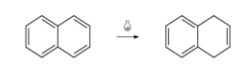
Available in Reaxys

Reaxys

Quick search Query builder Results Retrosynthesis History

1,913 Reactions out of 2,577 Documents, containing 3,627 Substances, 900 Targets

selected



Filters

- Limit to
- Exclude
- By Structure
- Yield
- Reagent/Catalyst
- Solvent
- Catalyst Classes
- Solvent Classes
- Product Availability
- Reactant Availability
- Reaction Classes
- Document Type
- Publication Year

Single step reactions only
Experimental procedure only

Conditions	Yield
With sodium in diethyl ether tert-butyl alcohol Inert atmosphere Reflux	97%
With sodium; tert-butyl alcohol in tetrahydrofuran at 20°C	96.5%
With ethanol; sodium in benzene Inert atmosphere Reflux	96%

Show all hits



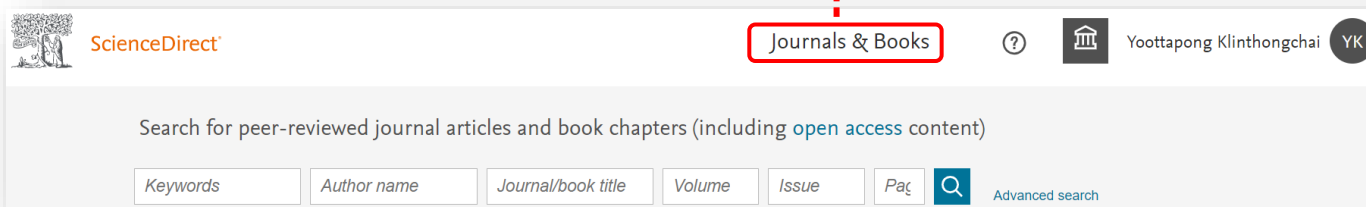
Uncover valuable insights

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Introducing to Sciencedirect

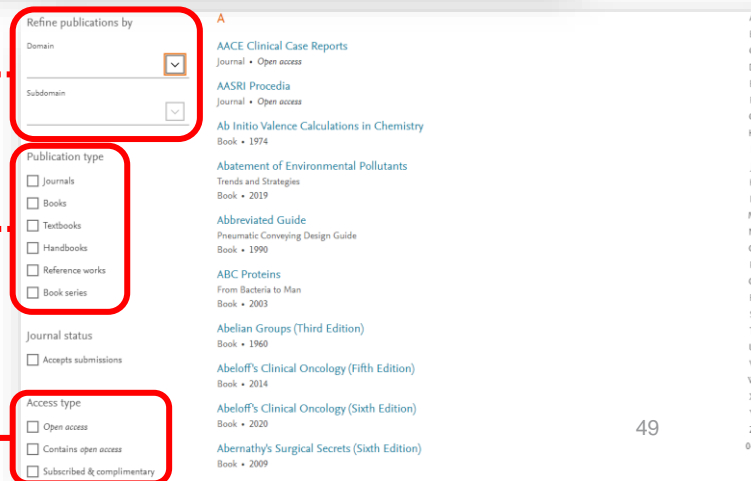
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Refine publications by

Domain

Subdomain

Publication type

Journals

Books

Textbooks

Handbooks

Reference works

Book series

Journal status

Accepts submissions

Access type

Open access

Contains open access

Subscribed & complimentary

A

AAACE Clinical Case Reports
Journal • Open access

AASRI Procedia
Journal • Open access

Ab Initio Valence Calculations in Chemistry
Book • 1974

Abatement of Environmental Pollutants
Trends and Strategies
Book • 2019

Abbreviated Guide
Pneumatic Conveying Design Guide
Book • 1990

ABC Proteins
From Bacteria to Man
Book • 2003

Abelian Groups (Third Edition)
Book • 1960

Abeloff's Clinical Oncology (Fifth Edition)
Book • 2014

Abeloff's Clinical Oncology (Sixth Edition)
Book • 2020

Abernathy's Surgical Secrets (Sixth Edition)
Book • 2009

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Find the information and insights you need on improved Journal Home Pages



The screenshot shows the top navigation bar of the Chemosphere journal website. It includes the journal title 'Chemosphere', a search bar, and two buttons: 'Submit your article' and 'Guide for authors', both highlighted with red boxes. The journal's CiteScore (13.3) and Impact Factor (8.8) are also displayed.

Submit and Guide for Authors

This section provides a brief description of the journal: 'Chemosphere is an international journal designed for the publication of original communications as well as review articles on chemicals in the environment. Chemosphere, as a multidisciplinary journal, offers maximum dissemination of investigations related to all aspects of the identification...'. A link for 'View full aims & scope' is provided.

This section lists key metrics for authors: 'Article publishing charge for open access' (\$3720), 'Time to first decision' (6 days), 'Submission to acceptance' (84 days), and 'Acceptance to publication' (4 days). A 'View all insights' button is highlighted with a red box.

This section introduces the editorial board. It features three members: Jacob de Boer, Prof. dr. (VU Amsterdam), Tamara Galloway (University of Exeter), and Yeamin Yoon, PhD (University of South Carolina). Each member's name, title, and affiliation are listed.

This section displays a list of recent articles. It includes filters for 'Latest published', 'Articles in press', 'Top cited', 'Most downloaded', and 'Most popular'. Three articles are shown with their titles, authors, and publication dates, each with a 'View PDF' link.

Journal Insights

This sidebar provides detailed information about the journal. It includes sections for 'Aims & scope', 'ISSN', 'Subject areas', 'Impact' (with CiteScore and Impact Factor), 'Article publishing charge', 'Publishing timeline', and 'Abstracting and indexing' (listing various databases like PubMed, Scopus, and others).



