

# **IOP**science | **extra**

## **GUÍA DE USUARIO**

## conricyt.mx



[Inicio](#) [Acerca del Consorcio](#) [Acervo Editorial](#) [Servicios](#) [Contacto](#)

Idioma [Twitter](#) [Facebook](#) [YouTube](#)

Para visitar la versión anterior del portal, da clic [aquí](#)



### Acceder



Usuario o correo elect



Contraseña

[Olvidé mi contraseña](#)

**ACCEDER**

IP no registrada  
187.207.115.250

Institute of Physics (IOP)

9 Journals

IOP Science Extra

JSTOR

Acceso Colecciones Multidisciplinarias

Encuentra el recurso que buscas

**En la sección  
recursos por  
editorial, buscar  
IOP**

**PORTAL DE REVISTAS**

**ÍNDICE DE CITAS**

BUSCAR

de revistas

### Acceso Abierto

**Colecciones de Revistas**

▶ Elsevier

Welcome to IOPscience, the home of scientific content from IOP Publishing and our partners.

Find out more about [IOPscience](#), [IOP Publishing](#) and [IOPcorporate](#).

Find content in these subject areas:

Condensed matter, soft matter and materials science

Atomic, molecular, optical and plasma physics

Nuclear and high energy particle physics

Medical physics, biological physics and biomedical engineering

Astrophysics, cosmology and gravitation

Mathematical, statistical and quantum physics

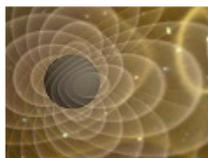
Earth and environmental science

More subjects ▾

Go

## Últimas noticias y artículos

Latest news and articles



[Congratulations to the 2017 Nobel Prize for Physics laureates Rainer Weiss, Barry C. Barish and Kip S. Thorne.](#)

[Find out more about gravitational waves in our new research collection.](#)  
3 October 2017



[Celebrate the end of Saturn mission with a free ebook - The Ringed Planet](#)  
15 September 2017



[IOP Publishing launches Remarq pilot on a number of journals](#)  
02 Jun 2017



[IOP Publishing launches Journal of Physics Communications](#)  
23 Mar 2017

Customer services

Please e-mail us at [coustserv@iop.org](mailto:coustserv@iop.org) with your questions, comments or suggestions.

Librarians

Visit [librarians.iop.org](http://librarians.iop.org), our dedicated home for librarians.

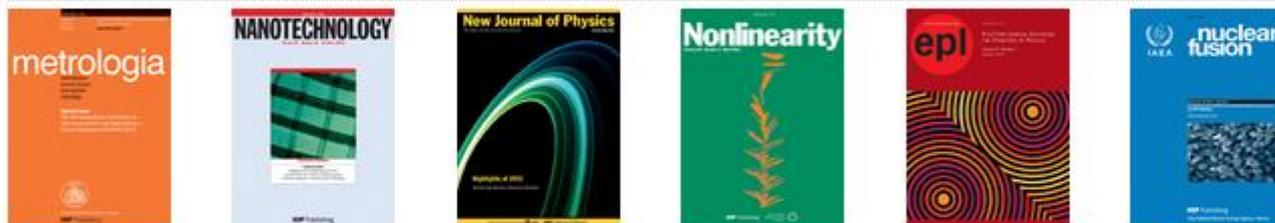
**Búsqueda de contenido en áreas preestablecidas**

