# Your guide to IOPSCIENCE

iopscience.org



# Using this guide

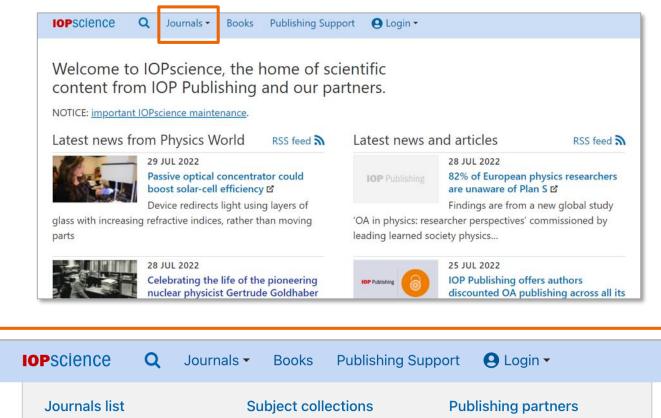
# This guide is intended to show you how to make the most of the content and features available via the IOPscience platform.

This guide is primarily intended to help users navigate IOPscience and learn more about available features. If you have any urgent subscription or access queries, please contact our Customer Service department at **customerservices@ioppublishing.org**.



## **IOPscience** homepage

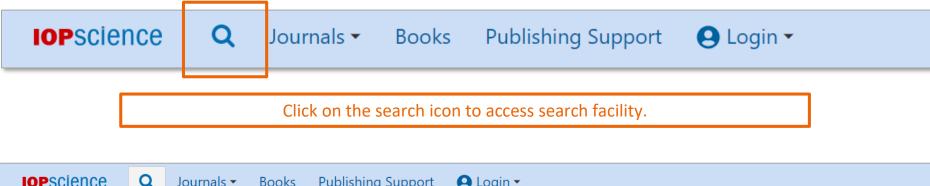
Use the bar at the top of the homepage to access the **Journals** menu, the **Books** homepage, **Publishing Support**, My IOPscience via the **Login** option or simply type in the **Search** Bar with a keyword of your choice to get started.



Use the pop-out **Journals** menu to access more information.

IOPscience	Q	Journals	Books	Publishing Supp	oort	⊖ Login -	
Journals list Browse more science journa		00 s	Subject coll Read the ve research pu journals		Par	<b>olishing partners</b> tner organisations and blications	
Open access IOP Publishing policy guide	g oper	access	IOP Confere Read open a proceedings conferences	access s from science			

### Searching for content

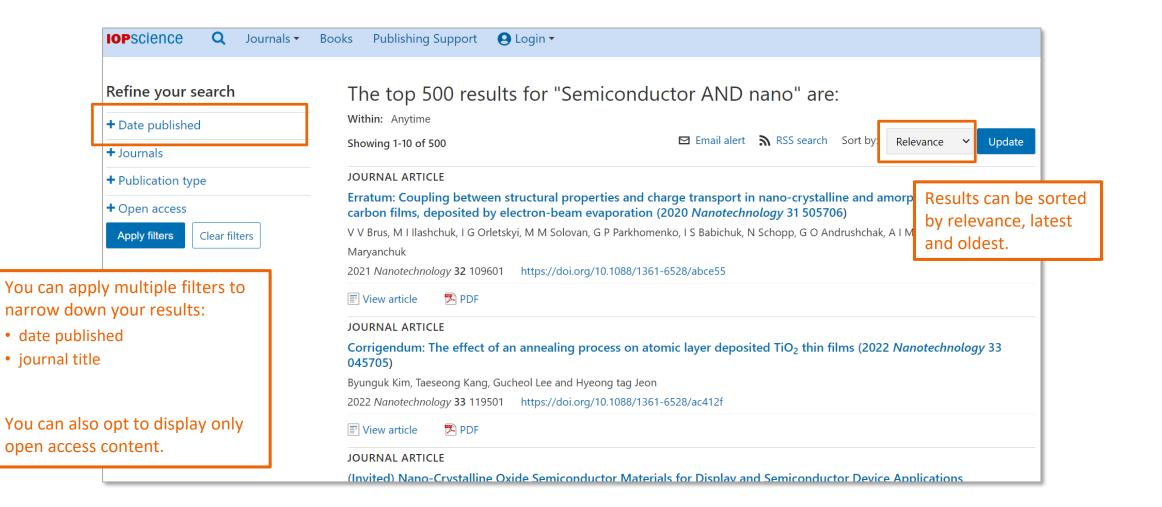


Semiconductor AND nano		Search
		Search
ARTICLE LOOKUP		
Select journal (required) Volume	Issue Article or page	Lookup

You can also run a BOOLEAN search using 'AND', 'OR', 'NOT'.

You can use the article **Lookup** option to search for specific papers within a journal.

