

# Empower your Research with ScienceDirect



Nicholas Pak  
Solutions Consultant  
Research Solutions Sales  
Elsevier  
[n.pak@elsevier.com](mailto:n.pak@elsevier.com)

ScienceDirect



## Who We Are

A global  
information analytics company  
specializing in science and health.

## Why We Do It

We help you solve your  
challenges, for the  
benefit of humanity



## What We Do

We help institutions and  
professionals progress  
science, advance  
healthcare and improve  
performance.

## A Unique Combination

Combine content with technology,  
supported by operational efficiency,  
to turn information into actionable knowledge.

# Elsevier combines content with technology to provide actionable knowledge



**Read**  
*this*

Cell  
Fundamentals  
Gray's Anatomy



**Search**  
*this*

ScienceDirect  
Scopus  
ClinicalKey®  
Reaxys®



**Do**  
*this*

Sherpath  
Mendeley  
InferMed  
Knovel®



# To help customers meet those challenges: Elsevier combines content with technology to provide actionable knowledge



## Chemistry database

**500m** published experimental facts

**1,000**

technologists employed by Elsevier

## User queries

**13m** monthly users on ScienceDirect

## Machine reading

**475m** facts extracted from ScienceDirect

## Books

**35,000** published books

## Semantic Enhancement

Knowledge on 50m chemicals captured as  
11 billion facts

## Drug Database

**100%** of drug information from pharmaceutical  
companies updated daily

## Machine learning

Over 1,000 predictive models trained on 1.5  
billion electronic health care events

## Research

**16%** of the world's research data and articles  
published by Elsevier

## Collaborative filtering:

**1bn** scientific articles added by 2.5m  
researchers analyzed daily to generate over 250m  
article recommendations

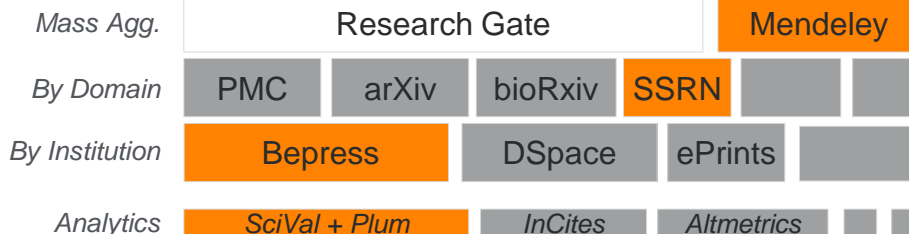


# How Elsevier combines Content with Technology



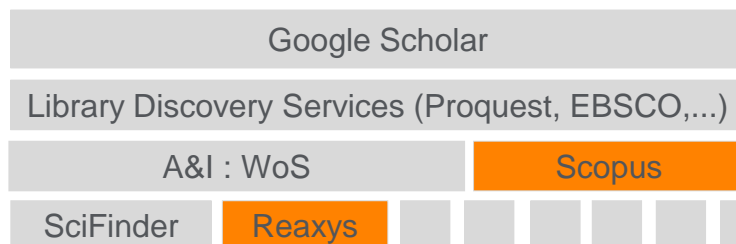
ELSEVIER

## DISCOVERY (Social) + CONTENT



Secondary  
platforms +  
additional content

## DISCOVERY (Search)



Secondary  
platforms

## DISTRIBUTION



*Primary Content  
(by Publisher)*



*Platform tech.*

Primary  
platforms

## SUBMISSION



## WRITING



## DATA



Workflow  
tools



## Researchers today are faced with ever growing volumes of information they need to search, evaluate and incorporate into their work

Keeping up with scientific literature has been described as the single most important skill throughout a researcher's career.\*

But it's no easy task, as there are 28,100 active peer-reviewed journals and 2.5 million new articles published each year, according to The STM Report.\*\*

### **This information overload can cause researchers to:**

- Lose time combing through resources
- Get frustrated with dead ends
- Become unsure of their next steps

\*Source: <http://www.sciencemag.org/careers/2016/11/how-keep-scientific-literature>

\*\*Source: The STM Report, <http://www.sciencemag.org/careers/2016/11/how-keep-scientific-literature>, 2016.





## Using Published Literature

Four activities take more than 2 hours per week and are considered highly important but researchers feel well supported. Developing hypotheses is important but researchers feel less supported by tools and resources



**Time (in hours):** Approximately how much time last week did you spend on the following activities?



**ScienceDirect** continues to focus on increasing your research effectiveness by incorporating innovative technologies to evolve the information discovery and management needs of researchers

**Our goal is to help you and the people in your institute**



**Uncover more  
novel science**



**Use your time  
efficiently and  
effectively**



**Make decisions  
based on the  
highest-quality  
scientific  
information**

Demonstrably improve user experience by providing an integrated, social and personal reading experience when optimizing for the ScienceDirect use cases:

- Help me discover the relevant information
- Give me access to the detail
- Make the process quick and easy
- Keep me informed on the latest developments and news





# The Value of ScienceDirect

What's behind ScienceDirect

In Demand Content

Superior Quality

The Freedom Collection

The Platform

Improved Visibility

Impactful Research

ScienceDirect



# The Value of ScienceDirect

## What's behind ScienceDirect

In Demand Content

Superior Quality

The Freedom Collection

The Platform

Improved Visibility

Impactful Research

ScienceDirect

## High-quality Science

Decisions based on inaccurate or poor-quality information increase project costs, lead to inefficient resource allocation, and can incur litigation.

**We ensure that the information you  
find is of the highest standard.**

### VOLUME

**ScienceDirect** delivers  
over **15M** publications  
from over **3,800** journals  
and more than **37,000**  
books from Elsevier, our  
imprints and our societies.

### IMPACT

**71% of our journals increased their  
Impact Factor rating in 2017.**

A 10% increase from 2016, with the number of  
titles ranked first in their subject categories rising  
from 71 to 76.

### CITATION

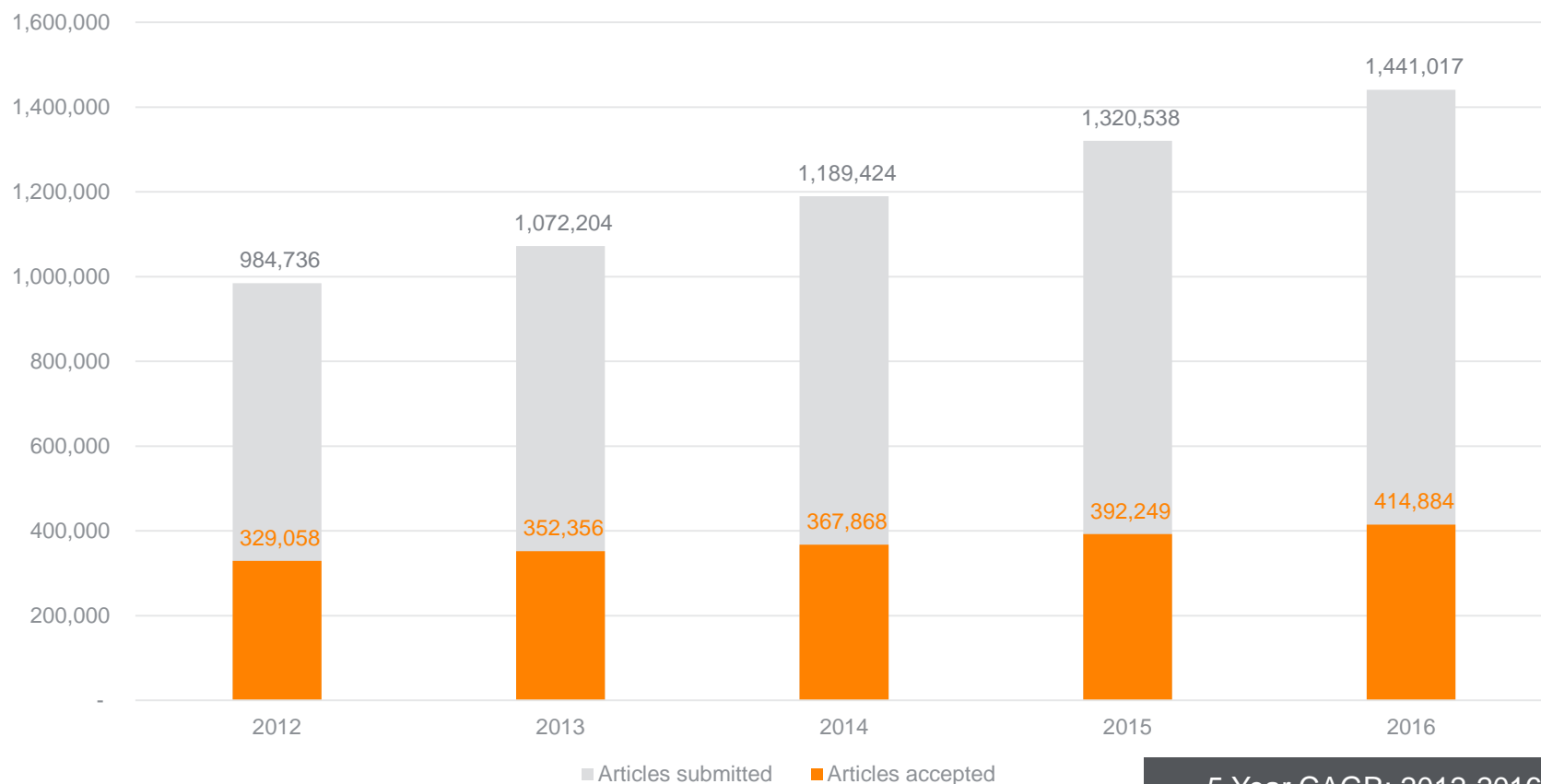
**Of the top 5% cited articles,  
30% are Elsevier's.**

# What's behind ScienceDirect?



# Attracting and Managing Quality, Global Submissions

Submissions and Publications



5 Year CAGR: 2012-2016

Articles Submitted

9.50%

Articles Published

5.03%

\*Figures for all Elsevier Journals

ScienceDirect





# The Value of ScienceDirect

What's behind ScienceDirect

In Demand Content

Superior Quality

The Freedom Collection

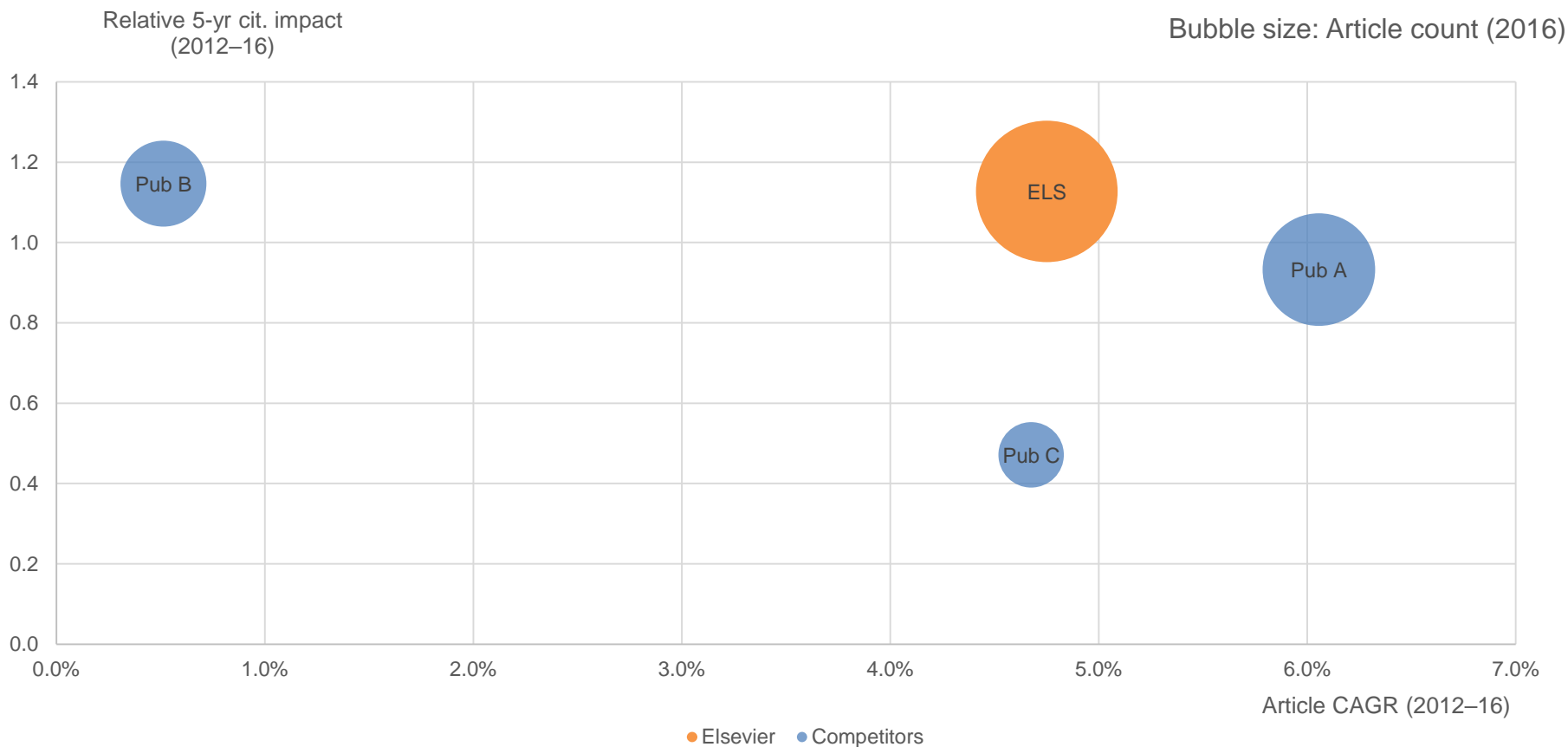
The Platform

Improved Visibility

Impactful Research

ScienceDirect

## All Subjects (2012 – 2016)



### Largest Repository of Growing, Quality Content

- Over 388,000 articles in 2016
- Comprises 24.6% of global article content alone in 2016
- Provides 27% of global references in 2012 - 2016
- FWCI of 1.13 in 2012 - 2016
- More than 58.1% more articles than next largest publisher



# The Value of ScienceDirect

What's behind ScienceDirect

In Demand Content

Superior Quality

The Freedom Collection

The Platform

Improved Visibility

Impactful Research

ScienceDirect

# ScienceDirect Impact Factor - No.1 Journal in 76 Subjects

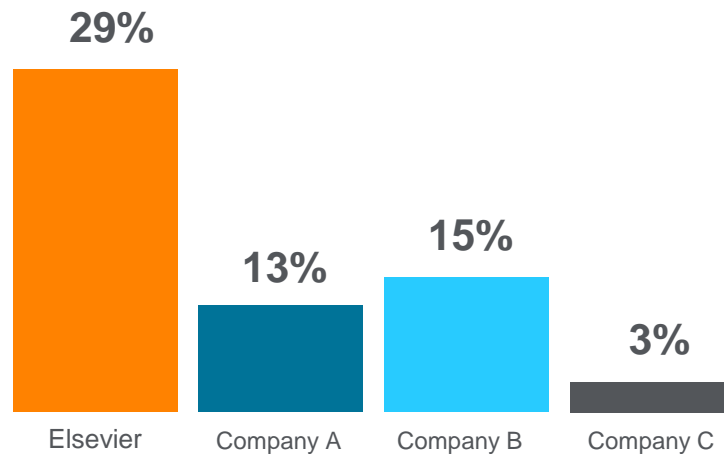


No.1 in 76 categories out of 234  
Top 3 in 197 categories out of 702  
Top 5 in 333 categories out of 1,171

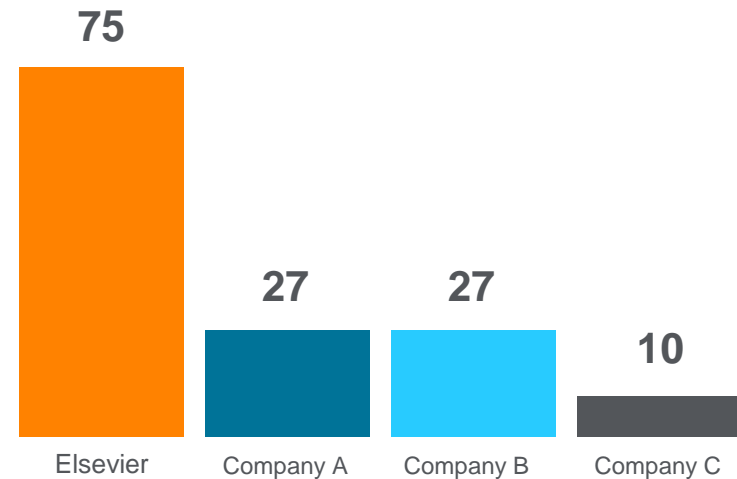
## ScienceDirect Impact Factor - No.1 Journal in 76 Subjects