  
**Continúa**



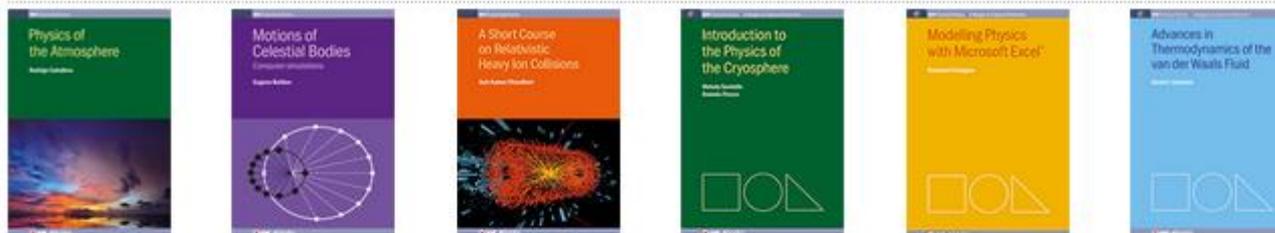
## Revistas destacadas

**Featured journals** More than 70 science journals.



## Últimos libros publicados

**Latest books** Born-digital essential physics books.



## Series de conferencias

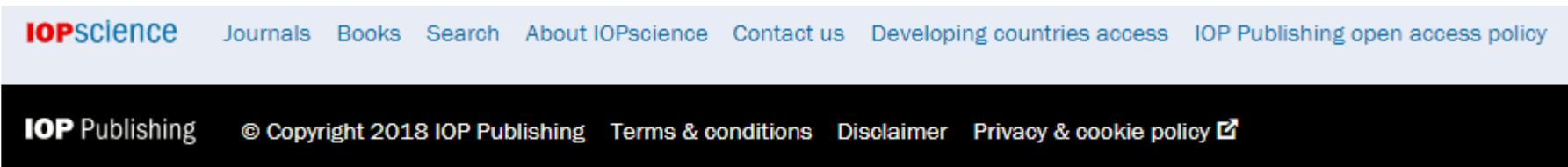
**Conference series** Specialist proceeding publications.



**Continúa**

## Página de inicio de IOPscience

En la parte inferior de la página está disponible un menú donde encontrará ligas directas a la página de inicio, Revistas, Libros, Búsqueda, Acerca de IOPscience, Contacto, Acceso para países en desarrollo y Política de Acceso Abierto



## About IOPscience- Acerca de IOPscience

Al dar clic a la liga de About IOPscience, verá un menú a la derecha (IOP Links) donde encontrará todo lo relacionado con IOPscience, IOP Publishing, Factores de Impacto, etc.

### About IOPscience

IOPscience is an online service for journal content published by IOP Publishing. IOPscience embraces innovative technologies to make it easier for researchers to access scientific, technical and medical content.

#### What makes IOPscience different?

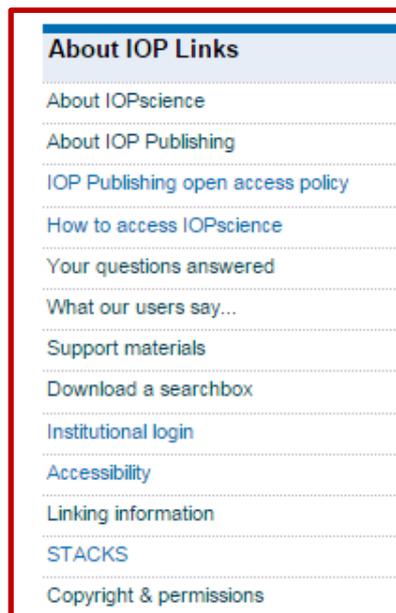
IOPscience has been designed to make it easy for researchers to discover relevant content and manage their research information.

With IOPscience you can:

- **Speed up your research:** find relevant content quickly with enhanced search filtering
- **Save time:** re-run previous searches, tagging your favorite articles
- **Keep up to date:** receive RSS feeds and email alerts when new content is published
- **Access more content:** view articles plus preprints and news
- **Interact and share:** embrace social bookmarking to share articles
- **Discover related research:** explore relevant articles based on subject classification codes
- **Make it personal:** customize your alerts, save articles of interest, and view newly published articles within your subject areas

#### Find out more

To find out more about IOPscience you can:



## Para ver las revistas suscritas y parte de IOPscience de clic en Journals



The screenshot shows the IOPscience website navigation bar. The 'Journals' menu is highlighted with a red box. Below the navigation bar, the 'Journals' dropdown menu is displayed, listing several options:

- Journals list**: Browse more than 70 science journal titles
- IOPselect**: Articles from the past year selected by our editors
- Review articles**: The latest review articles from our journals
- Subject collections**: Read the very best research published in IOP journals
- Publishing partners**: Partner organisations and publications
- IOP Conference Series**: Read open access proceedings from science conferences worldwide
- IOPcorporate**: IOP for R&D, Science fueling innovation
- Open access**: IOP Publishing open access policy guide