## Searching for content



# Full journal list

# Discover the full range of IOP content

Every journal can be accessed via the Current titles list. You can also view the list by Publishing partners or Archive.

Current titles Publishing partners Archive titles							
All 0-9 A B C D E F G H I J K	. M N O P Q R S T U V W X Y Z						
0-9	Journal of Physics: Condensed Matter						
2D Materials	Journal of Physics: Conference Series						
A	Journal of Physics: Energy						
Advances in Natural Sciences: Nanoscience and	Journal of Physics: Materials						
Nanotechnology	Journal of Physics: Photonics						
Applied Physics Express	Journal of Radiological Protection						
The Astronomical Journal	Journal of Semiconductors Journal of Statistical Mechanics: Theory and Experiment Journal of The Electrochemical Society L						
The Astrophysical Journal							
The Astrophysical Journal Letters							
The Astrophysical Journal Supplement Series							
В							
Biofabrication	Laser Physics Laser Physics Letters						
Bioinspiration & Biomimetics							
Biomedical Materials	Μ						
Biomedical Physics & Engineering Express	Machine Learning: Science and Technology						
biomedical Physics & Engineering express	Materials for Quantum Technology						



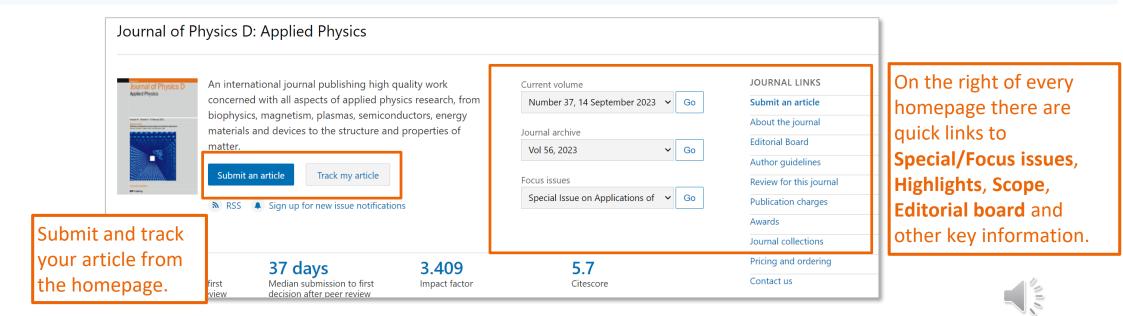
### Journal pages

The journal homepage contains critical data and links relating to a particular title.

This includes the Impact Factor, Scope, Editorial board, Special/Focus issues and Webinars.

From here you can quickly select any volume, see what's new and learn more about pricing, guidelines and specific open access information.

You can also find the links you need to submit your own article, sign up for journal notifications and view all of the journals' accepted manuscripts.



### Journal pages

At the bottom of each journal homepage you can quickly access the Most read and Latest articles from that journal. You can also see Review articles if these are available.

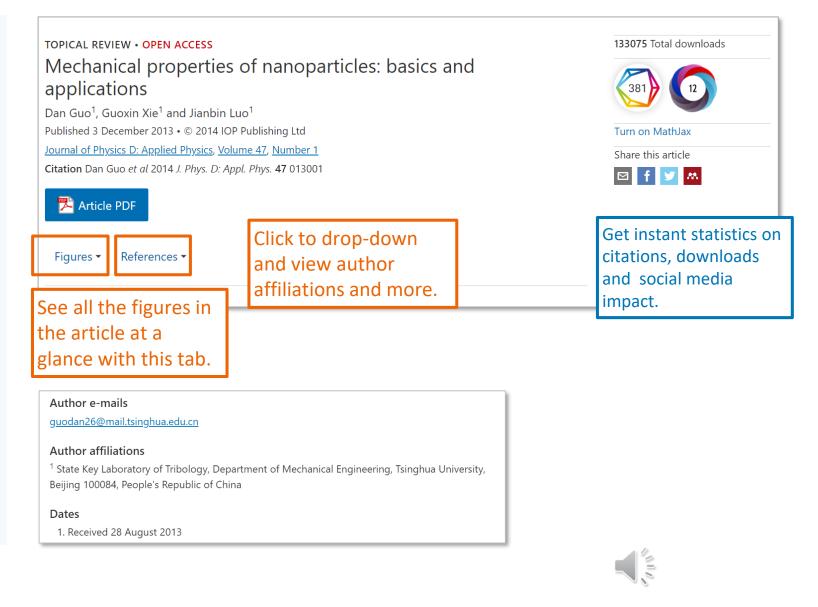
Most read	Open all abstracts
Latest articles	OPEN ACCESS
Review articles	Nanogold-capped poly(DEGDMA) microparticles as surface-enhanced Raman scattering substrates for DNA detection
Accepted manuscripts	Malik H Mahmood et al 2022 J. Phys. D: Appl. Phys. 55 405401
Trending	+ Open abstract 💿 View article 🔁 PDF
Open Access	Resistivity dependence on nanostructure formation in picosecond ablation of silicon and SERS-based sensing applications
	Kanaka Ravi Kumar et al 2022 J. Phys. D: Appl. Phys. 55 405103
	+ Open abstract 🔄 View article 🔁 PDF
	Absorption-transmission-type multifunctional coding metasurface
	Jiayu Chen et al 2022 J. Phys. D: Appl. Phys. 55 405003
	+ Open abstract 🔄 View article 🄁 PDF
	Self-consistent fractal geometry in polyampholyte hydrogels undergoing exchange and correlation charge-density
	Ziyu Xing et al 2022 J. Phys. D: Appl. Phys. 55 405302
	+ Open abstract 🔄 View article 📂 PDF
	Magnetohydrodynamic modeling and simulation of a vacuum arc plasma jet with a ring anode under different external magnetic fields
	Zhefeng Zhang et al 2022 J. Phys. D: Appl. Phys. 55 405201
	+ Open abstract 💿 View article 🔁 PDF