### Journal ranking—Impact Factor

Share of top—10% journals



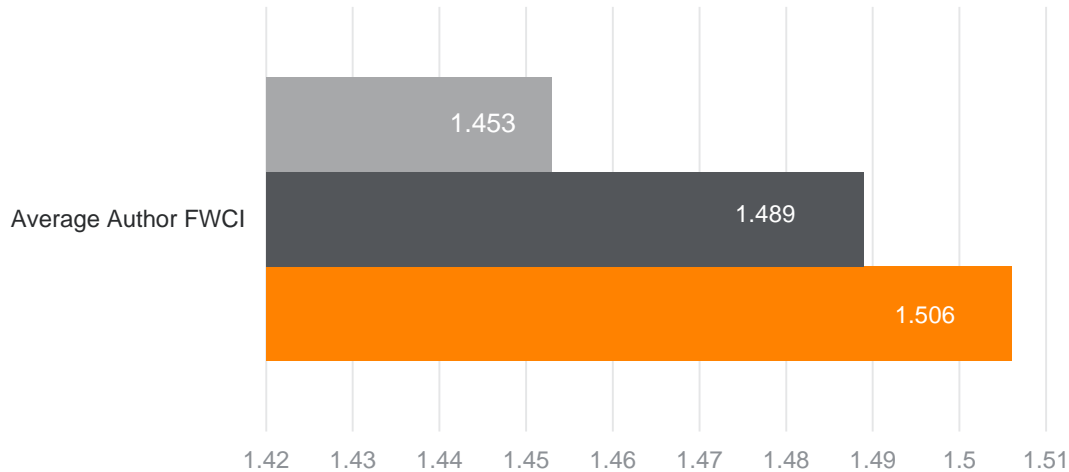
Subjects with top rank  
(Journal Citation Reports)



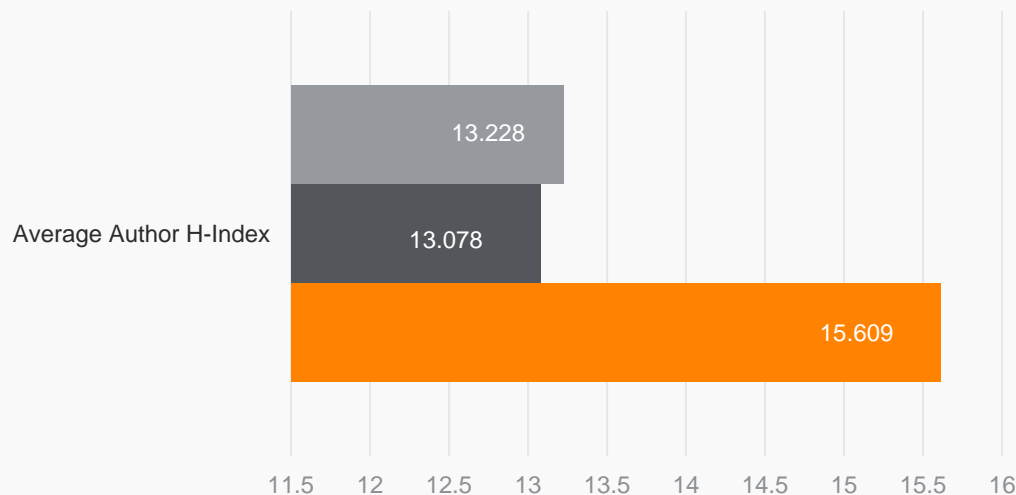
Journal ranking by Journal Impact Factor across 234 subjects per Clarivate's Journal Citation Reports database; source: Clarivate data (2016)



# The World's Best Researchers



Publisher	Authors	Average Author FWCI
Publisher A	1,034,646	1.453
Publisher B	1,716,325	1.489
Elsevier	2,719,232	1.506



Publisher	Authors	Average Author H-Index
Publisher A	1,034,646	13.228
Publisher B	1,716,325	13.078
Elsevier	2,719,232	15.609

## Quiz

- How many subjects categories in Journal Citation Reports is Elsevier number 1 of?



# The Value of ScienceDirect

What's behind ScienceDirect

In Demand Content

Superior Quality

The Freedom Collection

The Platform

Improved Visibility

Impactful Research

ScienceDirect

# ScienceDirect contributes to global research

More than a quarter of global references are to ScienceDirect content

GET CITED

PUBLISH

READ

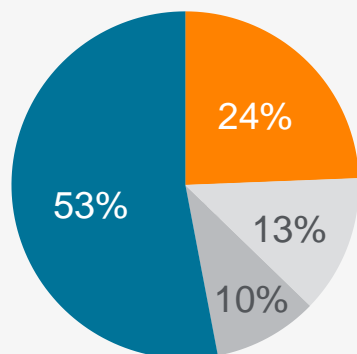
CITE



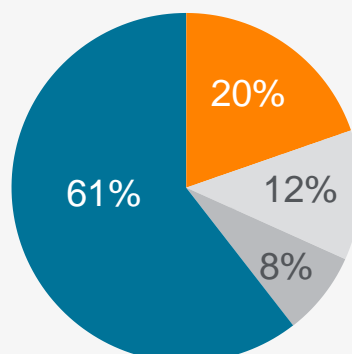
## In the last 5 years:

- Researchers from 247 countries have downloaded 4,007,955,430 documents from ScienceDirect
- Globally, authors published on ScienceDirect have been cited 64,734,635 times

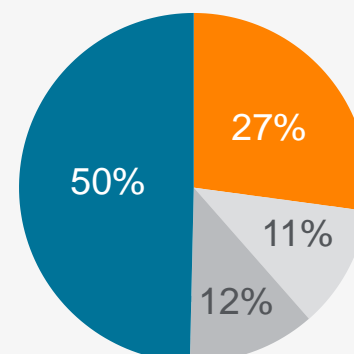
## Disseminate



## Certify



## Investigate



Elsevier

Pub. A

Pub. B

Others



# The Value of ScienceDirect

What's behind ScienceDirect

In Demand Content

Superior Quality

The Freedom Collection

**The Platform**

Improved Visibility

Impactful Research

ScienceDirect



# ScienceDirect is incorporating innovative technologies to evolve the information discovery and management needs of researchers

Researchers can benefit from ScienceDirect technology improvements in multiple ways:

## To help uncover new research

to identify patterns and connections between content that might have been otherwise overlooked, ScienceDirect is enhancing its advanced data analytics and machine learning capabilities to deliver researchers the information they need, when they need it



## To deliver search results that are more relevant

and delivered faster than ever before, ScienceDirect is expanding its browse and search functionalities



## To provide a best in class user experience

which is personal, secure, and fast, ScienceDirect is creating customizable settings and annotation features so that researchers can tailor their workspace to fit their needs



# ScienceDirect invests continually to ensure continuous optimization and meet the most vigorous standards

We focus on 3 key areas to ensure the best possible customer experience:



## Better performance

Optimized architecture for journal homepages ensures pages load within 1 second



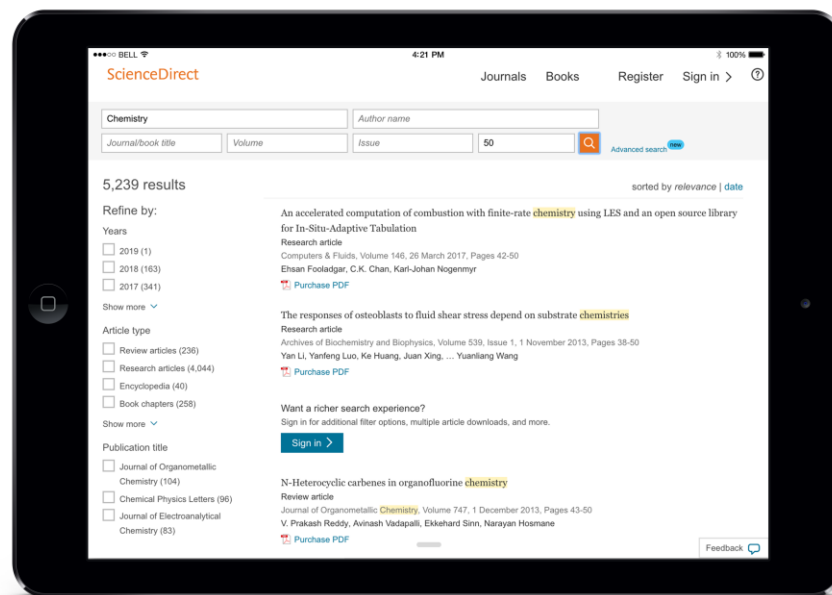
## 100% results

The most relevant information is prioritized (latest articles and issues, articles in press, special issues, alerts and journal information)



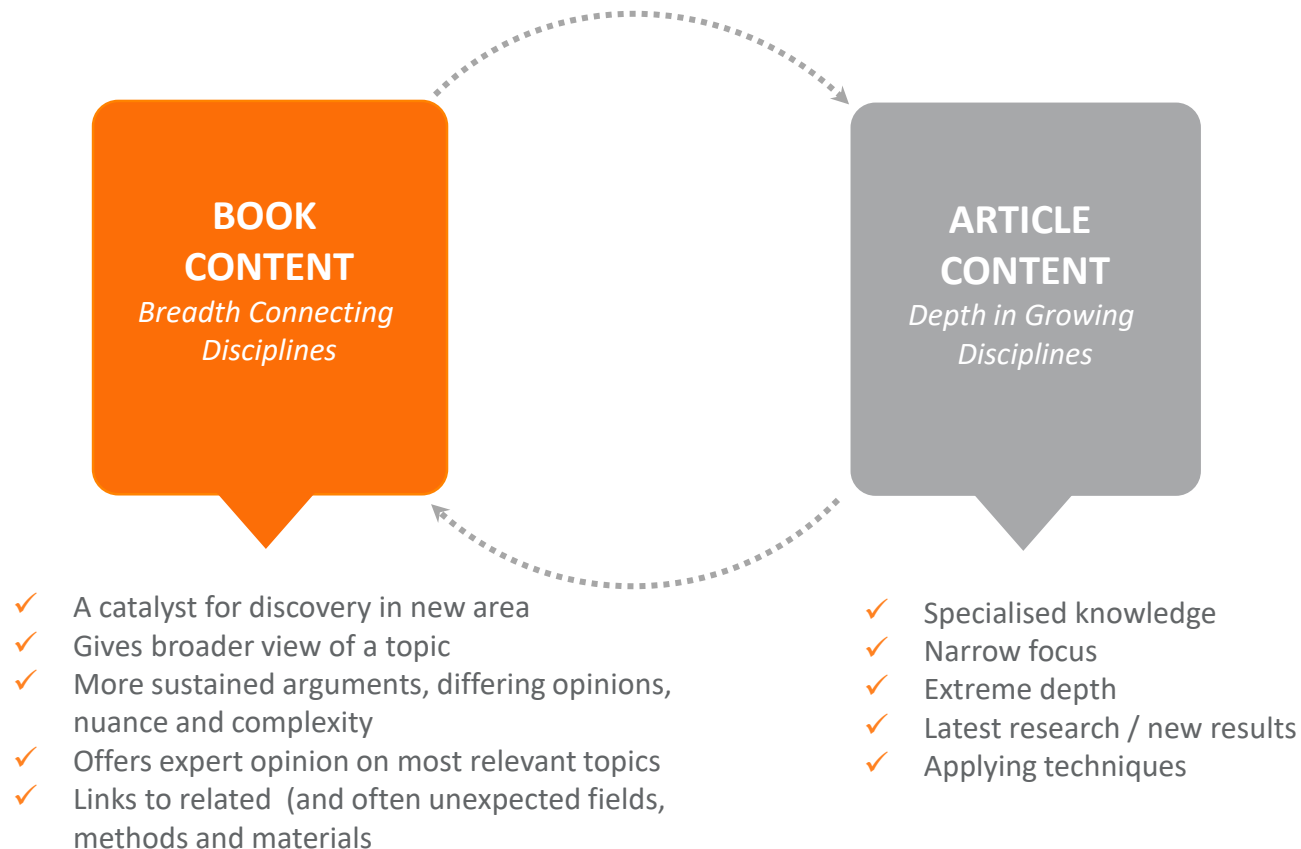
## Ease of use

A modern and clean look on any screen size with each journal instantly recognizable to the user thanks to custom colors