**Al dar clic en Journals, encontrará los siguientes menús:**

- **Lista de revistas**
- **IOPselect (selección de artículos destacados)**
- **Artículos de revisión**
- **Colección por áreas**
- **Revistas por socio**
- **Serie de Conferencias de IOP**
- **IOP Corporate. SÓLO PARA EMPRESAS**
- **Acceso abierto**

# Journal List



Al dar clic en **Journal List** verá todas las revistas publicadas por IOP y socios editoriales. Los títulos se muestran en orden alfabético

## Títulos por socio editorial

Journals

Current titles Publishing partners Archive titles

Archivo, títulos por año

Títulos actuales

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

**0-9**

2D Materials

**A**

Advances in Natural Sciences: Nanoscience and Nanotechnology

Applied Physics Express

The Astronomical Journal

The Astrophysical Journal

The Astrophysical Journal Letters

The Astrophysical Journal Supplement Series

**B**

Biofabrication

**L**

Laser Physics

Laser Physics Letters

**M**

Materials Research Express

Measurement Science and Technology

Methods and Applications in Fluorescence

Metrologia

Modelling and Simulation in Materials Science Engineering

**N**

Nano Futures

Nota: Los títulos que se van agregando a la colección, deben ser negociados por separado según condiciones de licencia

## Publishing Partners

Al dar clic en **Publishing partners** verá todas las revistas por socio editorial.

### Journals

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

**A**

---

**American Astronomical Society** [↗](#)

---

Research Notes of the AAS

---

The Astronomical Journal

---

The Astrophysical Journal

---

The Astrophysical Journal Letters

---

The Astrophysical Journal Supplement Series

---

**Astro Ltd** [↗](#)

---

Laser Physics

---

Laser Physics Letters

---

**Astronomical Society of the Pacific** [↗](#)

---

Publications of the Astronomical Society of the Pacific

---

IOP Expanding Physics

---

Inverse Problems

---

Journal of Breath Research

---

Journal of Micromechanics and Microengineering

---

Journal of Neural Engineering

---

Journal of Optics

---

Journal of Physics A: Mathematical and Theoretical

---

Journal of Physics B: Atomic, Molecular and Optical Physics

---

Journal of Physics Communications

---

Journal of Physics D: Applied Physics

---

Journal of Physics G: Nuclear and Particle Physics

---

Journal of Physics: Condensed Matter

## IOPselect

Al dar clic en IOPselect, verá la colección de artículos que por su novedad, relevancia para la ciencia y potencial impacto en futuras investigaciones, fueron elegidos para ser parte de esta colección

Se pueden hacer búsquedas dentro de la colección por revista, área y/o fecha

### IOPcollections

Collection type: [IOPselect](#) [Featured articles](#) [Review articles](#)

 [RSS this search](#)

#### IOP COLLECTIONS

These special collections provide instant access to IOP articles chosen for their quality and recency

### IOPselect (568)

Articles from the last 12 months that have been chosen by our editors for their novelty, significance and potential impact on future research. All select articles are first published in the source journals.

Select All Journals ▼

Select All Subjects ▼

All Dates ▼

[Go](#)

Export top 100 results [BibTeX](#) [RIS](#) [View all descriptions](#)

1-10 of 568 results

[Cavity-enhanced ultrafast two-dimensional spectroscopy using higher order modes](#)

Thomas K Allison

2017 *J. Phys. B: At. Mol. Opt. Phys.* **50** 044004

[+ View abstract](#) [View article](#) [PDF](#)

[Assessing the amorphousness and periodicity of common domain boundaries in silica bilayers on Ru\(0 0 1\)](#)

Kristen M Burson, Christin Büchner, Markus Heyde and Hans-Joachim Freund

2017 *J. Phys.: Condens. Matter* **29** 035002

[+ View abstract](#) [View article](#) [PDF](#)

## Review Articles

Al dar clic en Review Articles, verá la colección de artículos de revisión publicados en todas las revistas y no sólo en Reports on Progress in Physics.

Se pueden hacer búsquedas dentro de la colección por revista, área y/o fecha

### IOPcollections

Collection type: [IOPselect](#) [Featured articles](#) [Review articles](#)

 [RSS this search](#)

#### Review articles (15736)

Bringing together review articles including topical reviews and those from IOP's dedicated review journal, Reports on Progress in Physics.