### Article pages

Each individual article page contains links and information including the full PDF, figures, references, download numbers, Dimensions and Altmetrics data (see separate sections), permissions, export and social-media sharing options.

Click on the **Article information** tab to view:

- Author affiliations
- Publication dates
- Citation data
- Categories and keyword annotations
- Links to create citation alerts, issue notifications, submit feedback or purchase the article in print.



### Article pages

When you view a specific article page you will have one of two options:

If you have access to the article (via your library subscription) or the article is published on an open access basis, you will be able to download the full PDF.

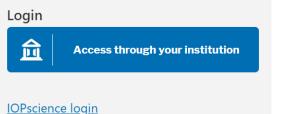
Journal of Physics A: Mat	thematical and Theoretical		
PAPER		29 Total downloads	
A systematic construct	ion of integrable delay-difference and	Turn on MathJax	
delay-differential analo	ogues of soliton equations	Get permission to re-use this	
Kenta Nakata <sup>3,1</sup> and Ken-ichi Marunc	article		
Published 25 July 2022 • © 2022 IOP Publi	Share this article		
Journal of Physics A: Mathematical and Th	🖾 f У 🛤		
Citation Kenta Nakata and Ken-ichi Marun	no 2022 J. Phys. A: Math. Theor. 55 335201		
🔀 Article PDF	If you have institutional access via your library or it is		
References   Open science	open access you will be able to view and download the		
+ Article information	full PDF.	Abstract	
		1. Introduction	

### Article pages

If you do not have access, you will see the message below.

#### Access this article

The computer you are using is not registered by an institution with a subscription choose one of the options below.



Find out more about journal subscriptions at

#### Purchase from

<u>Article Galaxy</u> <u>CCC RightFind</u>

Purchase this article from our trusted document delivery partners.

Choose the most

and follow the

instructions.

appropriate response

#### Make a recommendation

your site.

To gain access to this content, please complete the <u>Recommendation Form</u> and we will follow up with your librarian or Institution on your behalf.

For corporate researchers we can also follow up directly with your R&D manager, or the information management contact at your company. Institutional subscribers have access to the current volume, plus a 10-year back file (where available).

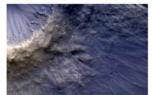
# IOP journal archive

To view all IOP archive content visit the **Journals** list and select the **Archive titles** tab to see historic journals and the date ranges available.

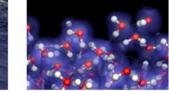
Current titles Publishing partners Archive titles							
All 0-9 A B C D E F G H I J K L	M N O P Q R S T U V W X Y Z						
0-9	Journal of Physics: Condensed Matter (1989 to date)						
2D Materials (2014 to date)	Journal of Physics: Conference Series (2004 to date)						
A	Journal of Physics: Energy (2018 to date)						
Acta Physica Sinica (Overseas Edition) (1992-1999)	Journal of Physics: Materials (2018 to date)						
Advances in Natural Sciences: Nanoscience and Nanotechnology (2010 to date)	Journal of Physics: Photonics (2018 to date)						
Applied Physics Express (2008 to date)	Journal of Radiological Protection (1988 to date)						
The Astronomical Journal (1849 to date)	Journal of Scientific Instruments (1923-1967)						
The Astrophysical Journal (1996 to date)	Journal of Semiconductors (2009 to date)						
	Journal of Statistical Mechanics: Theory and Experiment						
The Astrophysical Journal Letters (1995-2009)	(2004 to date)						
The Astrophysical Journal Letters (2010 to date)	Journal of The Electrochemical Society (1902 to date)						
The Astrophysical Journal Supplement Series (1996 to date)	Journal of the Society for Radiological Protection (1981-1987						
В	Journal of Turbulence (2000-2004)						
Biofabrication (2009 to date)							
Bioinspiration & Biomimetics (2006 to date)	Laser Physics (2013 to date)						

### Subject collections

IOP Subject collections are your gateway to all of the content that IOP Publishing offers in a particular field across journals, books, conference proceedings and our flagship magazine, Physics World.