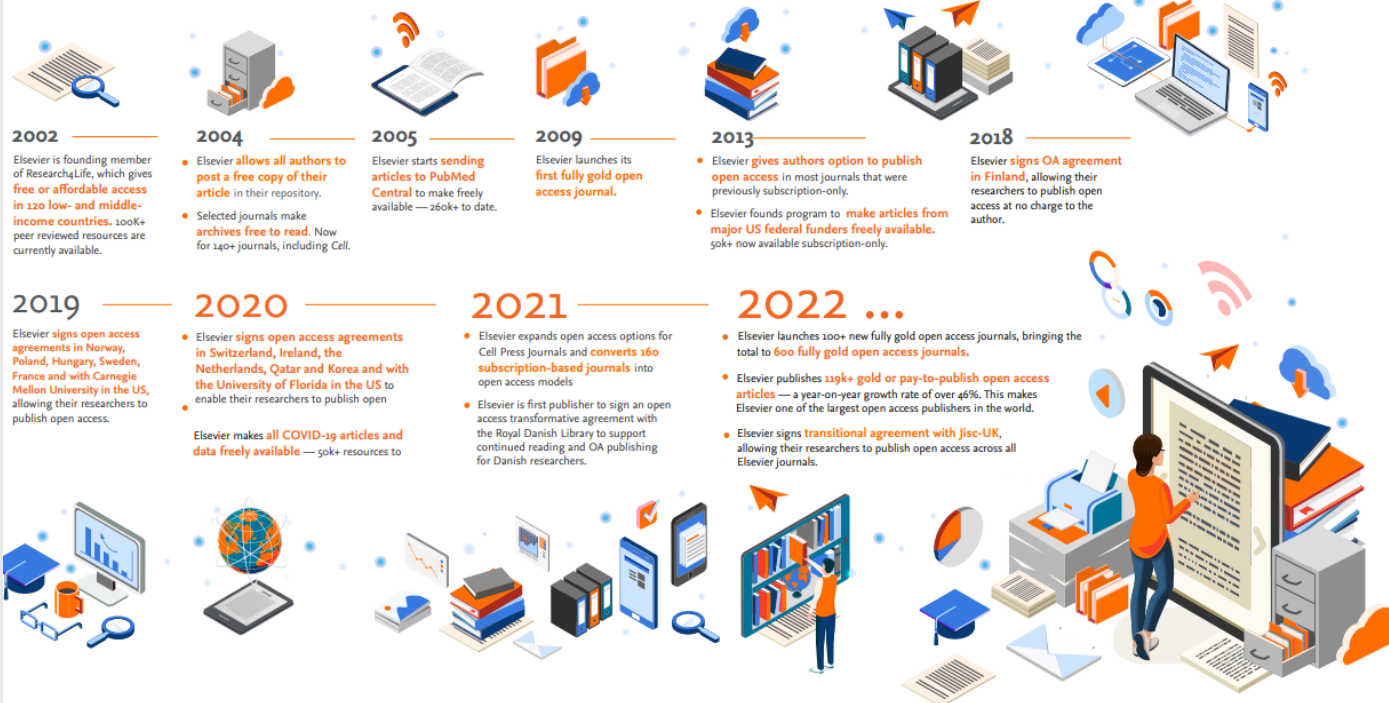
Improving Author Experience

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Open Access Article

If I need more article to read with additional subject collection without MHESI subscription

Advancing Open Access at Elsevier



2002

Elsevier is founding member of ResearchLife, which gives free or affordable access in 120 low- and middle-income countries. 100k+ peer reviewed resources are currently available.

2004

- Elsevier allows all authors to post a free copy of their article in their repository.
- Selected journals make archives free to read. Now for 140+ journals, including Cell.

2005

Elsevier starts sending articles to PubMed Central to make freely available — 260k+ to date.

2009

Elsevier launches its first fully gold open access journal.

2013

- Elsevier gives authors option to publish open access in most journals that were previously subscription-only.
- Elsevier founds program to make articles from major US federal funders freely available. 50k+ now available subscription-only.

2018

Elsevier signs OA agreement in Finland, allowing their researchers to publish open access at no charge to the author.

2019

Elsevier signs open access agreements in Norway, Poland, Hungary, Sweden, France and with Carnegie Mellon University in the US, allowing their researchers to publish open access.

2020

- Elsevier signs open access agreements in Switzerland, Ireland, the Netherlands, Qatar and Korea and with the University of Florida in the US to enable their researchers to publish open
- Elsevier makes all COVID-19 articles and data freely available — 50k+ resources to

2021

- Elsevier expands open access options for Cell Press journals and converts 160 subscription-based journals into open access models
- Elsevier is first publisher to sign an open access transformative agreement with the Royal Danish Library to support continued reading and OA publishing for Danish researchers.

2022 ...

- Elsevier launches 100+ new fully gold open access journals, bringing the total to 600 fully gold open access journals.
- Elsevier publishes 15k+ gold or pay-to-publish open access articles — a year-on-year growth rate of over 46%. This makes Elsevier one of the largest open access publishers in the world.
- Elsevier signs transitional agreement with Jisc-UK, allowing their researchers to publish open access across all Elsevier journals.

Elsevier is growing in Open Access Article which can help and support students or researchers

Search library

Which Journals are on ScienceDirect ?

1. Search for journals and books

The screenshot shows the ScienceDirect website interface. At the top, there is a navigation bar with the ScienceDirect logo, a search bar, and links for 'Journals & Books', 'Register', and 'Sign in'. Below the navigation bar, there is a search bar with the text 'Search for peer-reviewed journals, articles, book chapters and open access content.' and a search button. The main content area is titled 'Browse 4,306 journals and 30,732 books'. On the left side, there are filters for 'Refine publications by' (Domain, Subdomain), 'Publication type' (Journals, Books, Handbooks, Reference works, Book series), 'Journal status' (Accepts submissions), and 'Access type' (Subscribed & complimentary, Open access, Contains open access). On the right side, there is a search bar for 'Filter by journal or book title' and a list of search results. The first result is 'AASRI Procedia', which is highlighted as a 'Journal • Open access'. Other results include 'Ab Initio Valence Calculations in Chemistry', 'Abatement of Environmental Pollutants', 'Abbreviated Guide', 'ABC Proteins', and 'Abelian Groups (Third Edition)'. A vertical list of letters (A through S) is on the far right. At the bottom right, there is a 'Help improve this page' button and the ScienceDirect logo.

ScienceDirect

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Journal status

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Open access

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Filter for OA options

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[Abatement of Environmental Pollutants](#)

Trends and Strategies

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Pneumatic Conveying Design Guide

Book • 1990

[ABC Proteins](#)

From Bacteria to Man

Book • 2003

[Abelian Groups \(Third Edition\)](#)

Book • 1960

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Search library

Look for something specifically?
ScienceDirect can help you.