Select All Journals ▼

Select All Subjects ▼

All Dates ▼

[Go](#)

[View all abstracts](#)

1-10 of 15736 results

#### [Micro- and nanofabrication methods for ion channel reconstitution in bilayer lipid membranes](#)

Daisuke Tadaki, Daichi Yamaura, Kohei Arata, Takeshi Ohori, Teng Ma, Hideaki Yamamoto, Michio Niwano and Ayumi Hirano-Iwata  
2018 *Jpn. J. Appl. Phys.* **57** 03EA01

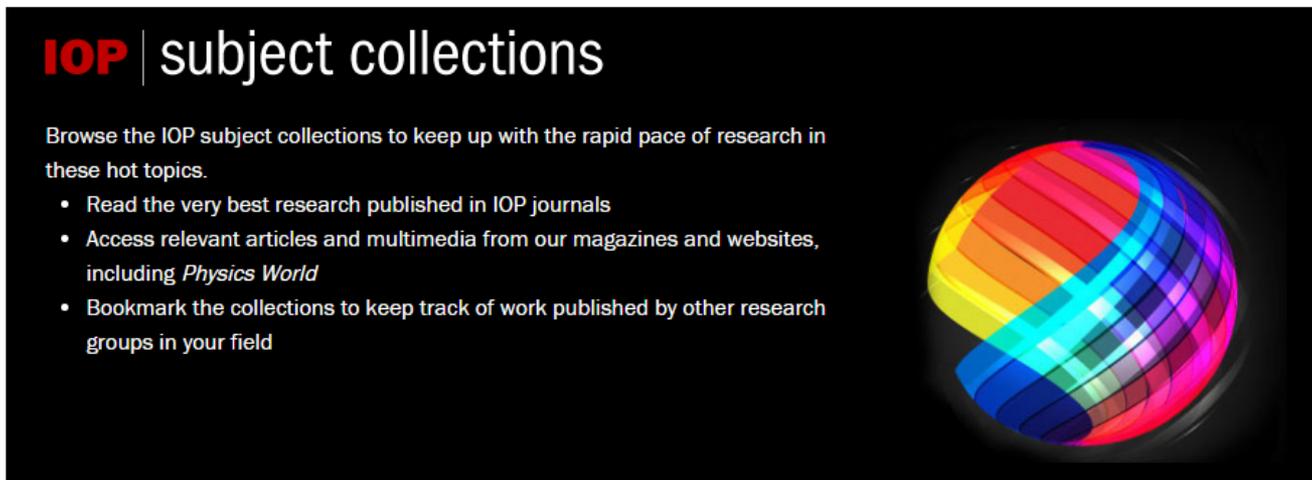
[+ View abstract](#)

 [View article](#)

 [PDF](#)

## Subject collections

Al dar clic en Subject collections (colecciones por área) verá artículos publicados en cualquier revista que traten sobre temas específicos compilados por áreas temáticas.

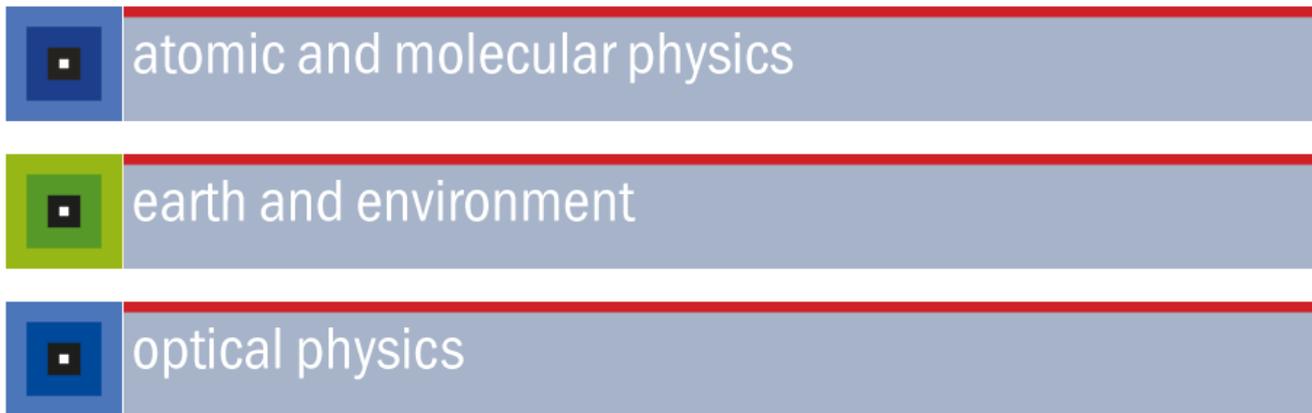


**IOP | subject collections**

Browse the IOP subject collections to keep up with the rapid pace of research in these hot topics.