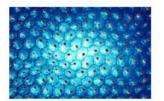


Astronomy and astrophysics



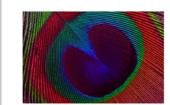
Atomic and molecular

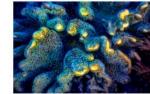
physics





**Condensed** matter



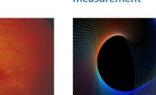


**Biomedical engineering** 

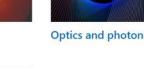
Environment and energy



Instrumentation and measurement

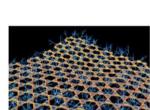


**Optics and photonics** 









Materials

Education



Engineering

Mathematics and computation





Particle and nuclear physics Plasmas

Quantum science

Medical physics and

biophysics



# Subject collections

Each subject collection page gives you a clear overview of recent developments in a particular field, such as:

- new journal launches
- special materials
- the latest highlights
- quick access to the most relevant journals, books and other media.

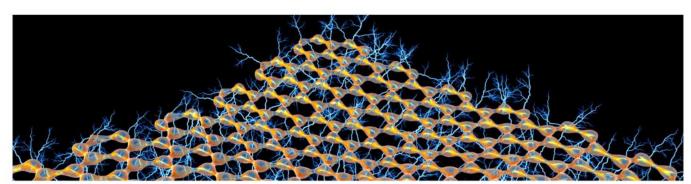


Image credit: Alfred Pasieka/Science Photo Library

#### SUBJECT COLLECTIONS

#### Materials

World-leading materials science journals and books, dedicated to supporting and improving research across the field, from research to technology and innovation.

#### Sign up and opt in to receive the latest research, journal and ebook news in materials.

#### Featured journals



#### AUTHOR SERVICES

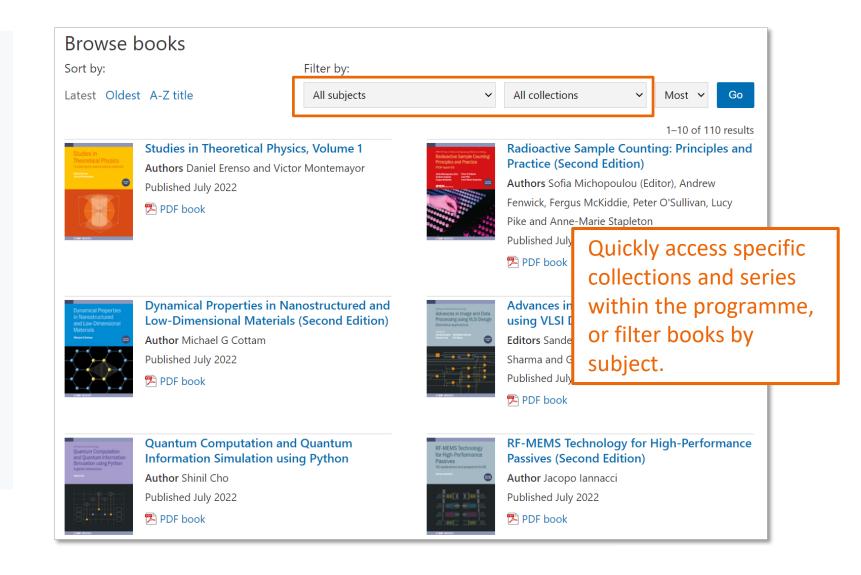
Your step-by-step guide to getting published How to submit your journal article Track the progress of your article Do you need help with editing your paper? Your open access options Create your MyIOPscience account Learn about our commitment to Open Physics



### Books

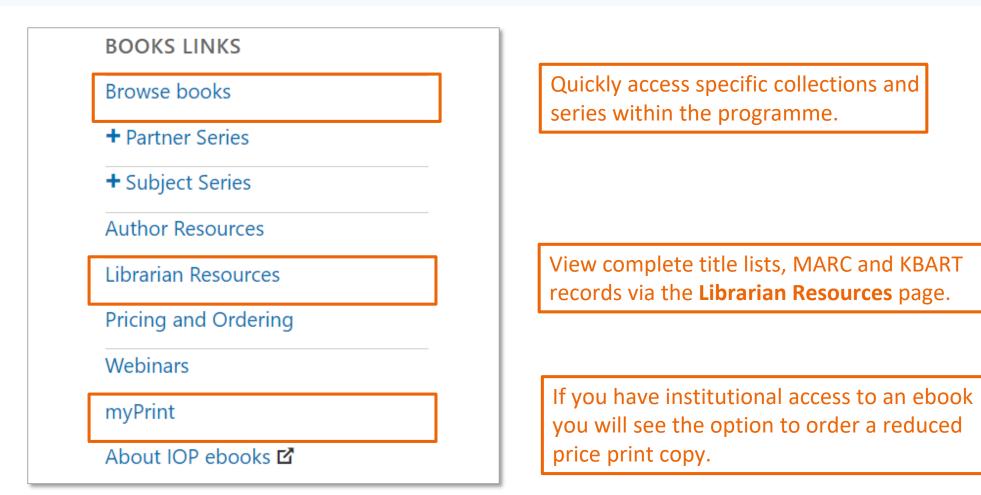
Explore IOP ebooks<sup>™</sup>, an innovative and evolving digital book portfolio.