2. Search for articles

The screenshot displays the ScienceDirect search interface. At the top, there is a search bar with the text "Search for peer-reviewed journals, articles, book chapters and open access content." Below the search bar, there are input fields for "Keywords", "Author name", "Journal/book title", "Volume", "Issue", and "Pages", along with a search button and an "Advanced search" link. An orange box highlights the search bar area, with an arrow pointing to the search results section.

The search results section shows "Find articles with these terms" followed by the search term "innovative behavior" and a search button. Below this, there is a "Advanced search" link. The results are sorted by "relevance | date" and show 25,799 results. There are options to "Download selected articles" and "Export".

The results list includes:

- Research article** ● Open access
Work process-related lead usersness as an antecedent of **innovative behavior** and user innovation in organizations
Research Policy, Volume 49, Issue 6, July 2020, Article 103986
Chia-huei Wu, Jeroen P. J. de Jong, Christina Raasch, Sabrine Poldervaart
[Download PDF](#) [Abstract](#) [Export](#)
- Research article** ● Open access
The impact of organizational justice on employee **innovative work behavior**: Mediating role of knowledge sharing
Journal of Innovation & Knowledge, Volume 5, Issue 2, April-June 2020, Pages 117-129
Tayyaba Akram, Shen Lei, Muhammad Jamal Haider, Syed Talib Hussain
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- Research article** ● Open access
Spirituality and **innovative behaviour** in teams: Examining the mediating role of team learning
IIMB Management Review, Volume 31, Issue 2, June 2019, Pages 116-126
Ashish Pandey, Vishal Gupta, Rajen K. Gupta
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On the left side, there are filters for "Refine by:" including "Subscribed journals", "Years" (2022 (7), 2021 (1,787), 2020 (26,845)), and "Subject areas" (Engineering (44,380), Social Sciences (40,080), Medicine and Dentistry (37,380)). A "Show more" link is also present. An orange box highlights the "Access type" filter, which includes "Open access (27,366)" and "Open archive (3,711)". An orange arrow points from the "Filter for OA options" box to the "Open access" option in the "Access type" filter.

Geographical Pricing for Open Access (GPOA) Pilot details

Elsevier is piloting a program from January 2024 to set APC prices for 143 gold open access journals according to the income level of the country of the corresponding author.

- For these pilot journals we will waive the APC for corresponding authors who are based in low-income countries as classified by the World Bank as of July 2023.
- For articles whose corresponding authors are based in lower-middle-countries the geo-price will be 20 percent of the APC global list price.
- Corresponding authors based in upper-middle-income countries and where R&D intensity (domestic expenditure on R&D expressed as a percentage of GDP according to OECD) is below two percent are defined in three different groups based on GNI per capita and will see a different APC geo-price based on the GNI per capita of the country ranging from 45 percent to 90 percent of the APC list price.
- List of journals included in Elsevier's geographical pricing for open access pilot

Upper-middle income 1 (45% of APC to be paid)		
Albania	Gabon	North Macedonia
Armenia	Georgia	Paraguay
Azerbaijan	Guatemala	Peru
Belarus	Indonesia	South Africa
Belize	Iraq	Suriname
Botswana	Jamaica	Thailand

Authors under Thailand can pay the 45 % of APC with 55% discount from 143 journals under Elsevier's lists

Call for Paper for Special Issue in Beta Search function



ScienceDirect

1

Journals & Books



Yootapong Klinthongchai

YK

Search for peer-reviewed journal articles and book chapters (including open access content)

Keywords

Author name

Journal/book title

Volume

Issue

Pages



Advanced search

Subdomain

Domain

Refine calls for papers by

Domain

Chemical Engineering

Subdomain

Catalysis

All subdomains

Bioengineering

Catalysis

Chemical Engineering (General)

Chemical Health and Safety

Colloid and Surface Chemistry

Filtration and Separation

Fluid Flow and Transfer Processes

Process Chemistry and Technology

Refine calls for papers by

Domain

All domains

Physical Sciences and Engineering

Chemical Engineering

Chemistry

Computer Science

Earth and Planetary Sciences

Energy

Engineering

Materials Science

Mathematics

Physics and Astronomy

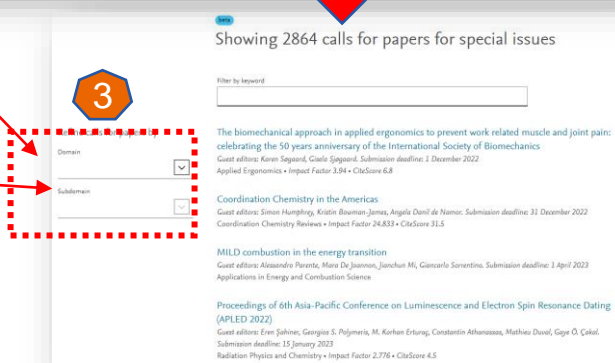
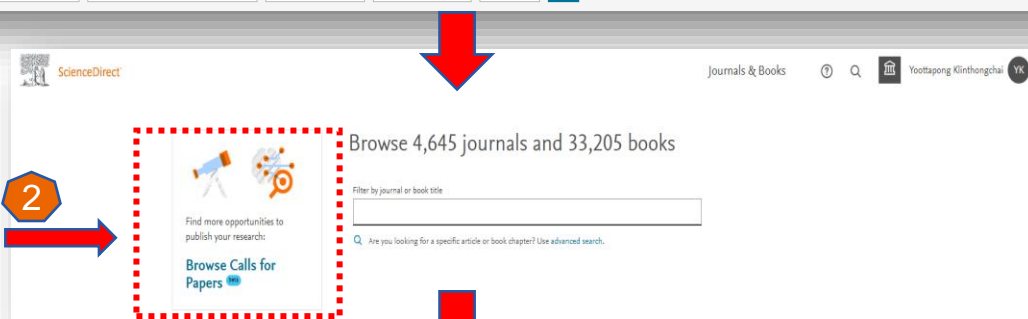
2



3



Detail of each Special issue as
1.Domain: Subject area
2.Subdomain: Sub-subject area



Showing 2864 calls for papers for special issues

Filter by keyword

The biomechanical approach in applied ergonomics to prevent work related muscle and joint pain: celebrating the 50 years anniversary of the International Society of Biomechanics
Guest editors: Karim Sogaard, Claire Sjogaard. Submission deadline: 1 December 2022
Applied Ergonomics • Impact Factor 3.94 • CiteScore 6.8