- Read the very best research published in IOP journals
- Access relevant articles and multimedia from our magazines and websites, including *Physics World*
- Bookmark the collections to keep track of work published by other research groups in your field

Click on the subject collections listed below to explore the content published in these areas:



atomic and molecular physics

earth and environment

optical physics

### ABOUT IOP LINKS

[About IOPscience](#)

[About IOP Publishing](#)

[IOP Publishing open access policy](#)

[How to access IOPscience](#)

[Your questions answered](#)

[What our users say...](#)

[Support materials](#)

[Institutional login](#)

[Accessibility](#)

[Linking information](#)

### STACKS

[Copyright, permissions & author rights](#)

[IOP Journal Archive](#)

[IOPscience express](#)

[IOPscience extra](#)

[IOPscience extra online banners](#)

[Journal recommendation](#)

[IOPcorporate](#)

[Tutorials](#)

[2015 Impact Factors for IOP Publishing journals](#)

[2016 Nobel Prize Collection](#)

## IOP Conference Series

Al dar clic en **IOP Conference Series** verá la página de las series de Conferencias de IOP, con datos de interés; los títulos a publicar, testimonios, beneficios, etc.

### IOP Conference Series

Proceedings services for science

Get new quote

[Home](#) [About Us](#) [Authors](#) [Organizers](#) [IOPscience](#) [Search](#)



The open access IOP Conference Series provides a fast, versatile and cost-effective proceedings publication service for your conference. Key publishing subject areas include: physics, materials science, environmental science, bioscience, engineering, computational science and mathematics.

We are celebrating the 10th anniversary of IOP Conference Series and, to mark this occasion, we have put together a collection of the most influential work to have been presented at recent conferences. We want to thank conference organizers, authors, referees and readers for working with us in the past ten years. [Browse the collection here.](#)

#### New for 2016

IOP Conference Series is launching Video Proceedings—an engaging and interactive way to increase the visibility of your conference. Email us at [conferenceseries@iop.org](mailto:conferenceseries@iop.org) if you want to find out more about this service for your conference.

[View published volumes](#) [Forthcoming volumes](#) [Testimonials](#)

[Browse our published proceedings](#)

Search  
Conference  
Proceedings

**IOP**corporate  
Where science and  
industry converge

 **IOP | ebooks**  
The society book  
publisher in physics

## Open access

Al dar clic en **Open access** encontrará la política de acceso abierto de IOP, opciones para autores, listado de revistas, precios y todo lo que desea saber sobre el tema.

## Open access

IOP Publishing is a strong supporter of open science and open access to scientific research. A pioneer in open access publishing in physics, we launched the first fully open access journal in physics, [New Journal of Physics](#), with the Institute of Physics and the Deutsche Physikalische Gesellschaft in 1998. Since then, we have launched several new open access journals including [Environmental Research Letters](#) and [Journal of Physics Communications](#). In addition, we have introduced open access publishing options for authors in our conventional subscription journals. Click [here](#) for a full list of all of IOP Publishing's open access options.

### Open access licences

By default, we publish all open access articles under a [Creative Commons CC BY 3.0 licence](#), which allows the widest possible sharing of research, while ensuring full attribution for authors.

### Managing the costs of open access

IOP Publishing has also been at the forefront in developing ways for libraries and funders to [manage the costs of open access publishing](#). Offsetting arrangements have been established in several countries. These arrangements enable institutions to offset their open access costs against their subscription costs. IOP Publishing operates a transparent mechanism to reduce subscription prices to compensate for growth in open access revenues. We also offer institutional membership schemes to reduce the costs of publishing in our fully gold open access journals.

### Supporting the infrastructure of open access

IOP Publishing is a member of the [Open Access Scholarly Publishers Association](#) and a sponsor and member of the [Directory of Open Access Journals](#).

### Open data policy

IOP Publishing supports the [FAIR](#) principles for research data. These assert that research data should be Findable, Accessible, Interoperable and Re-usable.