The ebooks homepage is a great starting point for discovering IOP's extensive range of monographs, studies, introductory texts, analyses, reference guides and teaching aids.



### Books

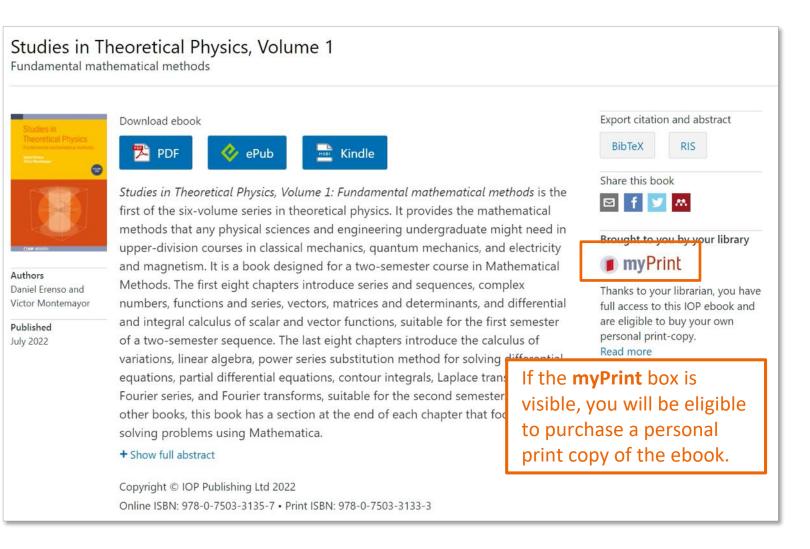
Explore IOP ebooks, an innovative and evolving digital book portfolio



# **Books: individual titles**

Visit an individual ebook page to:

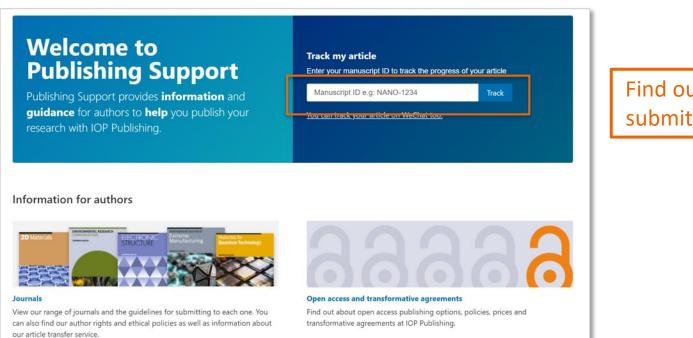
- Read the book in a variety of formats
- Learn more about the author
- View any associated multimedia
- Find related content across the entire IOPscience platform



If you are an author, reviewer or conference organiser, the **Publishing Support** area can offer you advice and help on a variety of topics including:

- Author guidelines, article tracking and author webinars
- Review guidelines

- Copyright, permissions, rights and policies
- Conference proceedings
- Editing



Find out what stage your submitted article is at.



The **Authors** menu gives you access to vital information on all aspects of publishing your journal paper, ebook or conference proceedings with IOP.

#### Journals

View our range of journals and the guidelines for submitting to each one. You can also find our author rights and ethical policies as well as information about our article transfer service.



#### **Author Guidelines**

Get help and guidance on choosing the right journal, writing your article and how the submission, peer review and publication process works.

#### NEW: Early career researcher guidance

Guidance, tools, author insights and more. Everything you need as an early career researcher to help you on your publishing journey.

#### **Conference proceedings**

Are you preparing a paper for a conference? These resources will help you to get your paper ready for publication.

#### Open access and transformative agreements

Find out about open access publishing options, policies, prices and transformative agreements at IOP Publishing.



#### Author services and tools

Article templates, Submission checklist, IOP academy resources and more to help you write and submit your article.

#### **Copyright and permissions**

View information and resources to help you with our copyright and permissions policies.

#### Books

If you are thinking about writing a book or have already started, this section will provide you with all the information you need.

# Information for reviewers

Authors

Reviewers

Find out about recognition, ethics in peer review, and the key part reviewers play in article publishing.

**Conference** Organisers

If you are a reviewer you can view referee guidelines and advice on ethics via the **Reviewers** menu.