Coordination Chemistry in the Americas
Guest editors: Simon Humphry, Kristin Bowman-James, Angela David de Namor. Submission deadline: 31 April 2022
Coordination Chemistry Reviews • Impact Factor 24.833 • CiteScore 31.5

MILD combustion in the energy transition
Guest editors: Alessandro Parente, Maria De Joannoni, Junchun Mi, Giancarlo Serenetto. Submission deadline: 1 April 2023
Applications in Energy and Combustion Science

Proceedings of 6th Asia-Pacific Conference on Luminescence and Electron Spin Resonance Dating (APLED 2022)
Guest editors: Eren Sahin, Georgios S. Polimeris, M. Karhan Ersoy, Constantinos Athanassou, Mathieu Duval, Geyo O. Celal. Submission deadline: 15 January 2023
Radiation Physics and Chemistry • Impact Factor 2.776 • CiteScore 4.5

Special Issue in Beta Search function

Journal name **Applied Catalysis B: Environmental**
Supports open access

Journal Metrics
34 CiteScore | 24.319 Impact Factor

Articles & Issues | About | Publish | Search in this journal | Submit your article | Guide for authors

5

- Author Invitation Date
- Date the first submission
- Manuscript Submission Deadline
- Editorial Acceptance Deadline

- Special issue detail
- > Aims and scope
 - > Editorial board
 - > Abstracting & indexing
 - > News
 - > Featured Articles
 - > Volunteer to Review
 - > Forthcoming Special Issues

Forthcoming Special Issues

Special issue topic/Date

29 August 2022

Catalytic Upcycling of Waste Plastics

Special issue detail

Rationale for a Themed Collection in Applied Catalysis B: Catalytic conversion and upcycling of polymers is a fast-expanding field of catalysis research that is poised to play a critical role in the environmental abatement of disposed waste plastics and the decarbonization of the chemical industry by keeping carbon in a circular economy. Every day scientists expand our knowledge of the catalytic chemistry of polymer deconstruction in both breadth and depth. This research area is a vibrant and dynamic field of catalysis with innovations typically scattered among high-impact chemistry, catalysis, polymers, and broad audience journals. As a result, the number of publications on plastic upcycling has increased exponentially since 2018. Hence, a Themed Collection in Applied Catalysis B on plastic upcycling will bring the community together and share the latest achievements on the catalytic transformation of discarded polymers following relatively mature technologies and radically new approaches.

Scope of the Themed Collection: The Themed Collection would welcome original research and perspective review articles focusing on recent fundamental and applied advances in catalytic conversion of polymers and/or waste-derived feedstocks.

Possible topics include but are not limited to:

Manuscript submission information:

Submissions are made at: <https://www.sciencedirect.com/journal/applied-catalysis-b-environmental>

When submitting, please select "VSI:Plastic Upcycling" when you reach the "Issue – Select Issue Type" step at the start of the submission process. To ensure high-quality contributions, all articles will be subject to the usual peer-review process of *Applied Catalysis B: Environmental*.

We look forward to your paper submission.

Timeline:

- Author Invitation Date: September 9, 2022
- Date the first submission is expected: December 9, 2022
- Manuscript Submission Deadline: March 9, 2023
- Editorial Acceptance Deadline: June 9, 2023

Learn more about the benefits of publishing in a special issue: <https://www.elsevier.com/authors/submit-your-paper/special-issues>

Interested in becoming a guest editor? Discover the benefits of guest editing a special issue and the valuable contribution that you can make to your field: <https://www.elsevier.com/editors/role-of-an-editor/guest-editors>

29 August 2022

Catalytic Upcycling of Waste Plastics

What if I want more ?

Express your needs to:

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Subdomain

AACE Clinical Case Reports Journal • Open access

AASRI Procedia Journal • Open access

Ab Initio Valence Calculations in Chemistry Book • 1974

Put the Journal title

Subject area

ScienceDirect

Ecosystem Services

Supports open access

Articles & Issues About Publish Search in this journal Submit your article Guide for authors

Latest Issue

Volume 58

In progress

December 2022

About the journal

Science, Policy and Practice

Ecosystem Services, associated with the [Ecosystem Services Partnership](#) (ESP), is an international, interdisciplinary journal that deals with the science, policy and practice of Ecosystem Services defined as the direct and indirect contributions of ecosystems to human wellbeing.

The aims of the ...

View full aims & scope

19% Acceptance Rate

View all insights

Editor-in-Chief | View full Editorial Board

R. S. De Groot

Wageningen University, Wageningen, Netherlands

11.7 CiteScore

6.91 Impact Factor

Click "About" to see:

- Aim and Scope
- Editorial board
- News
- Announcements

Quick a look on metrics

Most important is to fit with the aims and scopes

Aims & Scope

Ecosystem Services, associated with the [Ecosystem Services Partnership](#) (ESP), is an international, interdisciplinary journal that deals with the science, policy and practice of Ecosystem Services defined as the direct and indirect contributions of ecosystems to human wellbeing.

The aims of the journal are:

- (1) To improve our understanding of the dynamics, benefits and social and economic values of ecosystem services,
- (2) To provide insight in the consequences of policies and management for ecosystem services with special attention on sustainability issues,
- (3) To integrate the fragmented knowledge on ecosystem services, synergies and trade-offs, currently found in a wide field of specialist disciplines and journals.
- (4) To support and promote a dialogue between science and policy, providing empirical evidence to decision makers in the field of ecosystem services assessment and valuation and support its mainstreaming into economic and land-use management policies.

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Time to submit !!!