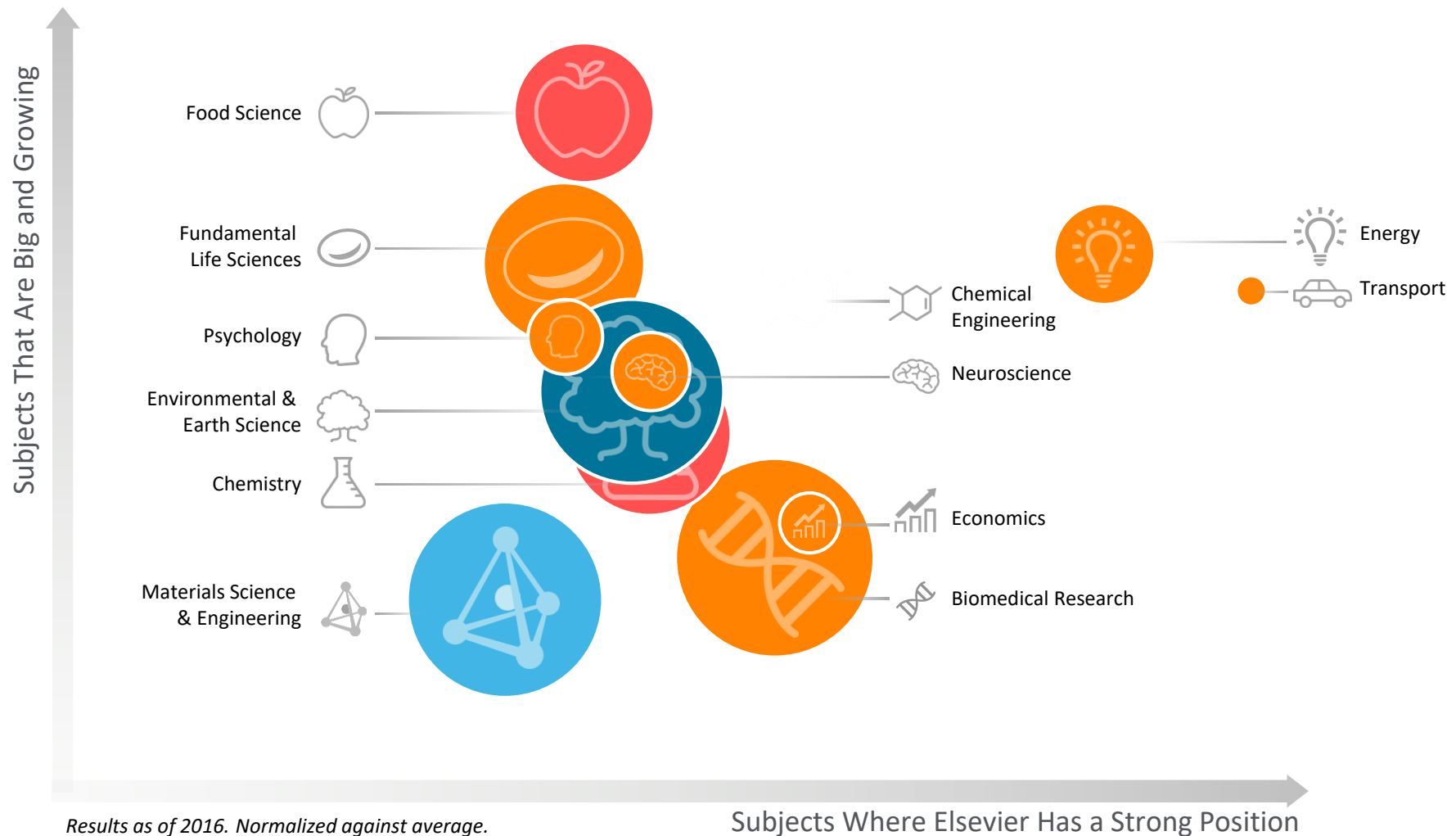


# eBook content is a critical complement to journal content

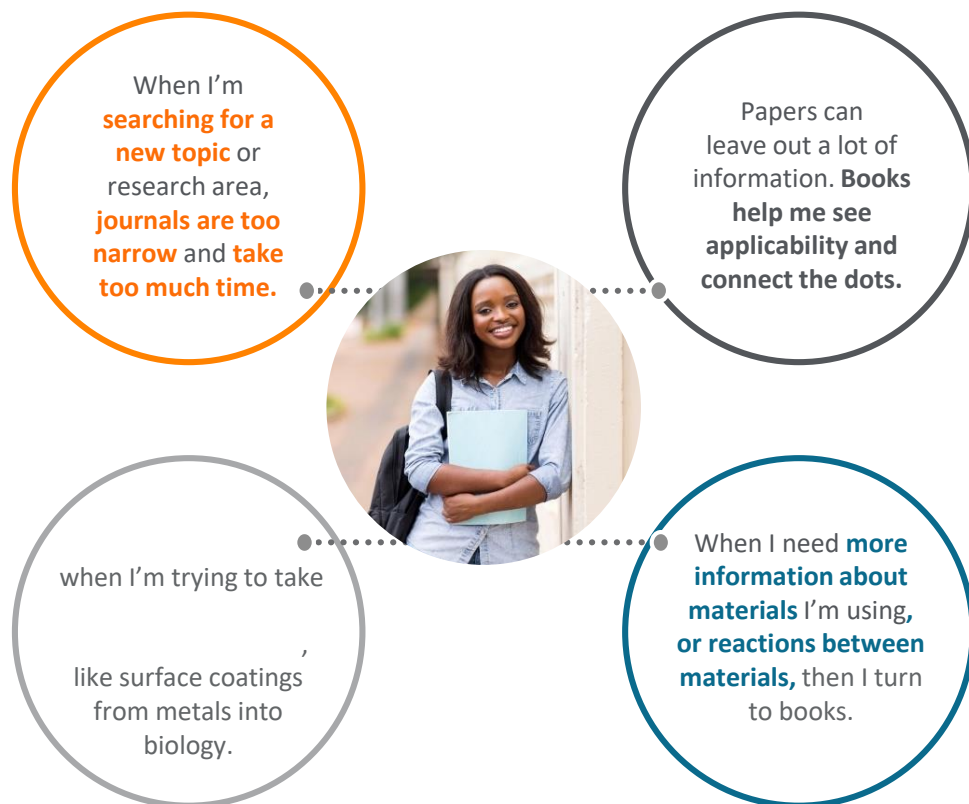
Books and journal articles provide different types of content, but for this reason they are fundamentally interlinked: **researchers/students need both to build their knowledge around a topic.**



# Deep Vertical Strategy focusing on the largest fastest growing research areas where Elsevier is strongest



## Usage data shows books and journals are used together



ELSEVIER SCIEDIRECT BOOKS CUSTOMER TESTIMONIAL

“ eBooks are part of a comprehensive whole which includes journals and other information resources.

— Librarian, State & Local Government

ELSEVIER SCIEDIRECT BOOKS CUSTOMER TESTIMONIAL

“ Oftentimes a book will provide an in-depth review of a theory or research approach that just isn't possible in a single journal article.

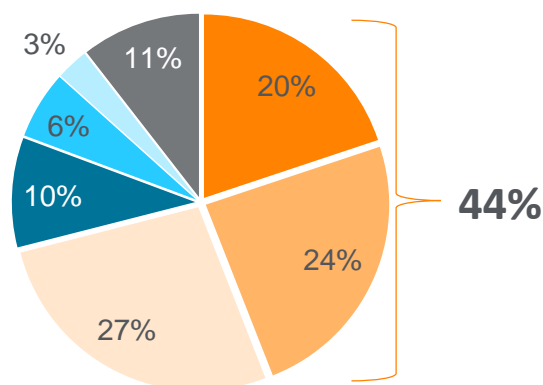
— Researcher, Educational Institution



# Researchers are often working in interdisciplinary fields

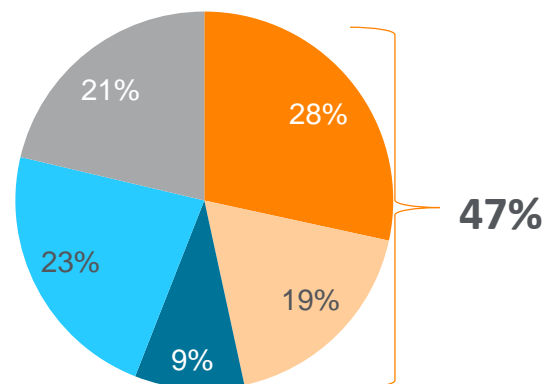
## Understanding User Needs & Behaviour and Identifying Core Use Cases

44% of researchers look for **content** outside their field at least weekly



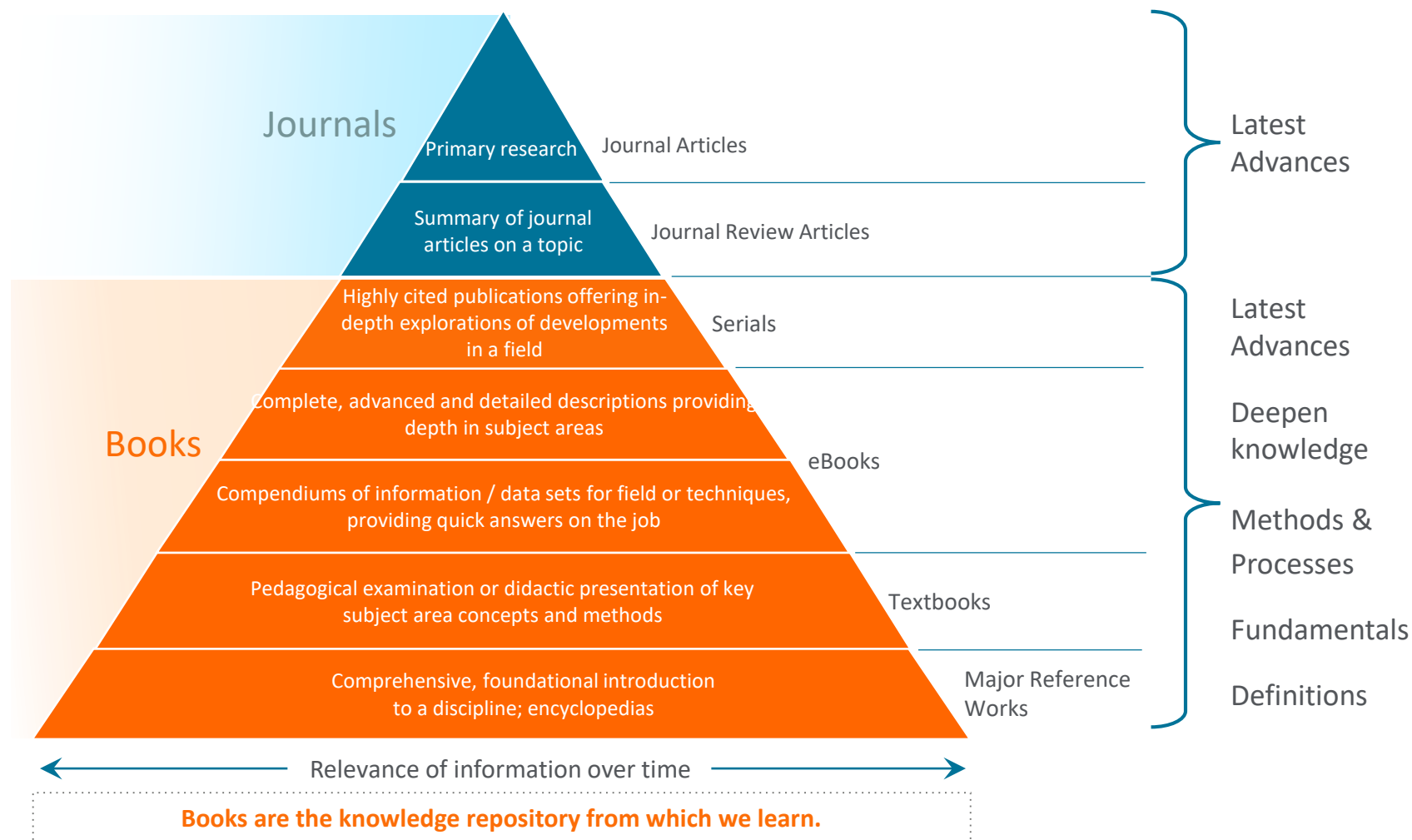
- Several times a week
- Around once a week
- Around once or twice a month
- Once every 2-3 months
- Once every 6 months
- Less often/never

47% of researchers look for **collaborators** outside their field at least once a year



- At least once every 6 months
- Once a year
- Once every 2-3 years
- Less often/never
- It varies

# Researchers Need Different Content Types for Different Steps in Their Workflow



# Exploring Literature Needs

I need to **stay abreast of current research** in order to be able to provide accurate information to my students

I need detailed information that I can use to **prepare my lecture notes** with more reliable data



Professors

I need the tools and content to **master important research skills** that are valued in the real world.



Students

I need to **collaborate** with other researchers around the world



Researchers



Librarians

I must support and **meet the needs of my customers** – faculty, students and researchers

I need to make sure **cost savings and efficiencies** are in place for the institution

## Register

Registration is quick and free. It allows you to personalize these [Elsevier products](#) if you have access. For example, you can stay up-to-date with Search Alerts or keep track of your research with Saved Searches.

This registration form uses Google's new reCAPTCHA test to prevent use by robotic programs. The new reCAPTCHA is designed to be simple and accessible. A significant number of users will pass the reCAPTCHA challenge without having to solve a CAPTCHA. Instead, with just a single click they'll confirm they are not a robot. For the visually impaired, reCAPTCHA provides an audio CAPTCHA option. To register without completing the reCAPTCHA test, please contact [Elsevier Customer Support](#).

(\* = required field)

**Create a unique sign in to use in Elsevier products****Your details**[Privacy policy](#)First name:  \*Family name:  \***E-mail and password**

Enter a password between 5 and 20 characters. Your e-mail address will be your username.

E-mail address:  \*Password:  \*Confirm password:  \*☐ [Show alert & other settings](#)☐ [I wish to receive information from Elsevier B.V. and its affiliates concerning their products and services.](#)

By creating an account you agree to the [Elsevier Terms and Conditions](#) and [Privacy Policy](#).



I'm not a robot

reCAPTCHA  
[Privacy](#) - [Terms](#)**Register**If you are having problems registering, please [contact us](#).[Journals](#)[Books](#)[Sign in](#) ▼[Sign in via your institution](#)[OpenAthens login](#)[Other institution login](#)[Feedback](#)

# Remote Access

## ScienceDirect

### ScienceDirect

Remote access confirmation

Submit Your Email

Submit Your Password

Review Your Email

Activate Your Remote Access

Dear Customer,

Thank you for applying for remote access.

**Sign in to ScienceDirect when you access your page and you will receive long term access anytime, anywhere.**

Click on the link below to activate remote access and verify your email.

[Activate my remote access now!](#)

Please do not forward this message.

Sincerely,  
The ScienceDirect team

**Data Protection Notice:**

This e-mail has been sent to [n.pak@elsevier.com](mailto:n.pak@elsevier.com) from Elsevier B.V., Radenweg 29, 1043 NX Amsterdam, The Netherlands. Reg. No. 33156677, BTW No. NL005033019B01. This confirmation link is for your exclusive use and shall not be forwarded to or shared with anyone else. If you have any questions or require any assistance, [please contact us](#).

Continue

RELX Group™

Feedback 

# ScienceDirect Platform

ScienceDirect

Journals &amp; Books

Nicholas Pak  

Search for peer-reviewed journals, articles, book chapters and [open access](#) content.

[Advanced search](#)

## Search effectively supports the four most frequent research tasks and is available on every page:

- Related articles by searching specific keywords
- A specific author name
- A specific journal/book title
- A specific article by publication/ vol./ issue/ page search

gluconeogenesis is the process that leads to the generation of glucose from a variety of sources such as pyruvate, lactate, glycerol, and certain amino acids.

[Learn about gluconeogenesis >](#)

Explore scientific, technical, and medical research on ScienceDirect

[Physical Sciences and Engineering](#)[Life Sciences](#)[Health Sciences](#)[Social Sciences and Humanities](#)

# The ScienceDirect Advanced Search provides multiple options for more precise information search

#	Feature	Old advanced search	New advanced search
1	Number of field combinations using Boolean AND, OR, NOT	▲ Supports only 2 field combinations	✓ Supports 11 fields that can be combined by Boolean AND & NOT. In future, this will grow to >15
2	Number of Boolean operators	▲ Supports only one operator	✓ Supports unlimited number
3	Nested clauses using parentheses()	✗ Not supported	✓ Supported
4	Exclude operator: minus-hyphen	✗ Not supported	✓ Supported
5	Search for DOI	✗ Not supported	✓ Supported
6	Helpful messages when user makes a mistake	✗ Not supported	✓ Supported
7	In-place editing of advanced search	✗ Not supported	✓ Supported. Easy-to-use UI
8	Quick filtering using left-pane facets	✗ Very slow. Not dynamic	✓ Fast filtering. Dynamic UI
9	Auto-suggestions for journals & books	✗ Not supported	✓ Supported
10	Page performance & response times	✗ Very slow (5 -15 seconds)	✓ Fast response (1-2 seconds)
11	Quality of results	▲ Good	✓ Better Improved by intelligent query handling, better validation and fewer zero results
12	Filter by article types	▲ Limited support Supports only 11 types	✓ Extensive support Supports up to 24 article types
13	Downloading of multiple PDFs on page	▲ Supports only max 20 PDFs	✓ Max 100 PDFs
14	Filter by content type (Journal / Books)	▲ Supported but confusing UI	✓ Supported via article type filters
15	Filter by Subscribed publications	▲ Present but does not work	▲ Coming soon: Feb 2018
16	Filter by subject area category	▲ Present but doesn't work well	▲ Much improved subject area search coming in Q3 2018
17	Multi export of citations	✓ Supported	▲ Coming soon: Mar 2018
18	Display graphical abstracts & highlights	✓ Supported	▲ Coming soon: Mar 2018
19	Search within References	✓ Supported	▲ Coming soon: Mar 2018
	Note: this feature is used by less than 0.3% of advanced search users		
20	Search within Author Affiliation	✓ Supported	▲ Coming soon: Mar 2018
	Note: this feature is used by less than 0.2% of advanced search users		
21	Set-up new email alerts for search	✓ Supported	▲ Coming in Q2-Q3 2018

## Search Functionality

- **Choosing Search Terms**
  - Use specific search terms that are closely related to your research topic
  - Include alternative words and abbreviations
  - Avoid words that are too general
- **Use Boolean Operators**
  - AND
    - Finds documents that contain ALL of the terms
    - Use this when the terms must appear and may be far apart from each other
    - Example: “Geographic Information System” AND urban sustainability
  - OR
    - Finds documents that contain any of the terms
    - Use OR when at least one of the terms must appear (such as synonyms, alternate spellings, or abbreviations)
    - Example: micromouse OR picomouse
    - Example: “S. W. Hawking” OR “Stephen W. Hawking” OR “Stephen Hawking”
  - NOT
    - Excludes documents that include the specified term from the search
    - Use NOT to exclude specific terms. This connector must be used at the end of a search.
    - Example: “particle collisions” AND NOT theoretical
- **Users can combine terms using Boolean operators AND, OR and NOT.**
  - Users can also group terms using parentheses; multi-level nested clauses are supported.
    - Example: (“black hole” OR radiation) AND gravity



## Search Functionality

- **Precedence Rules**

- NOT takes precedence over AND which takes precedence over OR. i.e., NOT>AND>OR.
  - Example: Tesla AND “self-driving cars” OR “self-driving vehicles” (309 results) works, but not “self-driving cars” OR “self-driving vehicles” AND Tesla (664 results)

- **Finding Variations of a Word**

- To search for an specific phrase, enclose the phrase in inverted commas: “South East Asia”
- Using the singular form of a word finds the singular, plural, and possessive forms of most words
- Special characters are included in the search
- Subscript and Superscript: enter subscripted and superscripted characters on the same line as other characters.
  - Example: for the chemical notation “H<sub>2</sub>O,” enter H2O
- Accented Characters: To search for the name Fürst, enter Fürst or Furst.
- Non-alphanumeric Characters: Characters such as hyphens, bullets, arrows, plus signs, and minus signs are ignored unless they are enclosed in brackets.