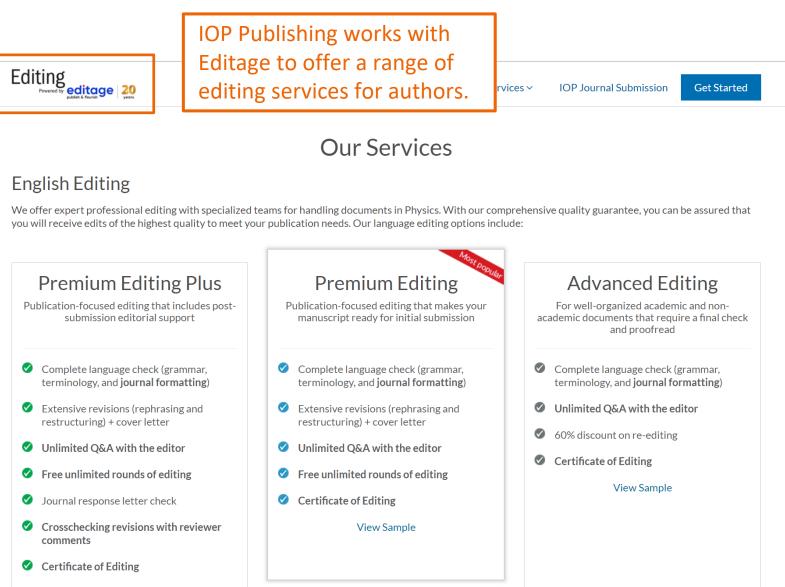




Information and guidance to help you publish your conference proceedings.



View Sample



#### **Translation with Editing**

Don't get lost in translation! Our academic translators and editors offer subject-specific expertise and superior editing skills to ensure that your manuscript accurately conveys every nuance of your research in perfect scientific English to a global audience. Our aim is simple: deliver a manuscript that journal editors, reviewers and readers find indistinguishable from those written by native English speakers.

We offer subject-specific translation with English Editing for the following language pairs.

- Traditional or Simplified Chinese to English
- Japanese to English
- Spanish to English
- Brazilian Portuguese to English
- Korean to English
- Turkish to English

If you would like help translating your research as well as receiving editing support, IOP Publishing can provide this in a variety of languages.

Get Started



### My IOPscience

You can access your personal My IOPscience account via the Login option on the menu bar.

Having an account allows you to set up alerts and save your searches.

If you don't already have an account you can quickly create one or reset your password.

Log in Sign up     username/e-mail   your password     Reset your password >     IOPSCIENCE     Q   Journals *   Books   Publishing Support   Q   Log in *     You can also use   Log in menu to a   IOPscience via A	sign up name/e-mail password	IOPSCİ	ence						
your password Login menu to a IOPscience via A	et your password >	Log in	Sign up	IOPscience	Q	Journals 🔻	Books	Publishing Support	⊖ Login •
TOFSCIENCE VIA A	et your password >		il					Login	menu to a
	LOG IN >		ssword >					IOPsc	ience via At

### **My IOPscience**

A My IOPscience account has a range of benefits.

#### **IOP**science **Q**

Journals 
Books Publishing Support

#### My IOPscience

You'll need to <u>login</u> to IOPscience to set up and manage your alerts, and to take advantage of the advanced personalization features in My IOPscience. If you don't yet have a username and password, it only takes a few minutes to <u>create an account</u> to tailor IOPscience to match your personal preferences.

\rm Login 🗸

My IOPscience currently enables you to:

- Tag articles of interest to you.
- Manage your tagged article lists.
- Save your searches.
- Re-run your saved searches to return new results.
- Set up search alerts to notify you when new articles are published that meet your search criteria.
- Set up Table of Contents alerts.
- View articles that you have downloaded in the last three months.
- Personalize the IOPscience homepage to display newly published papers that are relevant to your research interests.

#### Login

Benefits of a My IOPscience account



### Enhanced articles and multimedia

Many articles include enhancements and multimedia options.

#### Video abstracts

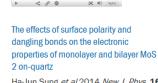
Video abstracts are a feature aimed at further increasing the visibility of our authors and their work, and enable authors to now go beyond the constraints of the written article to convey their research to readers





#### The search for Bose-Einstein condensation of excitons in Cu2O: exciton-Auger recombination versus biexciton formation

James P Wolfe and Joon I Jang 2014 New J. Phys. 16 123048



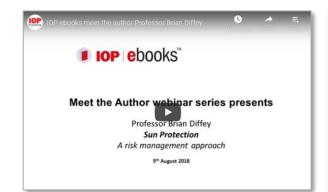


Ha-Jun Sung et al 2014 New J. Phys. 16 113055

A weakly coupled semiconductor superlattice as a harmonic hypersonicelectrical transducer C L Poyser et al 2015 New J. Phys. 17 083064

Video abstracts enable authors to go beyond the constraints of the written article to personally explain the value of their work and enhance a reader's understanding.