Ecosystem Services
Supports open access

11.7 CiteScore | 6.91 Impact Factor

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Latest issue

Volume 58

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The aims of the ...
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19% Acceptance Rate [View all insights](#)

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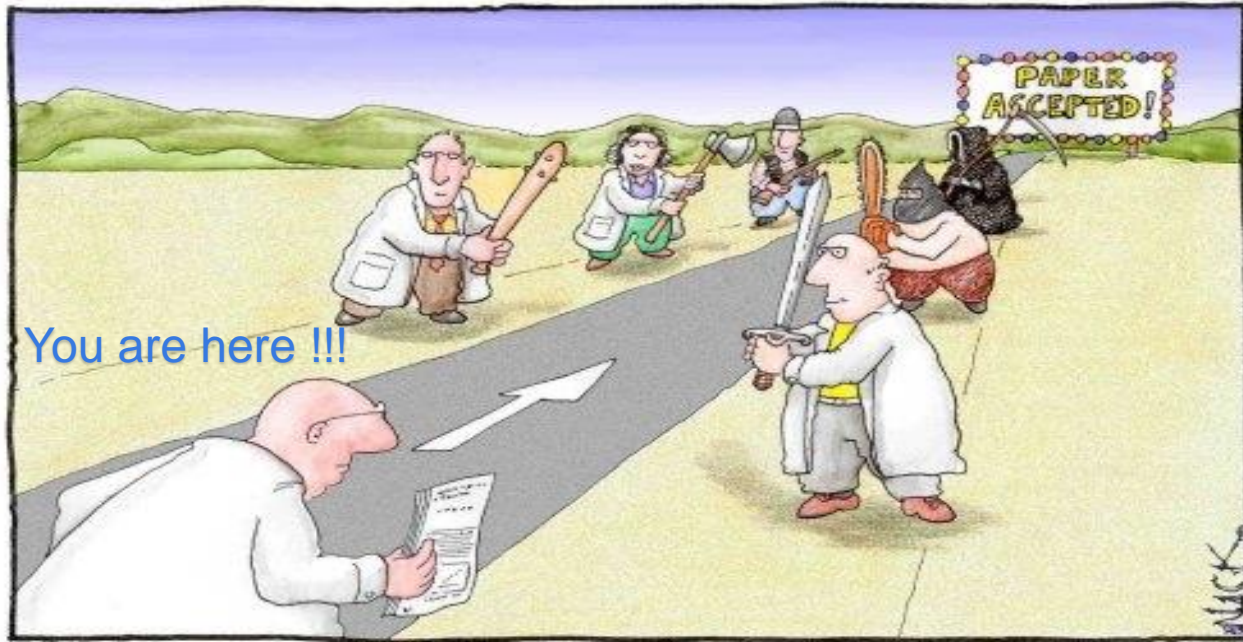
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To change your username and/or password: Once you are registered, you may change your contact information, username and/or password at any time. Simply log in to the system and click on "Update My Information" in the navigation bar at the top of the page.

- You can register or login here.
- Do the following process as the guide for authors for submitting.

The war has begun !!! (Knowledgeable War)



Most scientists regarded the new streamlined peer-review process as 'quite an improvement.'

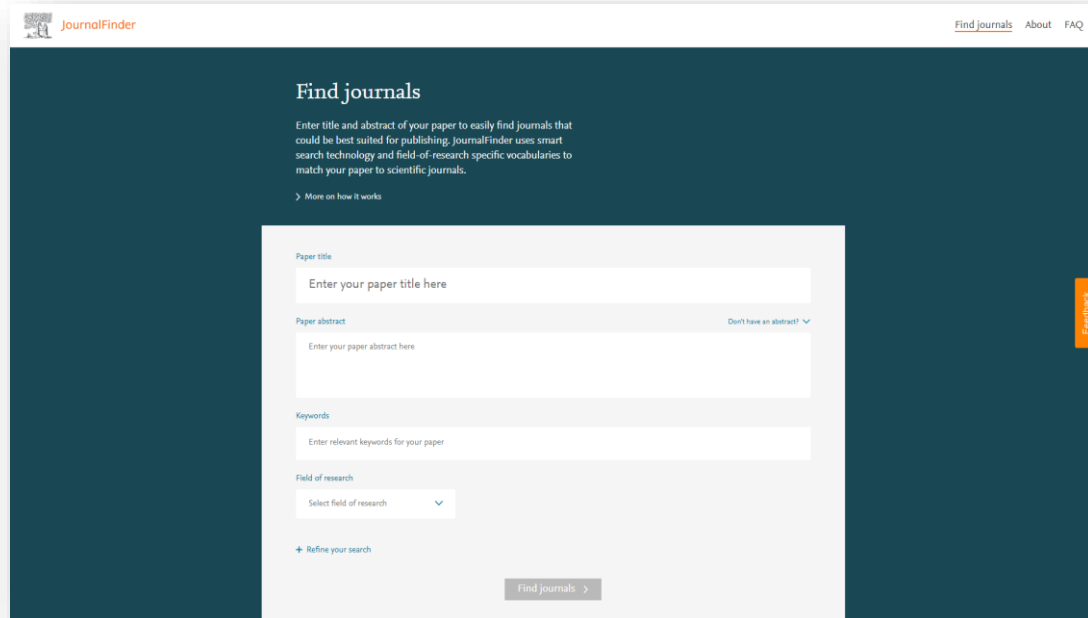


Other Elsevier's tools and e-Learning

Elsevier Journal Finder

Elsevier Journal Finder helps is a free resource which allows researchers to find journals that could be best suited for publishing your scientific article.

Powered by the Elsevier Fingerprint Engine™ (<https://journalfinder.elsevier.com>), Journal Finder uses smart search technology and field-of-research specific vocabularies to match your article to Elsevier journals.



The screenshot shows the Elsevier Journal Finder website interface. At the top, there is a navigation bar with the "JournalFinder" logo on the left and links for "Find journals", "About", and "FAQ" on the right. The main heading is "Find journals". Below this, a paragraph explains the tool's purpose: "Enter title and abstract of your paper to easily find journals that could be best suited for publishing. Journalfinder uses smart search technology and field-of-research specific vocabularies to match your paper to scientific journals." A link "> More on how it works" is provided. The search form consists of several input fields: "Paper title" with a placeholder "Enter your paper title here"; "Paper abstract" with a placeholder "Enter your paper abstract here" and a dropdown menu "Don't have an abstract"; "Keywords" with a placeholder "Enter relevant keywords for your paper"; and "Field of research" with a dropdown menu "Select field of research". At the bottom of the form, there is a link "+ Refine your search" and a "Find journals >" button. A vertical "Feedback" button is located on the right side of the form area.

Journal Finder



JournalFinder

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1

Your paper title

Paper title

Planes as air pollutant contributors within an international environment

2

Your abstract

Paper abstract

Public opinion often points into the direction of airplanes as a large contributor of air pollution. How can this mode of transport be made more environmentally friendly? Seven case studies.

Don't have an abstract?