- **Wildcard Characters**

- Use wildcard characters to search for variations of a word
- Asterisk (\*) replaces multiple characters anywhere in a word; it can be used to replace 0 and more characters: Optim\* [NOTE: This will be supported in Q3-Q4 2018.]
- Users can exclude terms by using the minus-hyphen operator. For example, to find articles related to depression but not economic depression, search for: depression -economics
- To find all articles authored by Heisenberg but not by Sommerfeld, enter the following in the ‘Authors’ search box: Heisenberg -Sommerfeld

## Exercise

- **Sustainable Urban Development and Transportation**
  - 83,247 Document Results – Search for “Sustainable Development”
  - 30,563 Document Results – Search for “Sustainable Development”, use the AND Boolean modifier, and include “Transport\*”
  - 1,109 Document Results – Search for “Sustainable Urban Development”, use the AND Boolean modifier, and include “Transportation”
- **Socio-Culturalism in Financial Inclusive Institutions**
  - 15 Document Results – Search for “Financial Inclusion”, use the AND Boolean modifier and include “socio-culturalism”
- **Integrated Agricultural and Water Resources Management Models**
  - 8 Document Results – Search “Water Resource Management”, use the AND Boolean modifier, and include “Agricultur\*”

## Topic Alerts

### Journal and book-series alerts

Alerts are sent to [n.pak@elsevier.com](mailto:n.pak@elsevier.com). Visit your profile to edit your email.

#### You currently have no Journal and book-series alerts defined.









A Journal alert notifies you by email when a new issue or new articles in press of a particular journal or a new volume of a particular book series or handbook series becomes available on ScienceDirect.

Select the journals and books you are interested in to create Journal and book-series alerts.

### Topic alerts

Alerts are sent to [n.pak@elsevier.com](mailto:n.pak@elsevier.com). Visit your profile to edit your email.

[Add a topic alert](#)

Alert name 	Frequency 	Actions	Content view	RSS
Biomedical Engineering	Weekly	<a href="#">Delete</a>	<a href="#">Latest results</a> <a href="#">Archive/Details</a>	
Civil Engineering	Weekly	<a href="#">Delete</a>	<a href="#">Latest results</a> <a href="#">Archive/Details</a>	
Computational Methods	Weekly	<a href="#">Delete</a>	<a href="#">Latest results</a> <a href="#">Archive/Details</a>	
<input type="checkbox"/> Control Engineering	Weekly	<a href="#">Latest results</a> <a href="#">Archive/Details</a>		
<input type="checkbox"/> Electrical Engineering	Weekly	<a href="#">Latest results</a> <a href="#">Archive/Details</a>		
<input type="checkbox"/> Electronic Engineering	Weekly	<a href="#">Latest results</a> <a href="#">Archive/Details</a>		



# Save Searches

ScienceDirect

Journals

Books

Nicholas Pak



Search all fields

Author name

Journal or book title

Volume

Issue

Page

Advanced search

## Journal and book-series alerts

Alerts are sent to [n.pak@elsevier.com](mailto:n.pak@elsevier.com). Visit your profile to edit your email.

### You currently have no Journal and book-series alerts defined.

A Journal alert notifies you by email when a new issue or new articles in press of a particular journal or a new volume of a particular book series or handbook series becomes available on ScienceDirect.

Select the journals and books you are interested in to create Journal and book-series alerts.

## Topic alerts

Alerts are sent to [n.pak@elsevier.com](mailto:n.pak@elsevier.com). Visit your profile to edit your email.

[Add a topic alert](#)

### You currently have no Topic alerts defined.

A Topic alert notifies you by email when new articles pertaining to a specific topic are available on ScienceDirect.

Select the topics you are interested in to create a Topic alert.

## Search alerts

[Add a search alert](#)

Alert name	Frequency	Actions	Content view	RSS
Automated Ignition System	Weekly	<a href="#">Edit alert</a>   <a href="#">Edit email</a>   <a href="#">Edit search</a>   <a href="#">Delete</a>	<a href="#">Latest results</a> <a href="#">Archive</a>	

## ScienceDirect Personalized Recommender

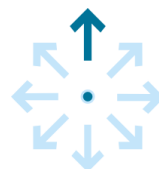
Free Personalized *Recommendations* service uses machine learning and the user's online activity to suggest research tailored to their needs



### How does it work?

Once a researcher has registered, our powerful adaptive algorithm uses the signed-in activity on **ScienceDirect** to understand the user's research interests.

It then searches our database of more than **3,800 journals** and over **37,000 book titles** to find related content. The more frequently someone signs in, the better it gets to know them, and the more relevant the recommendations they'll receive



### Want to try it for yourself?

It's simple:


1. Create an account with **ScienceDirect**
2. Stay signed in while searching and browsing!

# ScienceDirect Personalized Recommender

ScienceDirect

Journals

Books

Nicholas Pak [My recommendations](#) [My alerts](#)[Full list](#)[Preferences](#)[About recommendations](#)[My recommendations](#) [Manage alerts](#)**Details & settings**[My account & privacy](#)[Change password](#)[Sign out](#)

## Personalized recommendations based on your recent signed-in activity

### Concentrated solar thermal power in Saudi Arabia: Definition and simulation of alternative scenarios

**Review article** • Renewable and Sustainable Energy Reviews • Volume 80 • Pages 75-91 • December 2017

Abdulrahman Kassem, Kamal Al-Haddad, Dragan Komljenovic

### Learning deep representations via extreme learning machines

**Original research article** • Neurocomputing • Volume 149, Part A • Pages 308-315 • 3 February 2015

Wenchao Yu, Fuzhen Zhuang, ... Zhongzhi Shi

### Big Data computing and clouds: Trends and future directions

**Original research article** • Journal of Parallel and Distributed Computing • Volumes 79–80 • Pages 3-15 • May 2015

Marcos D. Assunção, Rodrigo N. Calheiros, ... Rajkumar Buyya

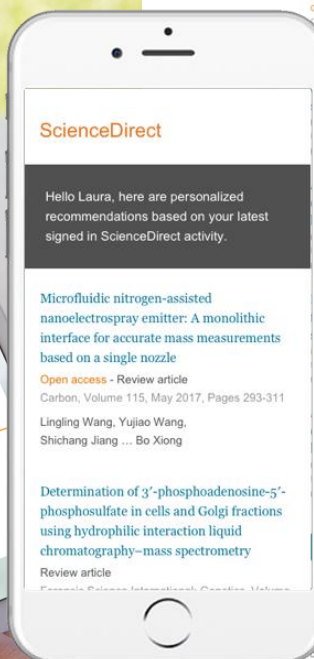
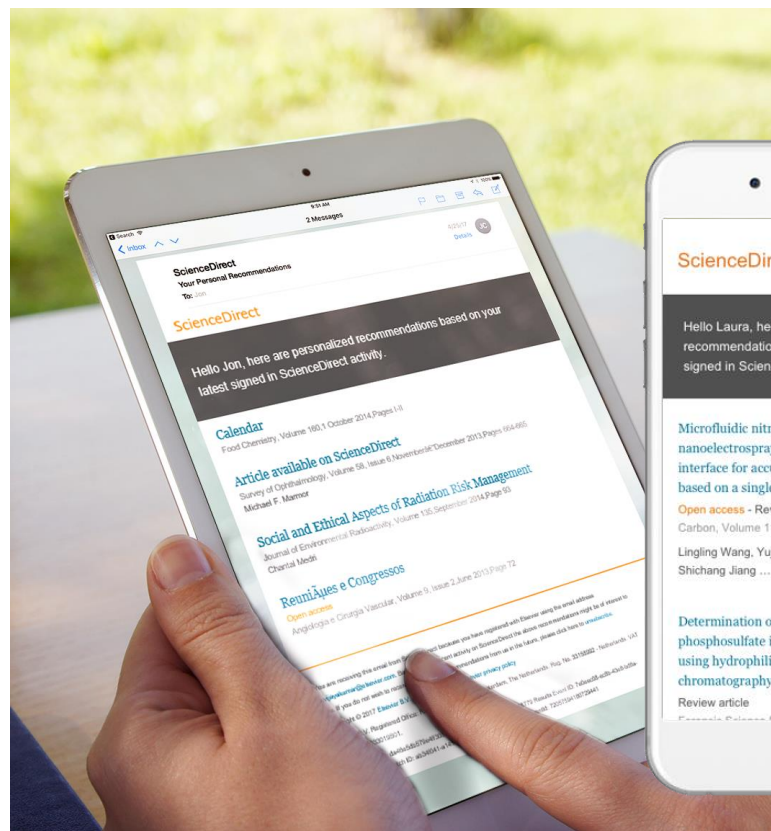
### Critical analysis of Big Data challenges and analytical methods

**Original research article** • **Open access** • Journal of Business Research • Volume 70 • Pages 263-286 • January 2017

Uthayasankar Sivarajah, Muhammad Mustafa Kamal, ... Vishanth Weerakkody

# ScienceDirect Personalized Recommender

Recommendations are delivered to your Inbox, and accessible anywhere you go



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

Genetics, Volume 115, May 2017, Pages 52-70

Kareem Dowood, Ravi Adusumali, Emil Tykesson ... Steven Ray Wilson

olid-phase microextraction coating of sol-gel-derived perhydroxy urbit[6]uril and its application on the determination of polycyclic aromatic hydrocarbon

Review article

Genetics, Volume 115, May 2017, Pages 52-70

Kareem Dowood, Ravi Adusumali, 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

Cell, Volume 65, Issue 3, 2 February 2017, Pages 554-564.e5

Yume Cayla, Thomas Cuijss, Johanne Silvain ... Florence Leclercq

olid-phase microextraction coating of sol-gel-derived perhydroxy urbit[6]uril and its application on the determination of polycyclic aromatic hydrocarbon

Review article

Genetics, Volume 115, May 2017, Pages 52-70

Yume Cayla, Thomas Cuijss, Johanne Silvain ... Florence Leclercq

[View more recommendations >](#)

We are receiving this email from ScienceDirect because you have registered with Elsevier using the email address r.cormely@elsevier.com.

on your recent activity on ScienceDirect the above recommendations might be of interest to you.

If you do not wish to receive personalized recommendations from us in the future, please click here to unsubscribe.

Copyright © 2017 Elsevier B.V. All rights reserved | Elsevier privacy policy

Elsevier B.V. Registered Office: Radarweg 29, 1043NX Amsterdam, The Netherlands. Reg. No. 33150992 - Netherlands. VAT No. NL

005032019801.



## ScienceDirect Personalized Recommender

**More than 1 million researchers are already using our *Recommendations* service. Find out why...**

*“Provided me with articles I had previously not found... gave me new ideas for other application areas of the techniques I’m using...”*

Merlijn Lobbes | Graduate student

*“This morning’s recommendation was relevant to my lecture last week, so we were able to start class by reviewing and adding a new perspective.”*

Sarah Longwell | Faculty

**More information:** <https://www.sciencedirect.com/research-recommendations>

# Journals by Subject Areas

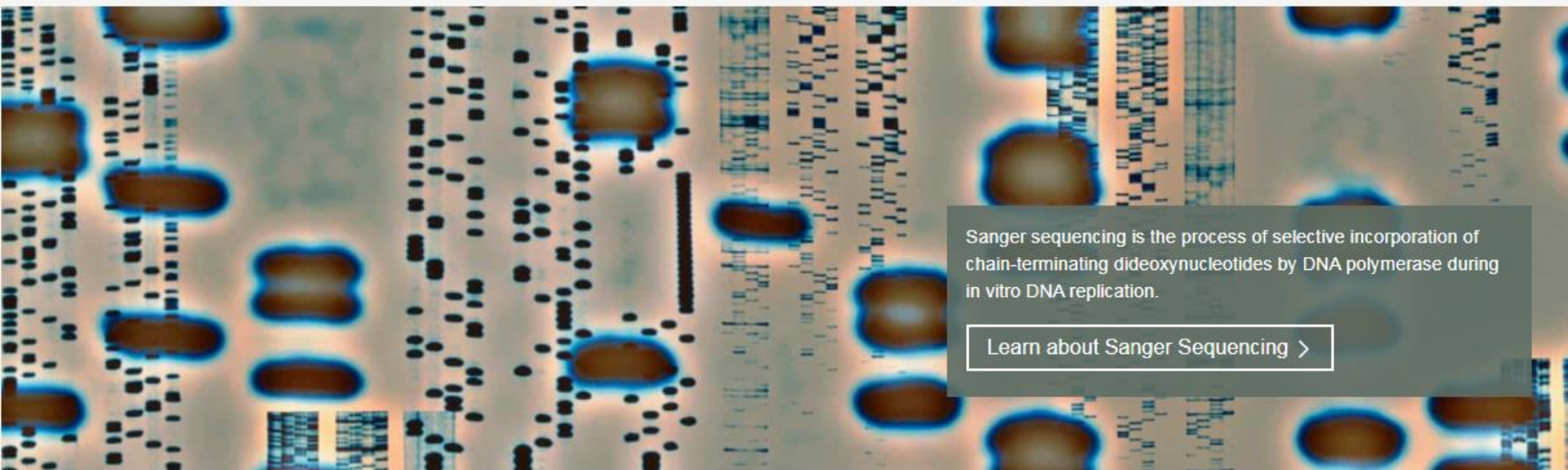
ScienceDirect

Journals

Books

Nicholas Pak 

Search for peer-reviewed journals, articles, book chapters and open access content.

[Advanced search](#) new

Explore scientific, technical, and medical research on ScienceDirect

[Physical Sciences and Engineering](#)[Life Sciences](#)[Health Sciences](#)[Social Sciences and Humanities](#)

# Journals by Subject Areas

ScienceDirect

Journals

Books

Nicholas Pak

      [Advanced search](#)

Publications: 29063 titles found

Electronic Holdings Reports

Filter by subject

- ☐ ☐ Physical Sciences and Engineering
- ☐ ☐ Life Sciences
- ☐ ☐ Health Sciences
- ☐ ☐ Social Sciences and Humanities

Apply

Titles starting with "A"

Display series volume titles

Year

All publications

All access types

AASRI Procedia

Journal

Open Access

Ab Initio Valence Calculations in Chemistry

1974

Book



Abbreviated Guide

1990

Book



ABC Proteins

2003

Book



Abelian Groups (Third Edition)

1960

Book



Abeloff's Clinical Oncology (Fifth Edition)

2014

Book



Abernathy's Surgical Secrets (Sixth Edition)

2009

Book



The Abilities and Achievements of Orientals in North America

1982

Book



Abiotic and Biotic Stresses in Soybean Production

2016

Book



Ableton Live 8 and Suite 8

2009

Book



L'abord vasculaire pour hémodialyse (Deuxième Édition)

2009

Book



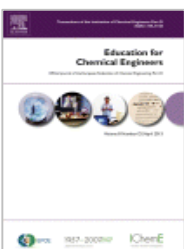
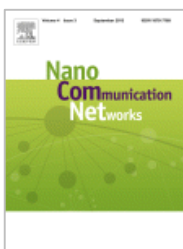
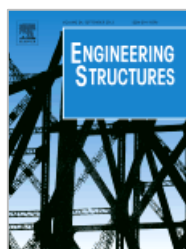
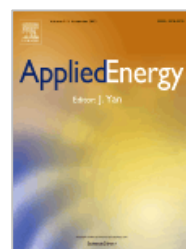
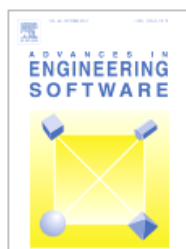
Abelian and Stationary