To see which journals publish video abstracts, visit the author guidelines in the Publishing Support area: https://publishingsupport.iopscience.iop.org/video-abstracts.



Some IOP ebooks feature an author webinar aimed at providing the reader with a chance to get to know the researcher and their work a little better. Each one is around 45 minutes and offers a deeper understanding of the book.

Visit http://iopscience.iop.org/bookListInfo/author-webinars to view the full series

## Journal collections: special issues, focus issues

Many IOP journals have special issues or focus issues bringing together papers on a particular topic.

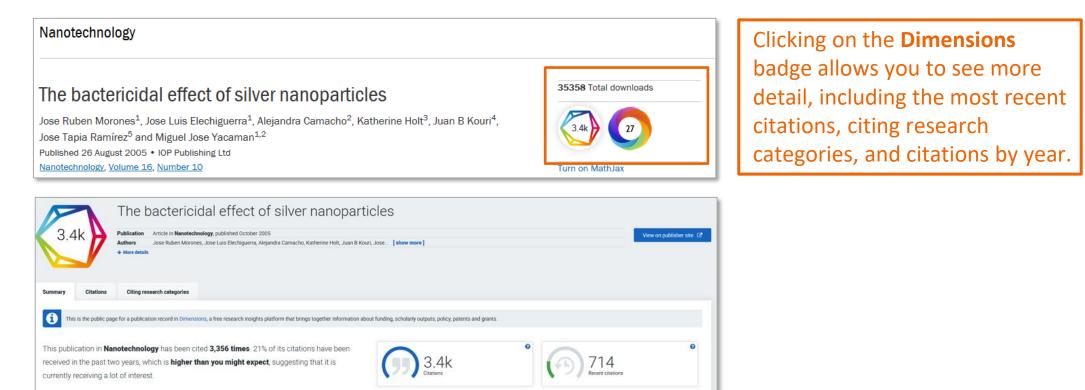
Other special collections, which vary from journal to journal, include **Spotlights**, **Perspectives** and specific article types such as **Fast track communications** and letters.

Letters			Fast track communications		•
Special issue collections			'Focus on' series		Look for a variety of special
	Topical reviews		Spotlights		collection types in the right-hand
			Perspectives		column on each journal homepage.
					J
Special issue	es/focus issues	Spo	tlights	F	Perspectives
Diverse collections of exclusive, invited articles in areas identified by the Editorial Board.		pap pro	n special and regular ers that demonstrate gress and trends in a cific area of interest.	c ł	Commissioned commentaries authored by some of the leading researchers in physics, aimed at nighlighting the significance and impact of research appearing in that particular journal.

### Dimensions

Dimensions badges on individual articles indicate the number of times an article has been cited in other research.

468.93



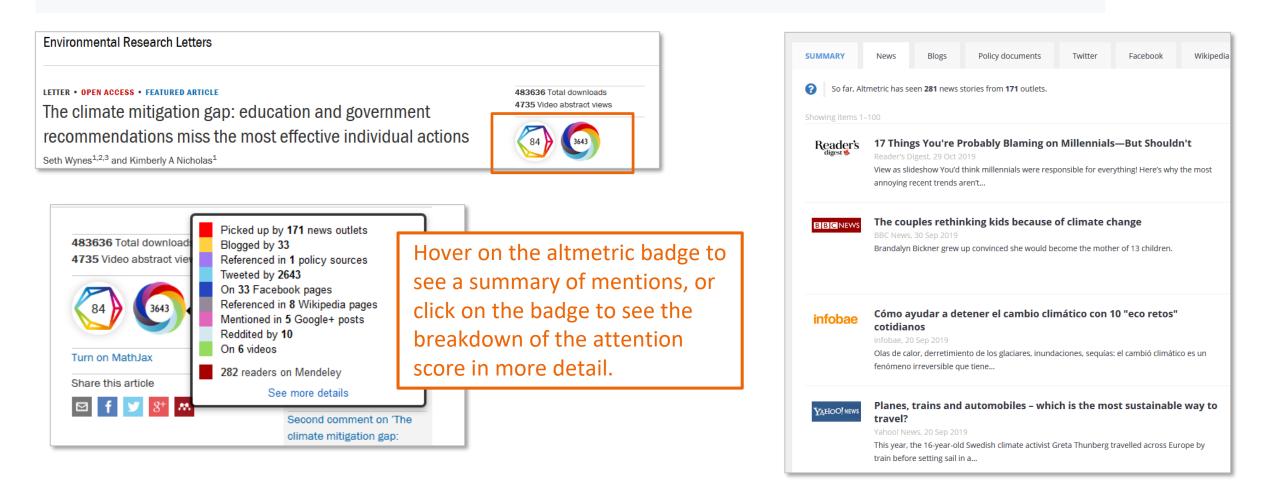
59.51

Compared to other publications in the same field, this publication is extremely highly cited and has received approximately **468 times more citations** than average.