Maximum 5,000 characters

3

Keywords associated with the research

Keywords

Air Pollution Transport Emissions Contributory Factors

4

Select from drop down menu

Field of research

Environmental Science Select field of research

Fill in your organization's details for personalized publishing options

[+ Refine your search](#)

[Find journals >](#)

Journal Finder



CiteScore [ⓘ]
All journals

Time to 1st decision [ⓘ]
All journals

Publication type [ⓘ]

OA Journals that offer gold OA

S Journals with subscription

1 Refine your search

More filters [∨]

2 Sort the results

Showing 48 journals matching your paper

Sort by: Best match [∨]

Best match [∧]

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- Journal name
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- Acceptance rate
- Time to 1st decision
- Time to publication

[↑ Best match first](#)

[↓ Best match last](#)

3 Citescore, IF, acceptance rate, time to 1st decision, and time to publication

Environmental Impact Assessment Review

OA S ISSN: 0195-9255 • Indexed by Chinese Academy of Sciences (中科院期刊分区)

Text match score

Top matching keywords: Air Pollution

CiteScore: 7.6

Impact Factor: 6.122

Acceptance rate: 12%

Time to 1st decision: 3 weeks

Time to publication: 2 weeks

4 Click to see detail

Ecological Economics

OA S ISSN: 0921-8009 • Indexed by Chinese Academy of Sciences (中科院期刊分区)

Text match score

Top matching keywords: Air Pollution

Subject area: Ecology, Management, Monitoring, Policy and Law, Geography, Planning and Development

Recent articles: A conceptual framework for the assessment and monitoring of environmental impacts of agriculture; Can the opening of urban rail transit improve urban air quality? Evidence from 98 States in China; Endmember-like open design and business models: A conceptual research mapping based on sustainability analysis

Journal steps: Environmental Impact Assessment Review (EIA Review) is a refereed, interdisciplinary journal serving a global audience of practitioners, policy makers, regulators, academics and others with an interest in the field of impact assessment (IA) and management. Impact assessment is defined by the International Association for Impact Assessment (IAIA) as the process of identifying the future consequences of a current or proposed action. For EIA Review, the field of IA is restricted to the assessment of impacts on or of the environment (including, for example, EIA and SEA) and (EIA) health (EIA), soil (EIA), human rights, equity, language, technology, products etc. With current or proposed actions, the EIA Review audience focuses those best to evaluate the impact of policies, projects, processes and products, and how best to make decisions and undertake management activities.

The focus of EIA Review is on innovative theory and practice that encompasses any of the above mentioned impacts and activities. In other words, EIA Review covers the following topics (the list is not exhaustive):

- Development of IA theory and concepts
- IA legislation, procedures and practice
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- IA Methods, for example, forecasting, indicators, systems based approaches, participatory assessment, cost benefit analysis, algorithms, systems based approaches, among others.
- IA Case Assessment, Carbon Footprint or Energy Analysis, Energy Storage, and Integrated Product Design
- Environmental Management Systems.

Search to view EIA Review is not restricted to recent articles. However, it aims to publish only contributions

New journal recommendation tools help authors choose journals for their research

Publishing research can be a long and confusing process for authors, and often they are not sure what is the best journal to publish their research

ScienceDirect Journal recommendation tool support authors in increasing their chances of selecting a more suitable journal by recommendation.

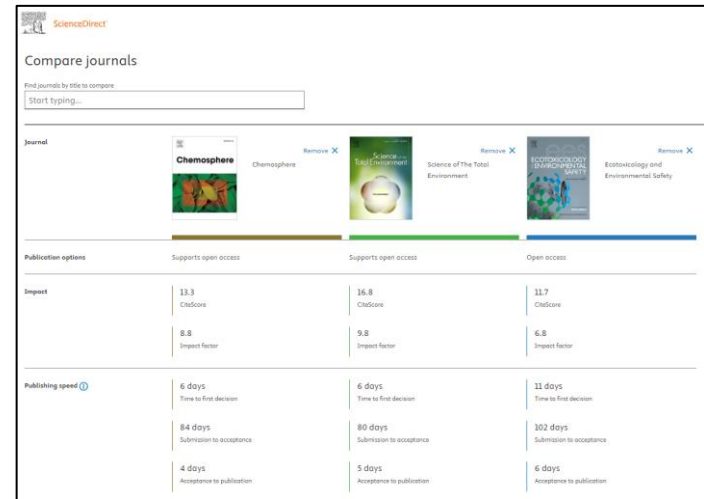
For those who know a few journals, but want more information before deciding where to submit, the Journal Compare tool allows an author to compare key statistics before choosing. Currently available on ~200 journal home pages

<https://www.sciencedirect.com/compare>



Improving Author Experience

- Get Journal recommendations from ScienceDirect to publish your research
- Compare journals to find the right journal on ScienceDirect for you to submit to
- Increase the chance of articles being accepted at first submission



The screenshot shows the 'Compare journals' interface on ScienceDirect. It features a search bar at the top, followed by three journal cards: Chemosphere, Science of the Total Environment, and Ecotoxicology and Environmental Safety. Below the cards is a table comparing key metrics for each journal.

Journal	Chemosphere	Science of the Total Environment	Ecotoxicology and Environmental Safety
Publication options	Supports open access	Supports open access	Open access
Impact	13.3 CiteScore 8.8 Impact factor	16.8 CiteScore 9.8 Impact factor	11.7 CiteScore 6.8 Impact factor
Publishing speed	6 days Time to first decision 84 days Submission to acceptance 4 days Acceptance to publication	6 days Time to first decision 80 days Submission to acceptance 5 days Acceptance to publication	11 days Time to first decision 102 days Submission to acceptance 6 days Acceptance to publication

New Feature is coming as Compare Journals



ScienceDirect®

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Find journals by title to compare

<https://www.sciencedirect.com/compare>

Compare journals

Find journals by title to compare

Journals



Carbon

Remove X



Microporous and Mesoporous Materials

Remove X



Materials Today Chemistry

Remove X

Publication options

Supports open access

Supports open access

Impact

20.1
CiteScore

9.6
CiteScore

7.6
CiteScore

10.9
Impact factor

5.2
Impact factor

7.3
Impact factor

Publishing speed ⓘ

8 days
Time to first decision

5 days
Time to first decision

13 days
Time to first decision

51 days
Review time

54 days
Review time

66 days
Review time

68 days
Submission to acceptance

70 days
Submission to acceptance

81 days
Submission to acceptance

4 days
Acceptance to publication

6 days
Acceptance to publication

Acceptance rate

17.35 %
Acceptance Rate

23.06 %
Acceptance Rate

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Print ISSN: 1387-1811

Online ISSN: 2468-5194

Subject areas

Biomaterials, Materials Chemistry, Energy (General), Nanotechnology

Catalysis, Nanotechnology

Biomaterials, Materials Chemistry, Polymers and Plastics, Nanotechnology

Aims and scope

The journal Carbon is an international multidisciplinary forum for **communicating scientific advances in the field of carbon materials**, including **low-dimensional carbon-based nanostructures**. The ...
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The Official Journal of the International Zeolite Association

Microporous and Mesoporous Materials covers novel and significant aspects of **porous solids** classified as either **microporous** (pore size ...
[View full aims & scope ↗](#)

Materials Today Chemistry is a multi-disciplinary journal focused on all aspects of materials chemistry.