2004

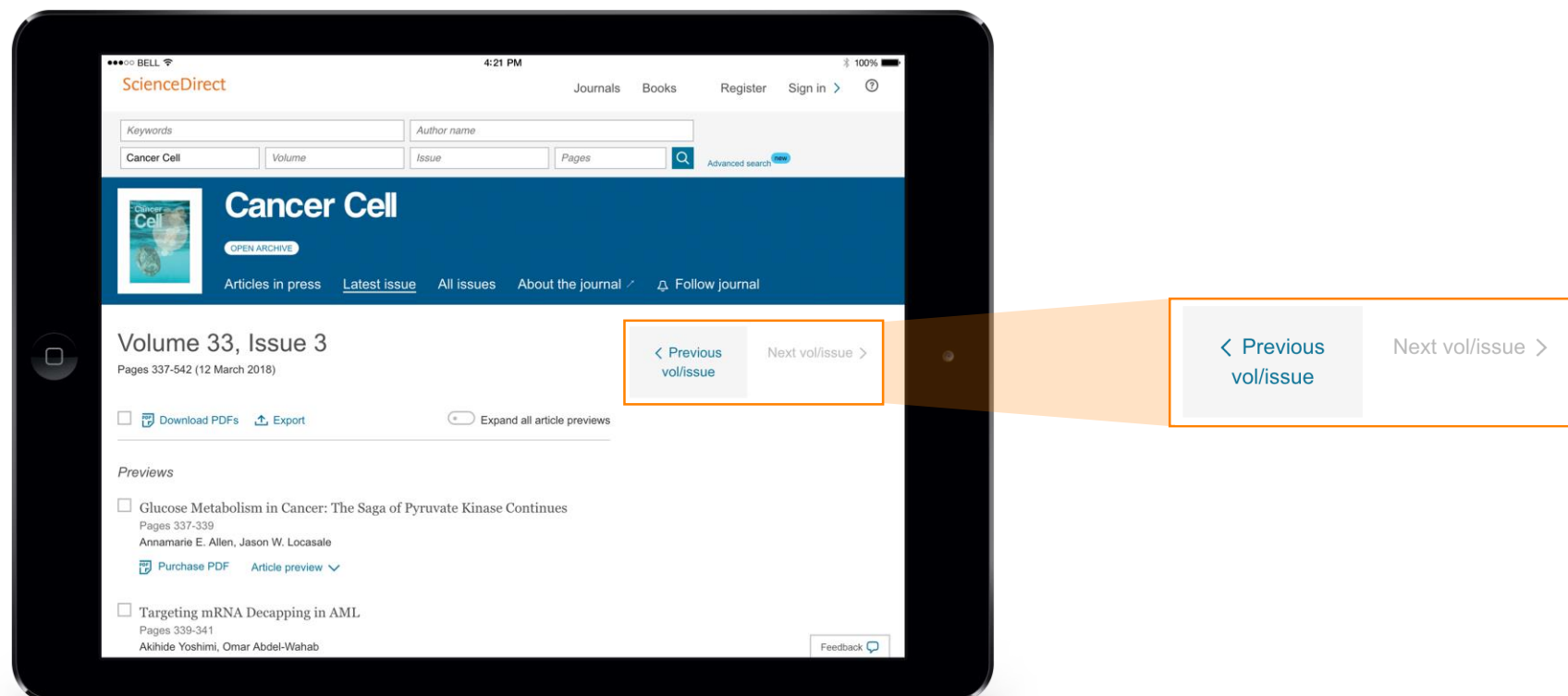
Book



Feedback



## New journal features make browsing through your favorite journals easier





ISSN: 1535-6108

[Submit Your Paper](#)[View Articles](#)[Guide for Authors](#)

Author instructions

[View 'Guide for Authors' online](#)

Useful links

[Journal Finder](#)[Download the 'Understanding the Publishing Process' PDF](#)[Track Your Paper](#)[Order Journal](#)[Sample Issue](#)

# Cancer Cell

*Cancer Cell* publishes reports of novel results in any area of cancer research, from molecular and cellular biology to clinical oncology. The work should be not only of exceptional significance within its field but also of interest to researchers outside the immediate area. In addition, *Cancer Cell* findings...

[Read more](#)[Recent Articles](#) [Most Cited](#)

[CDK4/6 Inhibitors: The Mechanism of Action May Not Be as Simple as Once Thought](#) Mary E. Klein | Marta Kovatcheva | ...

[Tumor Mutational Burden and Efficacy of Nivolumab Monotherapy and in Combination with Ipilimumab in Small-Cell Lung Cancer](#) Matthew D. Hellmann |

Margaret K. Callahan | ...

[NRF2 and the Hallmarks of Cancer](#) Montserrat Rojo de la Vega | Eli Chapman | ...

[View All Recent Articles](#)9-14 JULY 2018,  
TOULOUSE, FRANCEREGISTER  
NOW!



[Instructions for Reviewers](#)

## Cancer Cell

Welcome to our online submission and editorial system. For manuscript guidelines and to read the latest research and reviews, please go to: [www.cell.com/cancer-cell](http://www.cell.com/cancer-cell).

Having trouble? Please call 617.397.2814 or send an email to [cancer@cell.com](mailto:cancer@cell.com).

[LOG IN](#)[REGISTER](#)

**First-time users:** Please click on the "REGISTER" button to the left on this page and enter the requested information. Upon successful registration, you will be sent an e-mail with instructions to verify your registration. NOTE: If you received an e-mail from us with an assigned user ID and password, DO NOT REGISTER AGAIN. Simply use that information to login. Usernames and passwords may be changed after registration (see instructions below).

**Repeat users:** Please click the "LOG IN" button on the left and proceed as appropriate.

**Authors:** Please click the "LOG IN" button on the left and login to the system as "Author." You may then submit your manuscript and track its progress through the system.

**Reviewers:** Please click the "LOG IN" button on the left and login to the system as "Reviewer." You may then view and/or download manuscripts assigned to you for review or submit your comments to the editor and the authors.

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.

## Search Results

ScienceDirect

Journals

Books

Nicholas Pak



sustainable development

Author name

Journal/book title

Volume

Issue

Pages



Advanced search

792,745 results

Refine by:

Years

☐ 2018 (5,855)☐ 2017 (71,159)☐ 2016 (61,683)

Show more

Article type

☐ Review articles (80,420)☐ Original research (494,488)☐ Encyclopedia (13,956)☐ Book chapters (89,736)

Show more

Publication title

☐ The Lancet (8,097)☐ Journal of Cleaner Production (7,493)☐ Renewable and Sustainable Energy Reviews (7,294)

Show more

Access type

☐ Open access (70,475)☐ Open archive (23,775)

Download 25 articles

sorted by *relevance* | *date*

Accounting and sustainable development: Reflections and propositions

Original research article

Critical Perspectives on Accounting, Volume 48, October 2017, Pages 21-34

Jan Bebbington, Shona Russell, Ian Thomson

Download PDF (437 KB)

Abstract

Cite

Export

&gt; Save to RefWorks

&gt; Export citation to RIS

&gt; Export citation to BibTeX

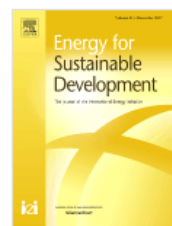
&gt; Export citation to text

future scholarship; and an exploration of how we might conceptualise 'engagement' with practice in this context (and what is meant by practice and practitioner). Taken together, this paper seeks to provide points of provocation and encouragement to social and environmental accountants, critical accounting scholars and to those seeking to understand sustainable development scholarship and action.

c literature review

uelhas, Waler Leal Filho

Suggested Journals:



View all

1 Search Results

2 Search Refine  
(Limit to or Exclude)3 Sorting Option  
(Relevance/Date)4 Display Article Pages  
(Download PDF |  
Abstract | Cite)

5 Download Multiple PDFs

6 Suggested Journals

# Enhanced Reader on ScienceDirect

## Author Data Integration

Evaluate article, evaluate others, stay up-to-date, connect with the right

Online Figures (4) Tables (6) Citing articles (11) Recommendations 1 / 14 pages Save PDF

Authors (11/12)

Ralph Eric Thijl Vanstreels

Laboratory of Wildlife Comparative Pathology (LAWCOM), Department of Pathology, School...

Show more

More documents by author:

- Rhinomyxus sphenoides (Acari)
- Rhinomyxus sphenoides in Magellanic Penguin (Spheniscus magellanicus)
- 19 Oct 2017, Parasitology
- Open PDF Save PDF

The blood parasites infect Magellanic penguins (Spheniscus magellanicus) in the wild? Prospective investigation and climatogeographic considerations

19 Oct 2017, Parasitology

Open PDF Save PDF

Avian Infectious in Wild Birds from South America: Review, Implications and Recommendations

ARTICLE INFO ABSTRACT

## Reference Linking

Evaluate and read article, evaluate others, stay up-to-date

Online Citing articles (11) Recommendations 1 / 14 pages Save PDF

References (12)

11. N.M. Best, S.D. Goldworthy

What is causing the decline of little penguins (Eudyptula minor) on Granite Island, South Australia?

11.10.1000/0000000000000000

View article on ScienceDirect

Marine Ornithology

(Journal) August 2007, Volume 35, Issue 1

Open PDF Save PDF

Abstract

We investigated the distribution and abundance of Little Penguins Eudyptula minor at 12 known colony locations on mainland southeastern Tasmania, Australia. Surveys of scientific journals, unpublished field surveys and records were compiled to assess the historical distribution (before 1996) of this species within a 150-km radius of Hobart. Current status of each site was

ARTICLE INFO ABSTRACT

## Figure/Media Viewer

Evaluate and read article

Online Figures (4) Tables (6) Citing articles (11) Recommendations 1 / 14 pages Save PDF

Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Fig. 6

Fig. 7

Fig. 8

Fig. 9

Fig. 10

Fig. 11

Fig. 12

Fig. 13

Fig. 14

Fig. 15

Fig. 16

Fig. 17

Fig. 18

Fig. 19

Fig. 20

Fig. 21

Fig. 22

Fig. 23

Fig. 24

Fig. 25

Fig. 26

Fig. 27

Fig. 28

Fig. 29

Fig. 30

Fig. 31

Fig. 32

Fig. 33

Fig. 34

Fig. 35

Fig. 36

Fig. 37

Fig. 38

Fig. 39

Fig. 40

Fig. 41

Fig. 42

Fig. 43

Fig. 44

Fig. 45

Fig. 46

Fig. 47

Fig. 48

Fig. 49

Fig. 50

Fig. 51

Fig. 52

Fig. 53

Fig. 54

Fig. 55

Fig. 56

Fig. 57

Fig. 58

Fig. 59

Fig. 60

Fig. 61

Fig. 62

Fig. 63

Fig. 64

Fig. 65

Fig. 66

Fig. 67

Fig. 68

Fig. 69

Fig. 70

Fig. 71

Fig. 72

Fig. 73

Fig. 74

Fig. 75

Fig. 76

Fig. 77

Fig. 78

Fig. 79

Fig. 80

Fig. 81

Fig. 82

Fig. 83

Fig. 84

Fig. 85

Fig. 86

Fig. 87

Fig. 88

Fig. 89

Fig. 90

Fig. 91

Fig. 92

Fig. 93

Fig. 94

Fig. 95

Fig. 96

Fig. 97

Fig. 98

Fig. 99

Fig. 100

Fig. 101

Fig. 102

Fig. 103

Fig. 104

Fig. 105

Fig. 106

Fig. 107

Fig. 108

Fig. 109

Fig. 110

Fig. 111

Fig. 112

Fig. 113

Fig. 114

Fig. 115

Fig. 116

Fig. 117

Fig. 118

Fig. 119

Fig. 120

Fig. 121

Fig. 122

Fig. 123

Fig. 124

Fig. 125

Fig. 126

Fig. 127

Fig. 128

Fig. 129

Fig. 130

Fig. 131

Fig. 132

Fig. 133

Fig. 134

Fig. 135

Fig. 136

Fig. 137

Fig. 138

Fig. 139

Fig. 140

Fig. 141

Fig. 142

Fig. 143

Fig. 144

Fig. 145

Fig. 146

Fig. 147

Fig. 148

Fig. 149

Fig. 150

Fig. 151

Fig. 152

Fig. 153

Fig. 154

Fig. 155

Fig. 156

Fig. 157

Fig. 158

Fig. 159

Fig. 160

Fig. 161

Fig. 162

Fig. 163

Fig. 164

Fig. 165

Fig. 166

Fig. 167

Fig. 168

Fig. 169

Fig. 170

Fig. 171

Fig. 172

Fig. 173

Fig. 174

Fig. 175

Fig. 176

Fig. 177

Fig. 178

Fig. 179

Fig. 180

Fig. 181

Fig. 182

Fig. 183

Fig. 184

Fig. 185

Fig. 186

Fig. 187

Fig. 188

Fig. 189

Fig. 190

Fig. 191

Fig. 192

Fig. 193

Fig. 194

Fig. 195

Fig. 196

Fig. 197

Fig. 198

Fig. 199

Fig. 200

Fig. 201

Fig. 202

Fig. 203

Fig. 204

Fig. 205

Fig. 206

Fig. 207

Fig. 208

Fig. 209

Fig. 210

Fig. 211

Fig. 212

Fig. 213

Fig. 214

Fig. 215

Fig. 216

Fig. 217

Fig. 218

Fig. 219

Fig. 220

Fig. 221

Fig. 222

Fig. 223

Fig. 224

Fig. 225

Fig. 226

Fig. 227

Fig. 228

Fig. 229

Fig. 230

Fig. 231

Fig. 232

Fig. 233

Fig. 234

Fig. 235

Fig. 236

Fig. 237

Fig. 238

Fig. 239

Fig. 240

Fig. 241

Fig. 242

Fig. 243

Fig. 244

Fig. 245

Fig. 246

Fig. 247

Fig. 248

Fig. 249

Fig. 250

Fig. 251

Fig. 252

Fig. 253

Fig. 254

Fig. 255

Fig. 256

Fig. 257

Fig. 258

Fig. 259

Fig. 260

Fig. 261

Fig. 262

Fig. 263

Fig. 264

Fig. 265

Fig. 266

Fig. 267

Fig. 268

Fig. 269

Fig. 270

Fig. 271

Fig. 272

Fig. 273

Fig. 274

Fig. 275

Fig. 276

Fig. 277

Fig. 278

Fig. 279

Fig. 280

Fig. 281

Fig. 282

Fig. 283

Fig. 284

Fig. 285

Fig. 286

Fig. 287

Fig. 288

Fig. 289

Fig. 290

Fig. 291

Fig. 292

Fig. 293

Fig. 294

Fig. 295

Fig. 296

Fig. 297

Fig. 298

Fig. 299

Fig. 300

Fig. 301

Fig. 302

Fig. 303

Fig. 304

Fig. 305

Fig. 306

Fig. 307

Fig. 308

Fig. 309

Fig. 310

Fig. 311

Fig. 312

Fig. 313

Fig. 314

Fig. 315

Fig. 316

Fig. 317

Fig. 318

Fig. 319

Fig. 320

Fig. 321

Fig. 322

Fig. 323

Fig. 324

Fig. 325

Fig. 326

Fig. 327

Fig. 328

Fig. 329

Fig. 330

Fig. 331

Fig. 332

Fig. 333

Fig. 334

Fig. 335

Fig. 336

Fig. 337

Fig. 338

Fig. 339

Fig. 340

Fig. 341

Fig. 342

Fig. 343

Fig. 344

Fig. 345

Fig. 346

Fig. 347

Fig. 348

Fig. 349

Fig. 350

Fig. 351

Fig. 352

Fig. 353

Fig. 354

Fig. 355

Fig. 356

Fig. 357

Fig. 358

Fig. 359

Fig. 360

Fig. 361

Fig. 362

Fig. 363

Fig. 364

Fig. 365

Fig. 366

Fig. 367

Fig. 368

Fig. 369

Fig. 370

Fig. 371

Fig. 372

Fig. 373

Fig. 374

Fig. 375

Fig. 376

Fig. 377

Fig. 378

Fig. 379

Fig. 380

Fig. 381

Fig. 382

Fig. 383

Fig. 384

Fig. 385

Fig. 386

Fig. 387

Fig. 388

Fig. 389

Fig. 390

Fig. 391

Fig. 392

Fig. 393

Fig. 394

Fig. 395

Fig. 396

Fig. 397

Fig. 398

Fig. 399

Fig. 400

Fig. 401

Fig. 402

Fig. 403

Fig. 404

Fig. 405

Fig. 406

Fig. 407

Fig. 408

Fig. 409

Fig. 410

Fig. 411

Fig. 412

Fig. 413

Fig. 414

Fig. 415

Fig. 416

Fig. 417

Fig. 418

Fig. 419

Fig. 420

Fig. 421

Fig. 422

Fig. 423

Fig. 424

Fig. 425

Fig. 426

Fig. 427

Fig. 428

Fig. 429

Fig. 430

Fig. 431

Fig. 432

Fig. 433

Fig. 434

Fig. 435

Fig. 436

Fig. 437

Fig. 438

Fig. 439

Fig. 440

Fig. 441

Fig. 442

Fig. 443

Fig. 444

Fig. 445

Fig. 446

Fig. 447

Fig. 448

Fig. 449

Fig. 450

Fig. 451

Fig. 452

Fig. 453

Fig. 454

Fig. 455

Fig. 456

Fig. 457

Fig. 458

Fig. 459

Fig. 460

Fig. 461

Fig. 462

Fig. 463

Fig. 464

Fig. 465

Fig. 466

Fig. 467

Fig. 468

Fig. 469

Fig. 470

Fig. 471

Fig. 472

Fig. 473

Fig. 474

Fig. 475

Fig. 476

Fig. 477

Fig. 478

Fig. 479

Fig. 480

Fig. 481

Fig. 482

Fig. 483

Fig. 484

Fig. 485

Fig. 486

Fig. 487

Fig. 488

Fig. 489

Fig. 490

Fig. 491

Fig. 492

Fig. 493

Fig. 494

Fig. 495

Fig. 496

Fig. 497

Fig. 498

Fig. 499

Fig. 500

Fig. 501

Fig. 502

Fig. 503

Fig. 504

Fig. 505

Fig. 506

Fig. 507

Fig. 508

Fig. 509

Fig. 510

Fig. 511

Fig. 512

Fig. 513

Fig. 514

Fig. 515

Fig. 516

Fig. 517

Fig. 518

Fig. 519

Fig. 520

Fig. 521

Fig. 522

Fig. 523

Fig. 524

Fig. 525

Fig. 526

Fig. 527

Fig. 528

Fig. 529

Fig. 530

Fig. 531

Fig. 532

Fig. 533

Fig. 534

Fig. 535

Fig. 536

Fig. 537

Fig. 538

Fig. 539

Fig. 540

Fig. 541

Fig. 542

Fig. 543

Fig. 544

Fig. 545

Fig. 546

Fig. 547

Fig. 548

Fig. 549

Fig. 550

Fig. 551

Fig. 552

Fig. 553

Fig. 554

Fig. 555

Fig. 556

Fig. 557

Fig. 558

Fig. 559

Fig. 560

Fig. 561

Fig. 562

Fig. 563

Fig. 564

Fig. 565

Fig. 566

Fig. 567

Fig. 568

Fig. 569

Fig. 570

Fig. 571

Fig. 572

Fig. 573

Fig. 574

Fig. 575

Fig. 576

Fig. 577

Fig. 578

Fig. 579

Fig. 580

Fig. 581

Fig. 582

Fig. 583

Fig. 584

Fig. 585

Fig. 586

Fig. 587

Fig. 588

Fig. 589

Fig. 590

Fig. 591

Fig. 592

Fig. 593

Fig. 594

Fig. 595

Fig. 596

Fig. 597

Fig. 598

Fig. 599

Fig. 600

Fig. 601

Fig. 602

Fig. 603

Fig. 604

Fig. 605

Fig. 606

Fig. 607

Fig. 608

Fig. 609

Fig. 610

Fig. 611

Fig. 612

Fig. 613

Fig. 614

Fig. 615

Fig. 616

Fig. 617

Fig. 618

Fig. 619

Fig. 620

Fig. 621

Fig. 622

Fig. 623

Fig. 624

Fig. 625

Fig. 626

Fig. 627

Fig. 628

Fig. 629

Fig. 630

Fig. 631

Fig. 632

Fig. 633

Fig. 634

Fig. 635

Fig. 636

Fig. 637

Fig. 638

Fig. 639

Fig. 640

Fig. 641

Fig. 642

Fig. 643

Fig. 644

Fig. 645

Fig. 646

Fig. 647

Fig. 648

Fig. 649

Fig. 650

Fig. 651

Fig. 652

Fig. 653

Fig. 654

Fig. 655

Fig. 656

Fig. 657

Fig. 658

Fig. 659

Fig. 660

Fig. 661

Fig. 662

Fig. 663

Fig. 664

Fig. 665

Fig. 666

Fig. 667

Fig. 668

Fig. 669

Fig. 670

Fig. 671

Fig. 672

Fig. 673

Fig. 674

Fig. 675

Fig. 676

Fig. 677

Fig. 678

Fig. 679

Fig. 680

Fig. 681

Fig. 682

Fig. 683

Fig. 684

Fig. 685

Fig. 686

Fig. 687

Fig. 688

Fig. 689

Fig. 690

Fig. 691

Fig. 692

Fig. 693

Fig. 694

Fig. 695

Fig. 696

Fig. 697

Fig. 698

Fig. 699

Fig. 700

Fig. 701

Fig. 702

Fig. 703

Fig. 704

Fig. 705

Fig. 706

Fig. 707

Fig. 708

Fig. 709

Fig. 710

Fig. 711

Fig. 712

Fig. 713

Fig. 714

Fig. 715

Fig. 716

Fig. 717

Fig. 718

Fig. 719

Fig. 720

Fig. 721

Fig. 722

Fig. 723

Fig. 724

Fig. 725

Fig. 726

Fig. 727

Fig. 728

Fig. 729

Fig. 730

Fig. 731

Fig. 732

Fig. 733

Fig. 734

Fig. 735

Fig. 736

Fig. 737

Fig. 738

Fig. 739

Fig. 740

Fig. 741

Fig. 742

Fig. 743

Fig. 744

Fig. 745

Fig. 746

Fig. 747

Fig. 748

Fig. 749

Fig. 750

Fig. 751

Fig. 752

Fig. 753

Fig. 754

Fig. 755

Fig. 756

Fig. 757

Fig. 758

Fig. 759

Fig. 760

Fig. 761

Fig. 762

Fig. 763

Fig. 764

Fig. 765

Fig. 766

Fig. 767

Fig. 768

Fig. 769

Fig. 770

Fig. 771

Fig. 772

Fig. 773

Fig. 774

Fig. 775

Fig. 776

Fig. 777

Fig. 778

Fig. 779

Fig. 780

Fig. 781

Fig. 782

Fig. 783

Fig. 784

Fig. 785

Fig. 786

Fig. 787

Fig. 788

Fig. 789

Fig. 790

Fig. 791

Fig. 792

Fig. 793

Fig. 794

Fig. 795

Fig. 796

Fig. 797

Fig. 798

Fig. 799

Fig. 800

Fig. 801

Fig. 802

Fig. 803

Fig. 804

Fig. 805

Fig. 806

Fig. 807

Fig. 808

Fig. 809

Fig. 810

Fig. 811

Fig. 812

Fig. 813

Fig. 814

Fig. 815

Fig. 816

Fig. 817

Fig. 818

Fig. 819

Fig. 820

Fig. 821

Fig. 822

Fig. 823

Fig. 824

Fig. 825

Fig. 826

Fig. 827

Fig. 828

Fig. 829

Fig. 830

Fig. 831

Fig. 832

Fig. 833

Fig. 834

Fig. 835

Fig. 836

Fig. 837

Fig. 838

Fig. 839

Fig. 840

Fig. 841

Fig. 842

Fig. 843

Fig. 844

Fig. 845

Fig. 846

Fig. 847

Fig. 848

Fig. 849

Fig. 850

Fig. 851

Fig. 852

Fig. 853

Fig. 854

Fig. 855

Fig. 856

Fig. 857

Fig. 858

Fig. 859

Fig. 860

Fig. 861

Fig. 862

Fig. 863

Fig. 864

Fig. 865

Fig. 866

Fig. 867

Fig. 868

Fig. 869

Fig. 870

Fig. 871

Fig. 872

Fig. 873

Fig. 874

Fig. 875

Fig. 876

Fig. 877

Fig. 878

Fig. 879

Fig. 880

Fig. 881

Fig. 882

Fig. 883

Fig. 884

Fig. 885

Fig. 886

Fig. 887

Fig. 888

Fig. 889

Fig. 890

Fig. 891

Fig. 892

Fig. 893

Fig. 894

Fig. 895

Fig. 896

Fig. 897

Fig. 898

Fig. 899

Fig. 900

Fig. 901

Fig. 902

Fig. 903

Fig. 904

Fig. 905

Fig. 906

Fig. 907

Fig. 908

Fig. 909

Fig. 910

Fig. 911

Fig. 912

Fig. 913

Fig. 914

Fig. 915

Fig. 916

Fig. 917

Fig. 918

Fig. 919

Fig. 920

Fig. 921

Fig. 922

Fig. 923

Fig. 924

Fig. 925

Fig. 926

Fig. 927

Fig. 928

Fig. 929

Fig. 930

Fig. 931

Fig. 932

Fig. 933

Fig. 934

Fig. 935

Fig. 936

Fig. 937

Fig. 938

Fig. 939

Fig. 940

Fig.





## Provides easy navigation

- #### 4 Author Information

# Use the Intuitive Online Article Format



## Article outline

☐ Show full outline

[Abstract](#)
[Abbreviations](#)
[Keywords](#)
[1. Introduction](#)
[2. Applying real options valuation to t...](#)
[3. Valuation of licensing in aerospace...](#)
[4. The fuzzy linguistic ontology doma...](#)
[5. Ontology object and data properties](#)
[6. Real options valuation utilizing FL...](#)
[7. An aerospace example of FLOPM ...](#)
[8. Conclusions](#)
[References](#)

## Figures and tables



1



that a particular facility has a *Quantity\_Of* instance relating a particular item with a specific number. It is also necessary to be able to associate each air base with an ordered list of remote supply facilities available to provide additional parts. We further develop the supplier network by identifying the participating suppliers that will contribute to the costs and quantity of parts involved in the manufacturing and maintenance of the aircrafts as seen in Fig. 3.

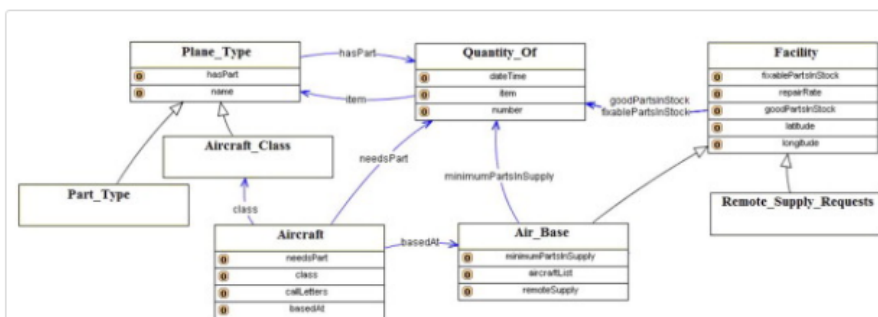


Fig. 2.

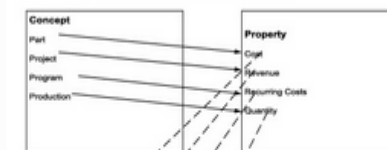
The fuzzy aircraft entity relationship diagram and attributes for quantity and unit part costs.



3

[next figure »](#)

## Ontology structure for real options



## Fuzzy linguistic variable ontology

(Cost, (very optimistic, little pessimistic...))  
 (Revenue, (very likely, very pessimistic...))  
 (Assuming costs, (not likely, not optimistic...))  
 (Quantity, (little optimistic, little likely...))

Property → Value

Ontology structure for real options.

[View in article](#)
[View full-size image](#)

2

[Figure options](#)
[Download full-size image](#)
[Download as PowerPoint slide](#)

1 Articles

2 Download image  
Image / Powerpoint format

3 More Options

# Download Multiple PDFs

ScienceDirect

Journals

Books

Nicholas Pak



{big data}

Author name

Journal/book title

Volume

Issue

Pages



Advanced search

583,065 results

Download 25 articles

sorted by relevance | date

Refine by:

Years

☐ 2018 (6,537)☐ 2017 (53,256)☐ 2016 (44,843)

Show more

Article type

☐ Review articles (25,569)☐ Research articles (446,007)☐ Encyclopedia (4,474)☐ Book chapters (47,837)

Show more

Publication title

☐ IFAC Proceedings Volumes (4,707)☐ Procedia - Social and Behavioral Sciences (3,796)☐ Physics Letters B (3,150)

Show more

Access type

☐ Open access (44,556)☐ Open archive (15,216)

## Batch Download and Automatic Naming

- Download multiple PDF files in a Zip folder
- Maximum number of PDF files – 25 per download

The journal of storage management systems, Volume 1, Number 1, December 2017, Pages 1-2

Wendy Arianne Günther, Mohammad H. Rezazade Mehrizi, Marleen Huysman, Frans Feldberg

Download PDF (1,509 KB) Abstract Export Citation

### Big Remotely Sensed Data: tools, applications and experiences

Research article

Remote Sensing of Environment, Volume 202, 1 December 2017, Pages 1-2

F. Casu, M. Manunta, P.S. Agram, R.E. Crippen

Download PDF (111 KB) Abstract Export Citation

### The role of big data analytics in Internet of Things

Research article

Computer Networks, Volume 129, Part 2, 24 December 2017, Pages 459-471

Ejaz Ahmed, Ibrar Yaqoob, Ibrahim Abaker Targio Hashem, Imran Khan, ... Athanasios V. Vasilakos

Download PDF (1,689 KB) Abstract Export Citation

### Big data analytics in supply chain management between 2010 and 2016: Insights to industries

Short communication

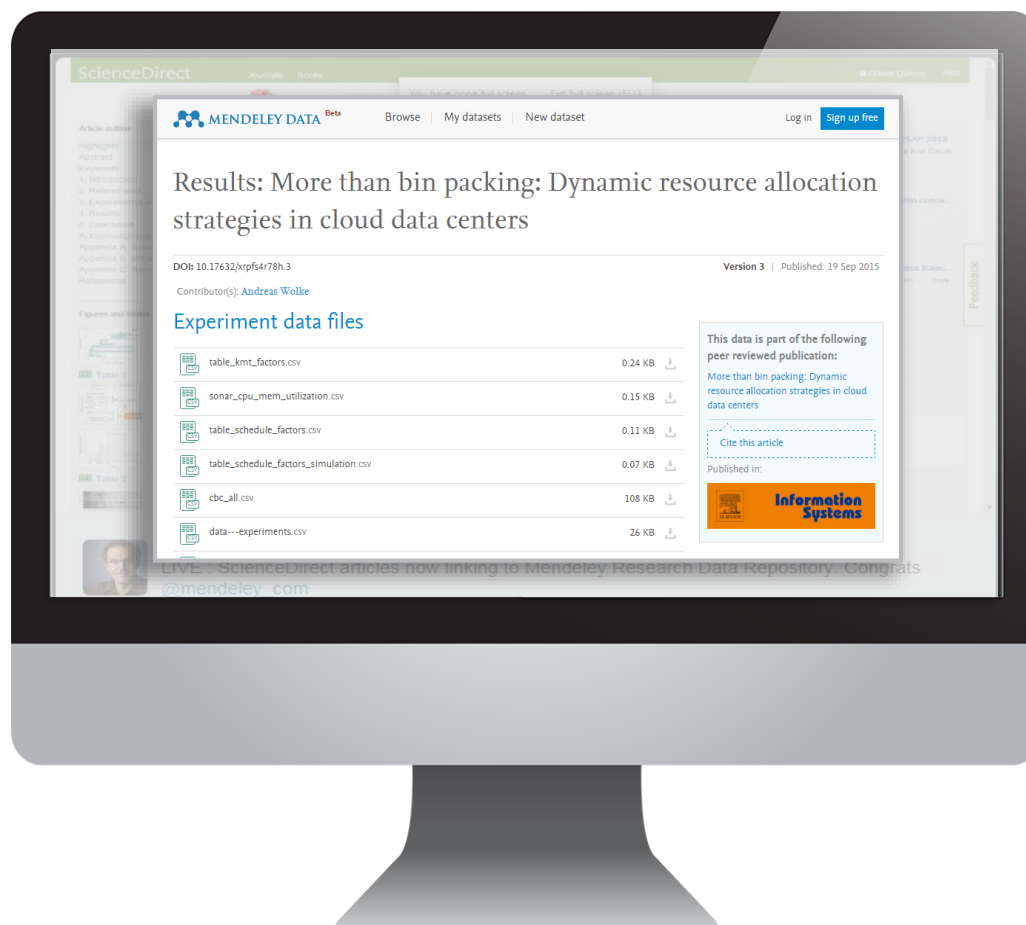
Computers &amp; Industrial Engineering, Volume 115, January 2018, Pages 319-330

Sunil Tiwari, H.M. Wee, Yosef Daryanto

Download PDF (468 KB) Abstract Export Citation

# ScienceDirect is becoming Personal, Social and Connected

Example: Authors can Access and Integrate Data Sets with Mendeley Data



**Make the process quick and easy**

Authors can easily share data



**Give access to the detail**

Researchers have access to data

# Topic Pages Index

ScienceDirect

Journals &amp; Books

Nicholas Pak 

## Topic Index

< A B C D E F G H I J K L M N O P Q R S T U V W X Y Z B Δ K M Φ % ( - 1 2 3 4 5 >

### E

Type to filter

- E isomer
- E Region
- E-64 (Agricultural and Biological Sciences)
- E-64 (Medicine and Dentistry)
- E-64 (Neuroscience)
- E-box (Biochemistry, Genetics and Molecular Biology)
- E-box (Neuroscience)
- e-Health
- E-selectin (Agricultural and Biological Sciences)
- E-selectin (Biochemistry, Genetics and Molecular Biology)
- E-selectin (Immunology and Microbiology)
- E-selectin (Neuroscience)
- E-selectin (Pharmacology, Toxicology and Pharmaceutical Science)

# ScienceDirect Topics helps researchers uncover critical and contextual information within their workflow

**Clinical Neurology and Neurosurgery**  
Volume 109, Issue 2, February 2007, Pages 206–209

Case report  
**Recurrent limbic and extralimbic encephalitis associated with thymoma**

Kenji Okita<sup>a</sup>, Noriaki Matsukawa<sup>a</sup>, Manabu Hatton<sup>a</sup>, Kentaro Yamada<sup>a</sup>, Koji Takada<sup>a</sup>, Takemori Yamawaki<sup>a</sup>, Mari Yoshida<sup>a</sup>, Yoshio Hashizume<sup>a</sup>, Kosei Ojika<sup>a</sup>

[Show more](#)

<http://dx.doi.org/10.1016/j.clineuro.2006.09.007> [Get rights and content](#)

**Abstract**  
A 33-year-old woman, with a 7-year clinical history of invasive thymoma treated at ages 26 and 30 years by thymectomy and radiation, presented with a generalized convulsion and loss of consciousness. Following the seizure there was no neurological deficit and normal tendon reflexes. Magnetic resonance imaging (MRI) of the brain without gadolinium enhancement revealed multiple small lesions of high signal intensity on T2 and diffusion weighted images located in the cortical area beyond the temporal lobes. Brain biopsy demonstrated encephalitis with activated microglia and activated T-cell infiltration. Within 4 months of treatment with nothing other than anticonvulsant therapy,

ScienceDirect Journals Books

Back to article > Encephalitis

## Encephalitis

Encephalitis is an acute inflammation of the brain, commonly caused by a viral infection.  
From: *Encyclopedia of Neuroscience*, 2009

**1**

**Related terms**  
Enterovirus, HSV, Herpes simplex virus type 1, Viral encephalitis, Bulbar polio, Epidemic parotitis, Aseptic meningitis, Herpes simplex virus 1

**2**

**Learn more about Encephalitis**

### Encephalitis

Karen L. Roos, in *Handbook of Clinical Neurology*, 2014.