View more details in Dimensi

### **Altmetrics**

#### Altmetrics badges indicate the social-media impact and news coverage an article has received.





### **Publishing partners**

More information about our publishing partnerships is available on the **Publishing partners** tab of the **Journals** page.

You can see which journals are published in association with each organisation or link directly to each partner's website.

Current titles Publishing partners Archive titles													
All	0-9	A	в	c	D	E	F	G	н	I.	J	К	
Α													
Ame	American Astronomical Society 🗗												
Resea	Research Notes of the AAS												
The A	The Astronomical Journal												
The A	The Astrophysical Journal												
The A	The Astrophysical Journal Letters												
The Astrophysical Journal Supplement Series													
The Planetary Science Journal													
Astro	Ltd	ď											
Laser	Laser Physics												
Laser	Laser Physics Letters												
Astro	Astronomical Society of the Pacific 🗗												
Publi	catio	ons c	of th	e As	tron	omic	al So	ciety	of t	he P	acifi	С	
В													
	B Bureau International des Poids et Mesures 🖻												

### **IOP Conference Series**

IOP Conference Series provides a fast and versatile publication service for conference proceedings. From this page you can view content and find out more as an author, organiser or reader.

onference Seri	S			
Search conference	e journals			
			Search	
Filter by:				
(All)(Journal of Physi	s Earth and Environmental Scie	nce Materials Science and Engine	ering	

#### The end-to-end conference publishing and hosting solution

IOP Publishing is one of the world's largest conference proceedings publishers, providing organisers and authors with a fast, easy to use and effective publication process

We publish research presented and discussed at prestigious conferences in physics and related subjects around the world. Key topics include physics, materials science, environmental science, bioscience, engineering, computational science and mathematics.

In 2021 we are relaunching our proceeding service with a brand new suite of tools that offer seamless management of each stage of the process as well as the option to host your conferences online.

Get more information on our new conference solutions

Request a quote 🗹



### **Open access**

From the **Journals** option on the homepage menu bar you can visit the **Open access** page. This area summarises our current policy and links to further information regarding all aspects of open access.

#### **Open** access

Home > Open access

#### IOP Publishing endorses the goal of universal access to research in the physical sciences

Visit our <u>Open Physics</u> site to learn more about the ways we are supporting open access to enable wider and faster access to physical sciences research.

#### Open access options at IOP Publishing

IOP Publishing provides a range of options to enable authors to publish their work on an open access basis, with all of our journals ensuring the same high-standard of peer review and publication.

Many institutions and research funders have stated policies on open access and we advise authors check these before submitting an article. Information on policies at some institutions and funders can be found at <u>SHERPA Juliet</u> or <u>ROARMAP</u>.

#### Gold open access

Authors can make their final published article immediately free to read and reuse by others in all of IOP Publishing's primary research journals and many of the journals we publish on behalf of our society partners.

We publish a range of fully open access journals or provide the option to publish under an open access licence in most of our subscription-based journals.

All authors publishing on an open access basis in IOP Publishing's journals retain copyright and publish under a CC-BY licence.

#### Green open access

Authors publishing in one of IOP Publishing's subscription-based journals can archive the accepted version of their article on a personal website immediately or on an institutional or subject repository 12 months after publication. A preprint of the article can be posted at any time on non-commercial repositories or preprint servers such as arXiv. <u>Further information about green open access</u>.



### **Transformative agreements**

From the **Publishing** Support/Open access options on the homepage menu bar you can visit our Transformative and institutional open access agreements page. You can find out whether you are covered by a transformative agreement here.

#### Publishing Support

Home > Support > Authors > Open Access > Transformative agreements hub



# Transformative agreements

Our agreements allow you to read and publish your work **open access** in the majority of IOP Publishing journals without paying article publication charges.





Are you covered by a transformative agreement?

You could be eligible for open access publishing through a transformative agreement. We have agreements with over 280 institutions worldwide.



**Resources for transformative agreements** 

Download your library toolkit to help you promote your transformative agreement to everyone who can benefit from it, and find information on training and events.

## **Further information**

#### Where can I find out about your accessibility policy?

To view our current accessibility policy please visit: (<u>http://iopscience.iop.org/page/accessibility</u>).

#### Where can I find out more about the Institute of Physics?

Visit <u>www.iop.org</u> for information about our parent organisation.

#### **Contact details**

- For subscription and access queries, technical issues, and general enquiries please contact Customer Services: <u>customerservices@ioppublishing.org</u>.
  - To find a specific contact from any department please visit the Contacts area of the IOP Publishing website: <u>http://ioppublishing.org/contacts/</u>.
- You can also send a general enquiry from the Contacts page using the quick submission form.