Materials chemistry is one of the fastest developing areas of science, covering the ...
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Abstracting and indexing

- Elsevier BIOBASE
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- Current Contents
- Engineering Index
- Monthly & Author Index
- Materials Science Citation Index
- Pascal Francis
- Scopus
- INSPEC

- Science Citation Index Expanded
- Inorganic Crystal Structure Database
- Chemical Abstracts
- Current Contents - Physical, Chemical & Earth Sciences
- Scopus
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Research cycle Content library

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Fundamentals of manuscript preparation

As you embark on your publishing career, it can feel like there's an endless array of procedures, protocols and best practice to absorb.

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TOTAL TIME

🕒 2+ hours

COMPLETE

📄 0 / 4

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🗺 English

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Make sure your article is written in correct English before submission. Articles that get English editing are more likely to be published in a peer-reviewed journal.

🕒 1-7 business days

Get started >

4 modules



Structuring your article correctly
In this in-depth guide to structuring an article, we shine a spotlight on each of the article elements in turn.



Guide to reference managers: How to effectively manage your references
Learn how reference managers can make your research life simpler while helping you make the most of your data.



How to prepare your manuscript
This introduction to the publishing process contains helpful insights for those preparing to submit a manuscript for the first time.

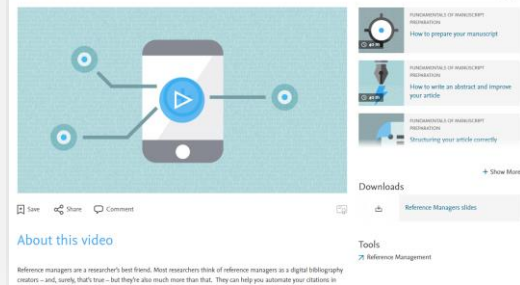


How to write an abstract and improve your article
An abstract can make or break an article. Our guide contains the know-how you need to ensure yours is a success.

What you will learn

- An introduction to the publishing process
- Insights into how to build an article
- Top tips for writing a great abstract

Guide to reference managers: How to effectively manage your references



The screenshot shows a video player interface. The main video area displays a smartphone with a play button icon. To the right, there is a list of video thumbnails with titles like 'How to prepare your manuscript', 'How to write an abstract and improve your article', and 'Structuring your article correctly'. Below the video area, there are social media sharing options (Save, Share, Comment), a 'Downloads' section with 'Reference Managers slides', and a 'Tools' section with 'Reference Management'. The video title 'Guide to reference managers: How to effectively manage your references' is at the top right, and 'UP NEXT' is at the top left.



Evolution of researcher...

Ph.D 1st year



Ph.D 4th year



Postdoc



Supervisor



The trained man wins...



Generative AI is combined with Research

ScienceDirect | Scopus

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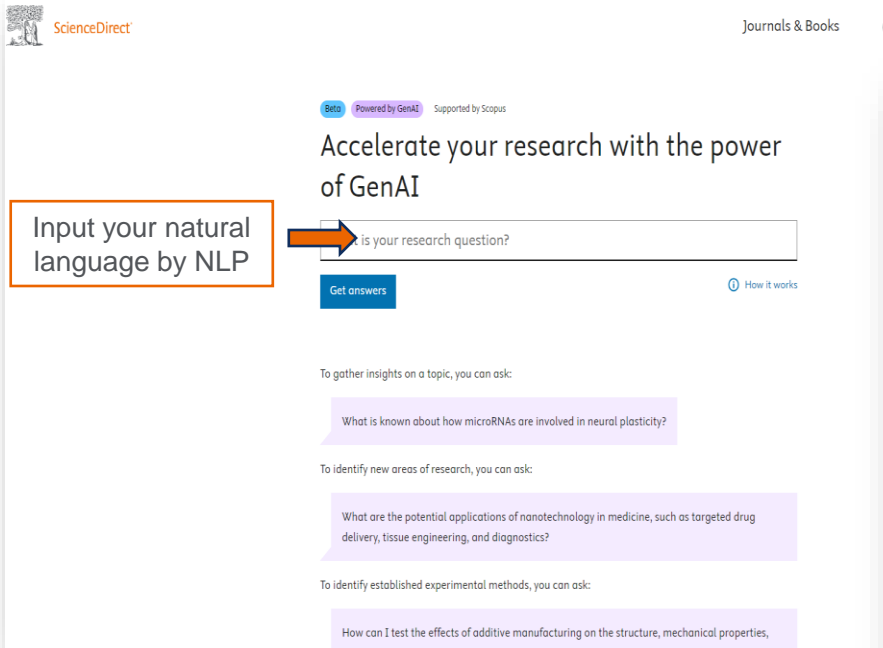
What is coming...

AI is coming....



<https://www.simplilearn.com/advantages-and-disadvantages-of-artificial-intelligence-article>