**Introduction**  
Encephalitis is an infectious or inflammatory disorder of the brain manifest by fever and headache and associated with a depressed level of consciousness, an altered mental status (confusion, behavioral abnormalities), focal neurologic deficits, or new onset seizure activity.

This chapter will address the viral etiologies of encephalitis. Other chapters in this volume address the bacterial, fungal, spirochetal, and parasitic etiologies of encephalitis. The California Encephalitis Project was initiated in 1998 to improve the

### 3 Viral Infections

Karen L. Roos, in *Textbook of Clinical Neurology (Third Edition)*, 2007.

**Western Equine Encephalitis**  
Western equine encephalitis tends to occur in children younger than age 1 year and in adults older than age 50.<sup>54</sup> Inapparent infections with western equine encephalitis virus are more common than symptomatic cases. Like the other arthropod-borne encephalitides, western equine encephalitis begins with an influenza-like syndrome of fever, malaise, myalgias, pharyngitis, and vomiting. As the disease progresses, irritability, convulsions, or coma develops.<sup>49</sup>

## Key Features:

1. Overall clear definition
2. Related terms (to topic pages)
3. Learn more on topic
  - 10 longer definitions
  - Related/ relevant reading

Live in Neuroscience,  
Biomedical Sciences and Life  
Sciences June 2017

# 1. Quick Definition

## Cell membrane

The cell membrane is a selectively permeable biological membrane found inside the cell wall and surrounding the cytoplasm.

From: [Atlas of Oral Microbiology, 2015](#)

ScienceDirect

[Back to previous page](#) > [Cell membrane](#)

### Cell membrane

The cell membrane is a selectively permeable biological membrane found inside the cell wall and surrounding the cytoplasm.

From: [Atlas of Oral Microbiology, 2015](#)

#### Related terms

Macrophages, Amygdala, Basolateral amygdala, EGF, Amino Acids, BFGF, F4/80, Peptidase, Receptor agonist, EGFR

[Learn more about Cell membrane](#)

#### Structure and Composition of Microbes\*

J.P. Coleman, C.J. Smith, In *Reference Module in Biomedical Sciences*, 2014.

##### Cytoplasmic Membrane

The cytoplasmic membrane (inner membrane of Gram-negative bacteria) has a structure similar to eukaryotic cell membranes in that it is a bilayer of phospholipids containing embedded proteins. It differs from eukaryotic cell membranes by the absence of polyunsaturated lipids and endogenously synthesized sterols, although some bacteria incorporate membrane sterols

#### Basic Biology of Oral Microbes

in *Atlas of Oral Microbiology*, 2015.

##### Cell Membrane

The cell membrane is a selectively permeable biological membrane found inside the cell wall and surrounding the cytoplasm. It is made of a lipid bilayer. The cell membrane is compact and flexible, and measures approximately 7.5nm in thickness. It accounts for 10–30% of the bacterial cell dry weight. The structure of the bacterial cell membrane resembles that of eukaryotic cell membranes, except it is deficient in cholesterol. The lipid bilayer is embedded with carrier proteins and

- A short definition to quickly orient the user to the subject
- Enables users to understand and interpret scientific literature

## 2. Related Terms

- Users can learn more through interdisciplinary links

ScienceDirect Journals Books

Back to previous page > Cell membrane

### Cell membrane

The cell membrane is a selectively permeable biological membrane found inside the cell wall and surrounding the cytoplasm.

From: *Atlas of Oral Microbiology*, 2015

Related terms

Macrophages, Amygdala, Basolateral amygdala, EGF, Amino Acids, BFGF, F4/80, Peptidase, Receptor agonist, EGFR

Learn more about Cell membrane

#### Structure and Composition of Microbes\*

J.P. Coleman, C.J. Smith, in *Reference Module in Biomedical Sciences*, 2014.

##### Cytoplasmic Membrane

The cytoplasmic membrane (inner membrane of Gram-negative bacteria) has a structure similar to eukaryotic cell membranes in that it is a bilayer of **phospholipids** containing embedded proteins. It differs from eukaryotic cell membranes by the absence of polyunsaturated **lipids** and endogenously synthesized **sterols**, although some bacteria incorporate membrane sterols

#### Basic Biology of Oral Microbes

in *Atlas of Oral Microbiology*, 2015.

##### Cell Membrane

The **cell membrane** is a selectively permeable biological membrane found inside the cell wall and surrounding the cytoplasm. It is made of a lipid bilayer. The **cell membrane** is compact and flexible, and measures approximately 7.5nm in thickness. It accounts for 10–30% of the bacterial cell dry weight. The structure of the bacterial **cell membrane** resembles that of eukaryotic cell membranes, except it is deficient in **cholesterol**. The lipid bilayer is embedded with carrier proteins and

### Related terms

Macrophages, Amygdala, Basolateral amygdala, EGF, Amino Acids, BFGF, F4/80, Peptidase, Receptor agonist, EGFR

- Ideal for those who want to explore further



### 3. Relevant Excerpts

- Provides a comprehensive overview

#### Learn more about Cell membrane

##### Structure and Composition of Microbes★

J.P. Coleman, C.J. Smith, in *Reference Module in Biomedical Sciences*, 2014.

##### Cytoplasmic Membrane

The cytoplasmic membrane (inner membrane of Gram-negative bacteria) has a structure similar to eukaryotic cell membranes in that it is a bilayer of phospholipids containing embedded proteins. It differs from eukaryotic cell membranes by the absence of polyunsaturated lipids and endogenously synthesized sterols, although some bacteria incorporate membrane sterols derived from host cells. The cytoplasmic membrane is the site of important cellular functions, such as electron transport, protein secretion, nutrient transport, and lipid biosynthesis.

[Read full chapter](#)

##### Basic Biology of Oral Microbes

in *Atlas of Oral Microbiology*, 2015.

##### Cell Membrane

The cell membrane is a selectively permeable biological membrane found inside the cell wall and surrounding the cytoplasm. It is made of a lipid bilayer. The cell membrane is compact and flexible, and measures approximately 7.5nm in thickness. It accounts for 10–30% of the bacterial cell dry weight. The structure of the bacterial cell membrane resembles that of eukaryotic cell membranes, except it is deficient in cholesterol. The lipid bilayer is embedded with carrier proteins and zymoprotein, which possess specific functions.

The cell membrane of some bacteria can form invaginations into the cytoplasm called mesosomes.

[Read full chapter](#)

##### Cell Membranes

Jeffrey C. Freedman, in *Cell Physiology Source Book (Fourth Edition)*, 2012.

##### Summary

This chapter reviews some basic biochemical properties of

##### Regulation of K<sup>+</sup> Excretion

Gerhard Malnic, Gerhard Giebisch, Shigeaki Muto, Wenhui Wang, Matthew A. Bailey, Lisa M. Satlin, in *Seldin and Giebisch's The Kidney (Fifth Edition)*, 2013.

##### K<sup>+</sup> Secretion

ScienceDirect

[Back to previous page](#) > Cell membrane

#### Cell membrane

The cell membrane is a selectively permeable biological membrane found inside the cell wall and surrounding the cytoplasm.

From: *Atlas of Oral Microbiology*, 2015

#### Learn more about Cell membrane

##### Structure and Composition of Microbes★

J.P. Coleman, C.J. Smith, in *Reference Module in Biomedical Sciences*, 2014.

##### Cytoplasmic Membrane

The cytoplasmic membrane (inner membrane of Gram-negative bacteria) has a structure similar to eukaryotic cell membranes in that it is a bilayer of phospholipids containing embedded proteins. It differs from eukaryotic cell membranes by the absence of polyunsaturated lipids and endogenously synthesized sterols, although some bacteria incorporate membrane sterols

##### Basic Biology

in *Atlas of Oral Microbiology*, 2015

##### Cell Membrane

The cell membrane is a selectively permeable biological membrane found inside the cell wall and surrounding the cytoplasm. It is made of a lipid bilayer. The cell membrane is compact and flexible, and measures approximately 7.5nm in thickness. It accounts for 10–30% of the bacterial cell dry weight.

The structure of the bacterial cell membrane resembles that of eukaryotic cell membranes, except it is deficient in cholesterol. The lipid bilayer is embedded with carrier proteins and

## Where Next?

ScienceDirect

Journals

Books



[Back to previous page](#) > [Pyramidal tracts](#)

## Pyramidal tracts

### Definitions

The pyramidal tract exits the cortex, and after passing the pyramids of the medulla, the majority of these fibers cross to the opposite side and descend in the corticospinal tract through the spinal cord ( Figure 3 ). Some of the fibers that do not cross over in the medulla travel ipsilaterally down the cord and cross to the opposite side in the neck or upper thoracic region.

From: [Reference Module in Biomedical Research](#), 2014

### Related terms

[RTMS](#), [Motor area](#), [Motor cortex](#), [Cervical spinal cord](#), [Decussate](#), [Motor neuron](#), [Corticobulbar tract](#), [Facial nucleus](#), [Precentral gyrus](#), [Anterior horn cells](#)

## Learn more about Pyramidal tracts

### Methods

#### Spinal Tracts – Descending/Motor Pathways

Paul Rea, in *Essential Clinical Anatomy of the Nervous System*, 2015.

#### Pyramidal tracts

The [pyramidal tracts](#) are comprised of the corticospinal and [corticobulbar](#) tracts. These are called as [pyramidal tracts](#) as they crossover at the level of the pyramids in the medulla. They are collections of upper [motor neuron](#) fibers which go to the [spinal cord](#) (corticospinal) or the brainstem (corticobulbar) and control the motor function of the body.

The corticospinal tract is comprised of a ventral and lateral tract

### Fundamentals

#### Spinal Cord

Gulgun Sengul, Charles Watson, in *The Human Nervous System (Third Edition)*, 2012.

#### Corticospinal Tract

The corticospinal tract, also called the pyramidal tract because its fibers form the [medullary pyramids](#), is found in all mammals with considerable variation between species. The dorsal corticospinal tract is the major corticospinal bundle, found in the [dorsal column](#) in rodents. In primates, it is highly developed and the major bundle is in the [lateral column](#).

The fibers that give rise to the corticospinal tract in adult mammals arise from the [neurons](#) of the [precentral gyrus](#) and the [pa-](#)

## ScienceDirect Topics is uniquely applying cutting-edge technologies to content within the research workflow

Topic pages link narrow, specialized knowledge of journal content, which can be difficult to understand for researchers new to the specialized field, with both the quick overview of the journal content's topic and with the more general Book content.

### Data Science Technologies

- Data-mining
- Taxonomy building
- Algorithmic information extraction
- Relevancy ranking
- Quality confirmation

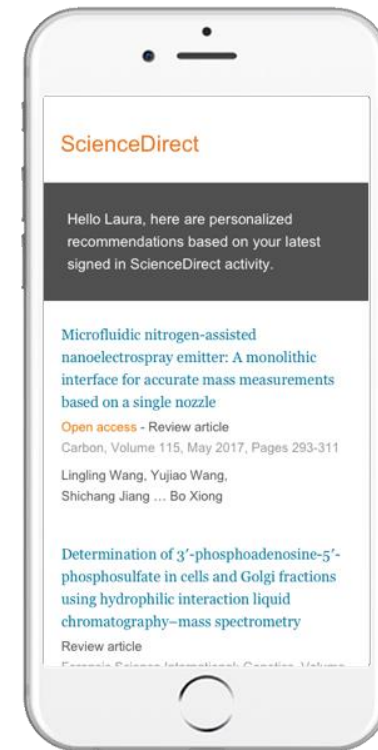
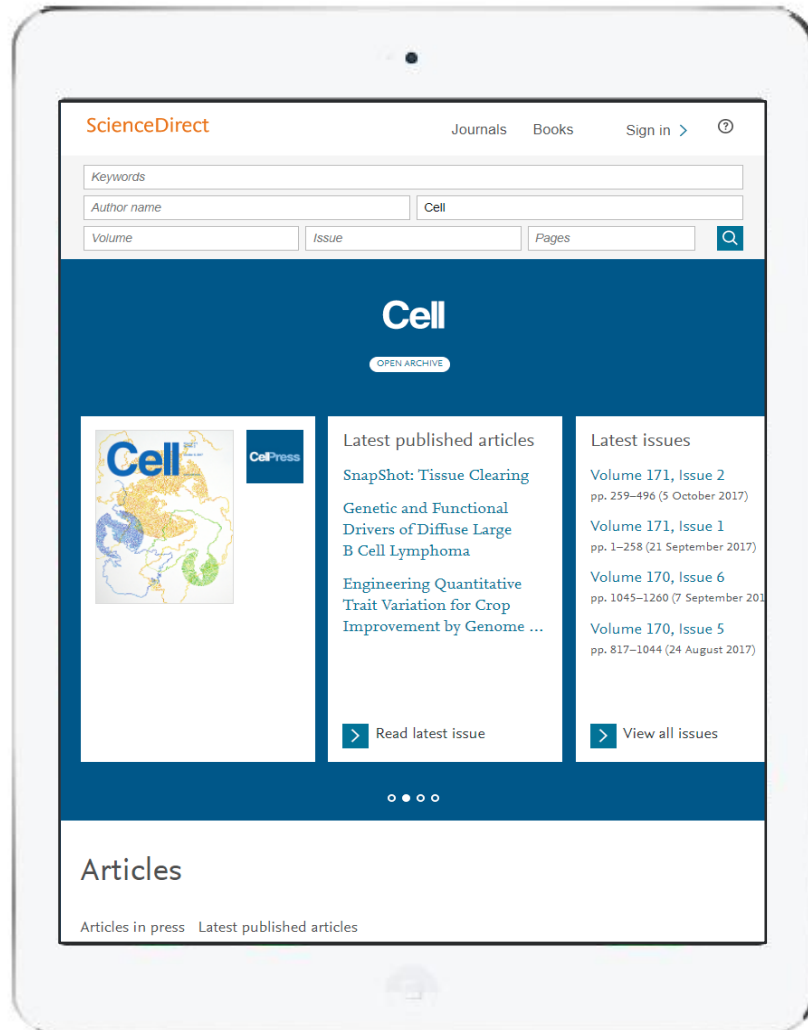


Topic Pages



Book Content

## Responsive Web Design - High level of accessibility



Responsive Web Design (RWD) is good both for people with disabilities and mobile users.