Authors are encouraged to make the data underpinning their article available to editors, reviewers and readers without undue restriction, wherever practical, legal and ethical to do so. Authors can make small amounts of data available within

Share this page



#### RELATED INFORMATION

[Open access options for authors](#)

[Gold open access journals](#)

[Hybrid open access in subscription journals](#)

[Sponsored open access journals](#)

[Conference series open access journals](#)

[Article publication charge pricing and the costs of open access publishing](#)

[Paying for open access](#)

[Open access policies and mandates](#)

[What green open access options does IOP offer?](#)

[Open access refund policy](#)

[Supplementary material and data in journal articles](#)

JUMP TO...

**Liga directa a colección de libros electrónicos (\*sujeta a compra)**

[IOPscience](#)
[Journals](#)
[Books](#)
[Publishing Support](#)
[Login](#)

[Search](#)
[Article Lookup](#)

## Browse books

Sort by: [Latest](#) [Oldest](#) [A-Z title](#)

Filter by: [All collections](#) [All years](#) [Go](#)

[View all descriptions](#)

1-10 of 218 results



### What's the Matter with Waves?

**Author** William Parkinson

Published December 2017

[PDF book](#) [ePub book](#)

[Kindle book](#)

[+ View description](#)



### Creating Materials with a Desired Refraction Coefficient

**Author** Alexander G Ramm

Published December 2017

[PDF book](#) [ePub book](#)

[Kindle book](#)

[+ View description](#)



### Theory of Magnetolectric Properties of 2D Systems

**Authors** S C Chen, J Y Wu, C Y Lin and M F Lin

Published December 2017

[PDF book](#) [ePub book](#)

[Kindle book](#)

[+ View description](#)



### Musical Sound, Instruments, and Equipment

**Author** Panos Photinos

Published December 2017

[PDF book](#) [ePub book](#)

[Kindle book](#)

[+ View description](#)

#### BOOKS LINKS

[Browse books](#)

[+Collections](#)

[+Series](#)

[Author Resources](#)

[Librarian Resources](#)

[Webinars](#)

[Pricing and Ordering](#)

[About IOP ebooks](#)



## Publishing Support

Publishing Support proporciona asesoramiento y directrices gratuitas para publicar con IOP Publishing. Con guías paso a paso, videos y respuestas a preguntas frecuentes sobre todos los temas de interés, esta sección lo guiará a través de cada paso de su viaje como autor, revisor o organizador de la conferencia.


[Journals](#) ▾
 [Books](#)
[Publishing Support](#)


[Article Lookup](#) ▾

All ▾ |



Authors +



Reviewers +



Conference Organisers +

### Welcome to Publishing Support

Publishing Support provides free advice and guidelines to help you publish your research with IOP Publishing. With step-by-step guides, videos and frequently asked questions on everything from submission to publication and beyond, Publishing Support will guide you through every step of your journey as an author, reviewer or conference organiser.

### Other publishing services

**IOP** editing

### Useful links

- [Open access](#)
- [Author rights policies](#)
- [Copyright](#)
- [Permissions](#)
- [Ethical policy for journals](#)

### Step by step guides

- [Author guidelines for IOP journals](#)
- [Reviewer guidelines for IOP journals](#)
- [Creating and submitting your IOP ebook proposal](#)
- [Author guidelines for conference proceedings](#)