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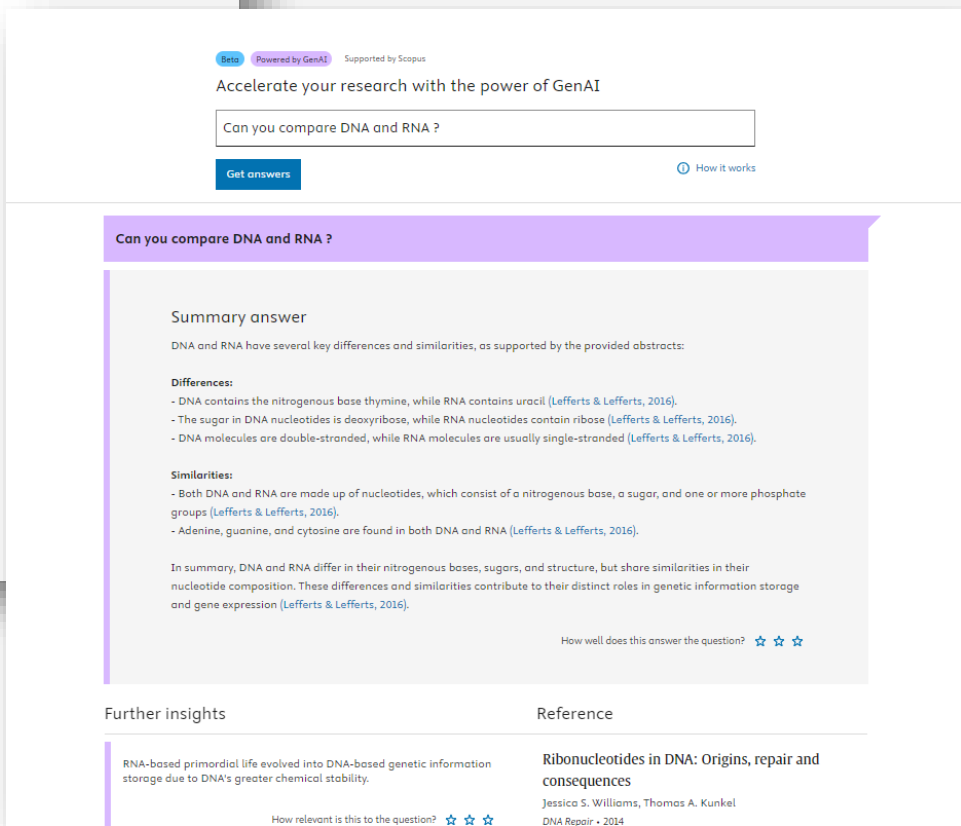
What is known about how microRNAs are involved in neural plasticity?

To identify new areas of research, you can ask:

What are the potential applications of nanotechnology in medicine, such as targeted drug delivery, tissue engineering, and diagnostics?

To identify established experimental methods, you can ask:

How can I test the effects of additive manufacturing on the structure, mechanical properties,



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Can you compare DNA and RNA ?

Get answers [How it works](#)

Can you compare DNA and RNA ?

Summary answer

DNA and RNA have several key differences and similarities, as supported by the provided abstracts:

Differences:

- DNA contains the nitrogenous base thymine, while RNA contains uracil (Lefferts & Lefferts, 2016).
- The sugar in DNA nucleotides is deoxyribose, while RNA nucleotides contain ribose (Lefferts & Lefferts, 2016).
- DNA molecules are double-stranded, while RNA molecules are usually single-stranded (Lefferts & Lefferts, 2016).

Similarities:

- Both DNA and RNA are made up of nucleotides, which consist of a nitrogenous base, a sugar, and one or more phosphate groups (Lefferts & Lefferts, 2016).
- Adenine, guanine, and cytosine are found in both DNA and RNA (Lefferts & Lefferts, 2016).

In summary, DNA and RNA differ in their nitrogenous bases, sugars, and structure, but share similarities in their nucleotide composition. These differences and similarities contribute to their distinct roles in genetic information storage and gene expression (Lefferts & Lefferts, 2016).

How well does this answer the question? ☆☆☆

Further insights

RNA-based primordial life evolved into DNA-based genetic information storage due to DNA's greater chemical stability.

How relevant is this to the question? ☆☆☆

Reference

Ribonucleotides in DNA: Origins, repair and consequences

Jessica S. Williams, Thomas A. Kunkel

DNA Repair • 2014



.VIER



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Q&A

ScienceDirect Support Center

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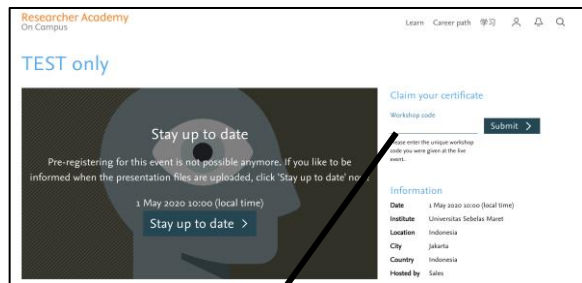
SDGs support

[SDG Resource Centre - Leading-edge information on the Sustainable Development Goals \(relx.com\)](https://www.relx.com/sdg-resource-centre)



Post Event Survey and Claim your certificate!

1. Use this link/QR code to claim your certificate:

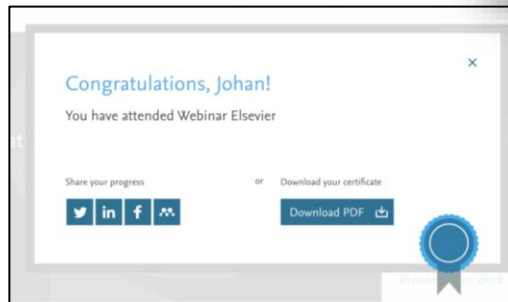
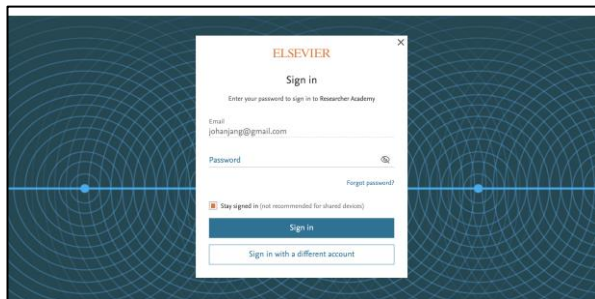


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2. Once you fill in the survey, use the following code to claim your certificate

JDNWUX

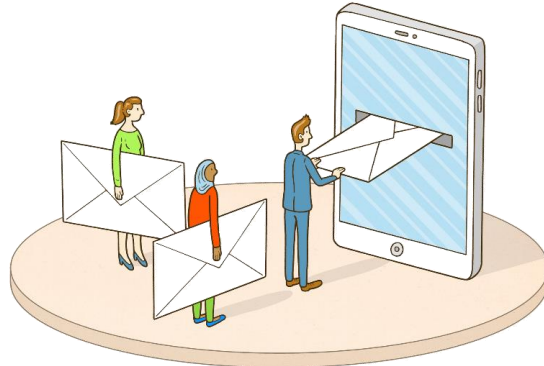


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Thank You!



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