Content is simplified and users are able to focus on a limited number of tasks



# The Value of ScienceDirect

What's behind ScienceDirect

In Demand Content

Superior Quality

The Freedom Collection

The Platform

Improved Visibility

Impactful Research

ScienceDirect

## Elsevier is evolving its Open Access journal program

- **Elsevier has over 100 Open Access Journals & Growing**
- **1,625 Elsevier titles offer sponsored access**
  - Article available to all non-subscribers
  - Allows authors to publish open access in high quality, indexed journals
  - Agreements with Wellcome Trust and the UK Medical Research Council to reimburse fees
- **Launch of Heliyon**
  - Elsevier's Open Access megajournal
- **Cell Press**
  - Unrestricted access after 12-months
  - Launch of Open Access Cell Reports in 2011
- **96 Journals offer “delayed open access”**
  - After a period of time specific to each journal
  - Elsevier Authors can post the peer-reviewed AAMs on their institutional repositories and on their own website immediately and voluntarily

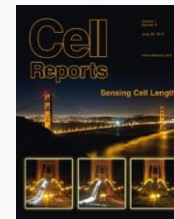
Currently over **250,000** articles on ScienceDirect are open access

Articles published in our open access journals are peer-reviewed and made free for everyone to read and download. Permitted reuse is defined by the authors' choice of user license.

[View the open access journal directory](#)

[View all the publications with open access articles](#)

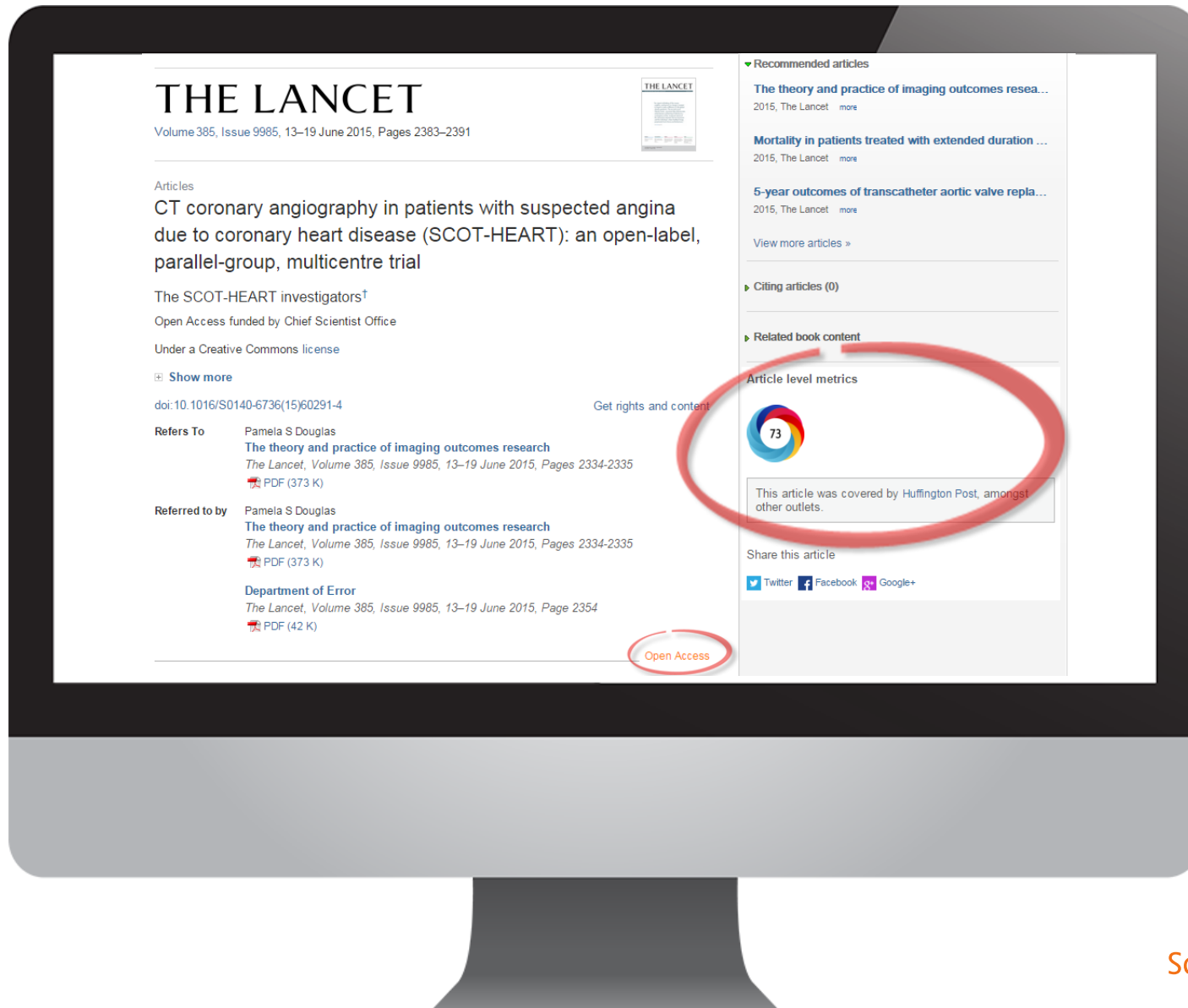
[Read more about Elsevier's open access publishing](#)



Heliyon



# Open Access Articles: Enhanced with Altmetrics and Metadata

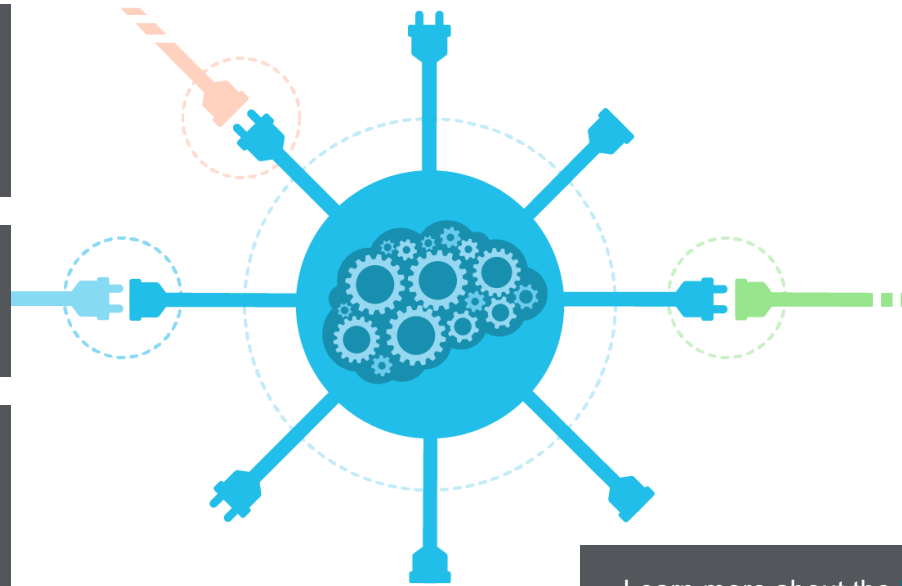


## ScienceDirect APIs support large-scale data mining for government and academic research institutions

Use ScienceDirect APIs to retrieve and integrate full-text content from publications on ScienceDirect into your own website or applications.

Anyone can obtain an API key and use our APIs free of charge, provided that our [policies](#) are honored.

ScienceDirect subscribers are granted full access to ScienceDirect APIs. If you do not have a ScienceDirect subscription, you can still use our APIs; however, you will have limited access to basic metadata and basic search functionality, yet full access to all open access content.



Learn more about the [key settings data](#) available to you and start developing today.



## Elsevier's Reviewer Recognition Platform

Elsevier's Reviewer Recognition Program aims to engage reviewers and reward them for the work they do. All reviewers are entitled to:

Free 30-day access to Scopus

Free 30-day access to ScienceDirect

Free mentoring booklet: Charting a course for a successful research career, written by 30-year research veteran Prof. Alan Johnson

### **Peer review reports as articles**

The Publishing peer review reports pilot publicly recognises reviewers' intellectual contribution to accepted articles through the official publication of their reports. Review reports are attributed a separate DOI and are published next to the accepted paper on ScienceDirect. Participating journals include:

- Agriculture and Forest Meteorology
- Annals of Medicine and Surgery
- Engineering Fracture Mechanics
- Journal of Hydrology: Regional Studies
- International Journal of Surgery

# Elsevier's Reviewer Recognition Platform



International Journal of Surgery

Volume 44, August 2017, Pages 260-268

Review

## Povidone iodine in wound healing: A review of concepts and practices

Paul Lorenz Bigliardi <sup>a, b, c</sup>, Syed Abdul Latiff Alsagoff <sup>d</sup>, Hossam Yehia El-Kaf <sup>e</sup>, Chad Tse Cheuk Wa <sup>g</sup>, Martin Anthony Villa <sup>h</sup>

[Show more](#)

<https://doi.org/10.1016/j.ijssu.2017.06.073>

Under a Creative Commons license

**Referred to by** Peer review report 1 on "Povidone iodine in wound healing: A review of concepts and practices" International Journal of Surgery, Volume 37, Supplement 1, January 2017, Pages 408

[Download PDF](#)

Peer review report 4 on "Povidone iodine in wound healing: A review of concepts and practices" International Journal of Surgery, Volume 37, Supplement 1, January 2017, Pages 411

[Download PDF](#)

Peer Review Report

## Peer review report 4 on "Povidone iodine in wound healing: A review of current concepts and practices"

[Show more](#)

<https://doi.org/10.1016/j.ijssu.2017.07.007>

**Refers to** Paul Lorenz Bigliardi, Syed Abdul Latiff Alsagoff, Hossam Yehia El-Kafrawi, Jai-Kyong Pyon, Chad Tse Cheuk Wa, Martin Anthony Villa

Povidone iodine in wound healing: A review of current concepts and practices

International Journal of Surgery, Volume 44, August 2017, Pages 260-268

[Download PDF](#)

[Previous article in issue](#)

[Next article in issue](#)

### 1. Original submission

#### 1.1. Recommendation

Minor Revision.

#### 1.2. Comments to the author

Congrats on an excellent work reviewing current concepts regarding povidone iodine in wound healing.

The manuscript is well written and structured. Also, adequate tables are provided summarizing all the info.

Perhaps the only flaw is that this is not a systematic review and meta-analysis. Also a paragraph regarding how the search literature was carried out is missing.

### 2. First revision

#### 2.1. Recommendation

Accept.

## Elsevier Researcher Academy

Elsevier Researcher Academy is an online platform which takes you through the different phases of the research cycle – from the beginnings of research preparation, through the publishing process, all the way to demonstrating impact..

- Prepares PhDs and Postdocs for their careers – either inside or outside of academia
- Helps researchers attain funding for their research
- Facilitates more researchers' papers being accepted in top journals
- A completely free service, providing support throughout the entire research cycle

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

Researcher Academy

Learn

Career path

Blog

Nicholas Pak



# Welcome Nicholas

Edit profile >

RESEARCH  
PREPARATION



WRITING  
FOR RESEARCH



PUBLICATION  
PROCESS



NAVIGATING  
PEER REVIEW



COMMUNICATING  
YOUR RESEARCH



# Elsevier Researcher Academy

## Latest



**WRITING SKILLS**

How to turn your thesis into an article

Register Now

22 FEB

1 h



**FUNDING**

Discover how metrics can boost funding and networking opportunities

38 m




**TECHNICAL WRITING SKILLS**

Beginners' guide to writing a manuscript in LaTeX

40 m

## Start learning




**RESEARCH DATA MANAGEMENT**

How researchers store, share and use data

Discover the advantages of data sharing and how you can contribute to improving research reproducibility.

36 m

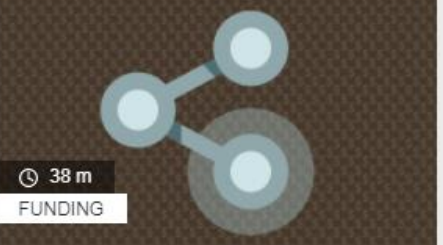


**WRITING SKILLS**

10 tips for writing a truly terrible journal article

These top tips on how NOT to write a research article will help you avoid some common pitfalls.

52 m




**FUNDING**

Discover how metrics can boost funding and networking opportunities

A comprehensive guide to scholarly metrics and practical tips to help you leverage them when building networks or applying for funding.

38 m



**TECHNICAL WRITING SKILLS**

Beginners' guide to writing a manuscript in LaTeX

Everything you need to know about using LaTeX to ensure your formula-heavy manuscript has a professional polish.

40 m

# Elsevier Journals Finder

## Find the perfect journal for your article

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.

ELSEVIER

[Send us feedback](#)

### Find the perfect journal for your article

Elsevier® Journal Finder helps you find journals that could be best suited for publishing your scientific article. Powered by the Elsevier Fingerprint Engine™, Elsevier Journal Finder uses smart search technology and field-of-research specific vocabularies to match your article to Elsevier journals.

Simply insert your title and abstract and select the appropriate field-of-research for the best results.

Paper title

Enter your paper title here

Paper abstract

Copy and paste your paper abstract here.

Fields of research

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

☐ Agriculture
☐ GeoSciences
☐ Mathematics
☐ Chemistry
☐ Economics
☐ Humanities and Arts
☐ Physics
☐ Life and Physical Sciences
☐ Materials
☐ Social and Behavioral Sciences

ELSEVIER

[Send us feedback](#)

### Find the perfect journal for your article

Elsevier® Journal Finder helps you find journals that could be best suited for publishing your scientific article. Powered by the Elsevier Fingerprint Engine™, Elsevier Journal Finder uses smart search technology and field-of-research specific vocabularies to match your article to Elsevier journals.

Simply insert your title and abstract and select the appropriate field-of-research for the best results.

Paper title

Enter your paper title here

Paper abstract

In this paper, an optimized positive feedback based control approach is developed for unimodal lightweight aerospace structures. A modified form of the positive velocity feedback control (PVFB) compensator of each mode is enhanced with a parallel lossy integrator. For multi-mode compensation, compensators are required. A focus of this paper is on development of effective gain optimization suppression performance of the vibration controller. The optimization problem is addressed using Quadratic Regulator (LQR). A flexible clamped-free beam is considered as a sample aerospace structure. Results show that vibration velocity is well reduced, which is important for the M-norm approach, on the other hand, aims to directly suppress each mode based on optimized MPVE controller focuses on modes with higher amplitudes of velocity, it provides optimized method.

Fields of research

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

ELSEVIER

[Send us feedback](#)

### Search results (10)

Journal title	Sort by Match	Impact Factor	Open Access	Editorial Times	Acceptance	Production Times	Open Access	Embargo period	Open Access Fee	User License
ISA Transactions®	2,984	10 weeks	22 %	20 weeks	-	24 Months	-	Open Access Fee	Open Access Fee	Open Access Fee
Mechatronics	1,726	8 weeks	22 %	21 weeks	Optional	24 Months	\$ 2400	Open Access Fee	Open Access Fee	Open Access Fee
Control Engineering Practice	1,814	10 weeks	21 %	11 weeks	Optional	24 Months	\$ 3100	Open Access Fee	Open Access Fee	Open Access Fee
Journal of Process Control	2,653	11 weeks	32 %	12 weeks	Optional	24 Months	\$ 2400	Open Access Fee	Open Access Fee	Open Access Fee



# The Value of ScienceDirect

What's behind ScienceDirect

In Demand Content

Superior Quality

The Freedom Collection

The Platform

Improved Visibility

**Impactful Research**

ScienceDirect



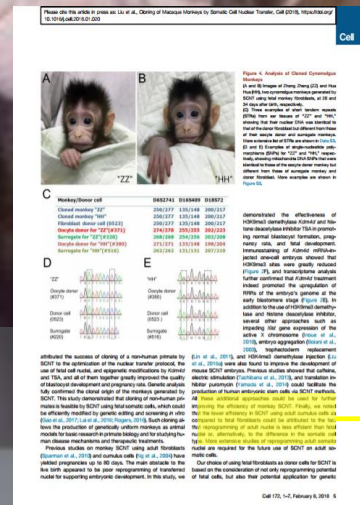
## Groundbreaking research from China: first cloned monkeys

## Standing on the shoulders of giants; linking of articles

# 2018

2011

# 2016



# Thank You!

**Nicholas Pak**

Elsevier – Research Solutions

Email : [n.pak@elsevier.com](mailto:n.pak@elsevier.com)