### Frequently viewed

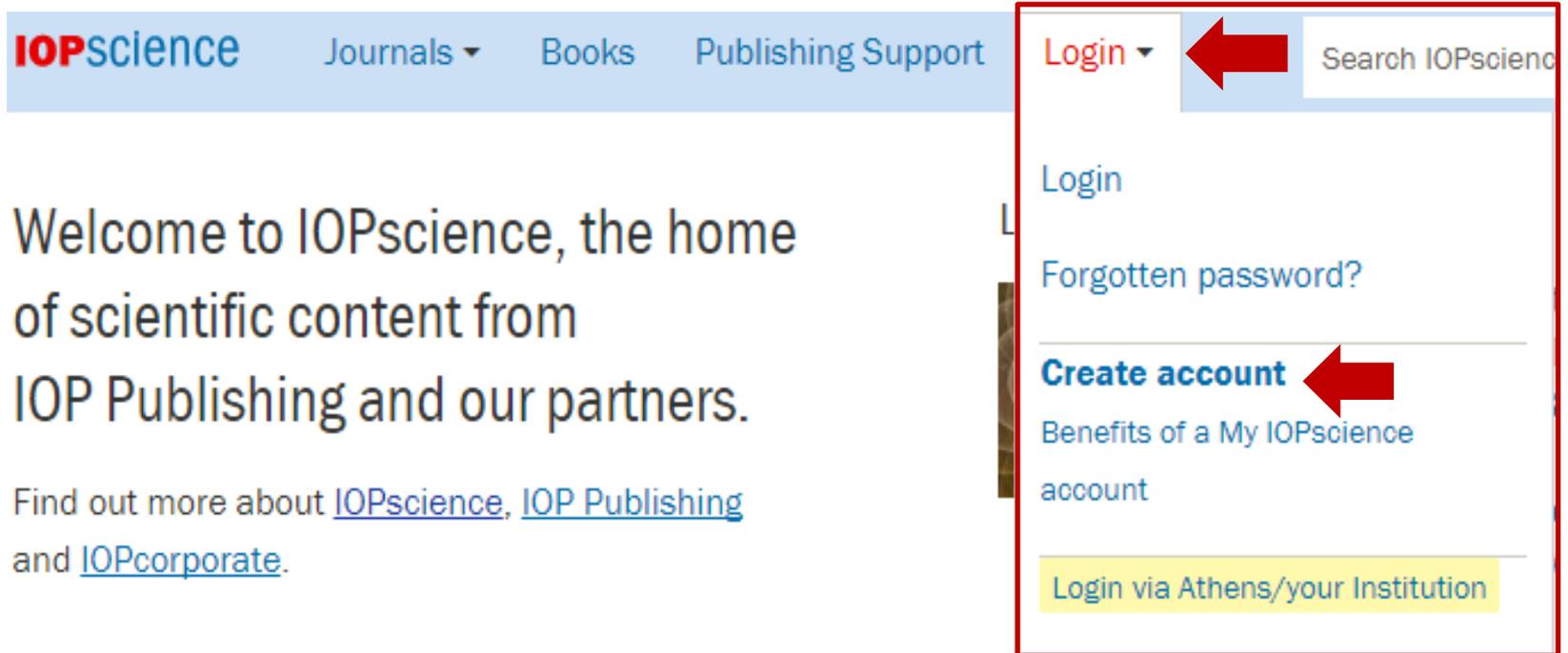
[Journals](#)

[Ebooks](#)

[Conference proceedings](#)

## Crear una cuenta en IOPscience

Permite administrar su sesión, guardar búsquedas, crear etiquetas, alertas y recuperar descargas

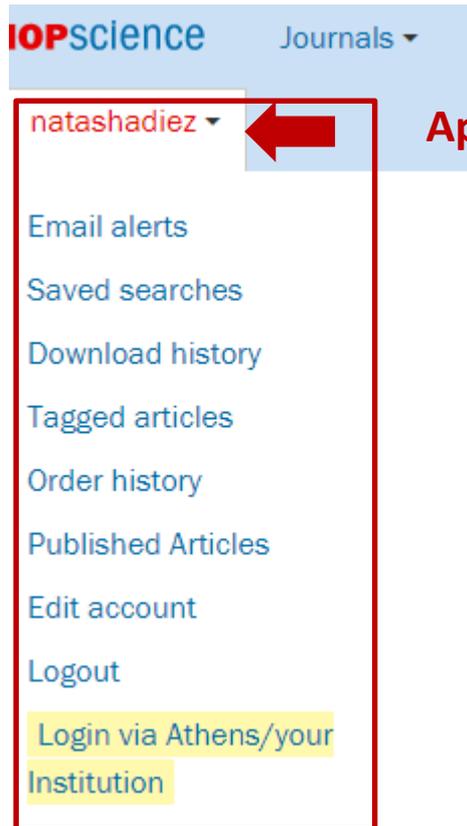


The screenshot shows the IOPscience website interface. The top navigation bar includes the IOPscience logo, 'Journals', 'Books', and 'Publishing Support'. A search bar is visible on the right. The main content area features a welcome message and links to learn more about IOPscience, IOP Publishing, and IOPcorporate. A red box highlights the 'Login' dropdown menu, which contains options for 'Login', 'Forgotten password?', 'Create account', 'Benefits of a My IOPscience account', and 'Login via Athens/your Institution'. Red arrows point to the 'Login' and 'Create account' options.

**De clic en Login y después en Create an account para crear una cuenta y llenar el formato con los datos requeridos**

## Nuestra cuenta en IOPscience

Una vez llenado el formulario y haber creado su cuenta, podrá administrarla



**Aparecerá el nombre de usuario**

**Al dar clic en el nombre de usuario, se desplegará el menú para poder administrar las sesiones:**

- **Alertas por correo**
- **Búsquedas guardadas**
- **Historial de descargas**
- **Artículos etiquetados**
- **Historial de ordenes** (en caso de que la institución no cuente con suscripción y se compre el artículo)
- **Artículos Publicados**
- **Editar cuenta**
- **Salir**
- **Acceso institucional vía Athens** (en caso de que su institución cuente con él)

## My IOPscience- Sólo disponible cuando se crea una cuenta

En My IOPscience podrá administrar todos los artículos etiquetados, búsquedas guardadas, alertas de correo, descargas, compras y artículos publicados a través de las diferentes pestañas

### My IOPscience

#### Pestañas de administración

Tagged articles	Saved searches	E-mail alerts	Downloads	Order history	Published articles
<p>All your tagged articles are listed below.            Select any tag to view all the articles you have labelled with that tag, or remove any articles you no longer want to keep tagged.</p>					
<hr/>					
Optical band gap and the Burstein-Moss effect in iodine doped PbTe using diffuse reflectance infrared Fourier transform spectroscopy				Tags: <a href="#">usach</a>	 <a href="#">Remove</a>
Date last tagged: 23/07/2013 21:25					
<hr/>					
Chaotic inflation in modified gravitational theories				Tags: <a href="#">test</a>	 <a href="#">Remove</a>
Date last tagged: 05/10/2011 22:16					
<hr/>					
Phase-field models in materials science				Tags: <a href="#">ecopetrol</a>	 <a href="#">Remove</a>
Date last tagged: 23/02/2011 21:20					
<hr/>					
Molecular Dynamics Study on Microstructure of Potassium Dihydrogen Phosphates Solution				Tags: <a href="#">uam</a>	 <a href="#">Remove</a>
Date last tagged: 13/04/2011 18:06					
<hr/>					
Optical Realization of Deterministic Entanglement Concentration of Polarized Photons				Tags: <a href="#">test</a>	 <a href="#">Remove</a>
Date last tagged: 02/05/2008 19:02					

## Página individual de cada revista

Todas las páginas individuales de cada una de las revistas son iguales y encontrará la misma información (excepto los resúmenes en video que no están disponibles en todos los títulos)

**IOPscience** Journals ▾ Books natashadiez ▾ Search all IOPscience content

<p><b>Journals list</b> Browse more than 70 science journal titles</p> <p><b>IOPselect</b> Articles from the past year selected by our editors</p> <p><b>Review articles</b> The latest review articles from our journals</p>	<p><b>Subject collections</b> Read the very best research published in IOP journals</p> <p><b>Publishing partners</b> Partner organisations and publications</p> <p><b>IOP Conference Series</b> Read open access proceedings from science conferences worldwide</p>	<p><b>IOPcorporate</b> IOP for R&amp;D Science fueling innovation</p> <p><b>Open access</b> IOP Publishing open access policy guide</p>
---	--	---

**T** **U** **V** **W** **X**

**A**

- Advances in Natural Sciences: Nanoscience and Nanotechnology
- Applied Physics Express
- The Astronomical Journal
- The Astrophysical Journal
- The Astrophysical Journal Letters
- The Astrophysical Journal Supplement Series

**B**

- Biofabrication
- Bioinspiration & Biomimetics

**M**

- Materials Research Express
- Measurement Science and Technology
- Methods and Applications in Fluorescence
- Metrologia
- Modelling and Simulation in Materials Science and Engineering

**N**

- Nano Futures
- Nanotechnology
- New Journal of Physics

De clic a Journals, luego a la lista de revistas (Journals List) y después elegir la revista de su interés

# Página individual de cada revista

## Socio editorial (cuando aplique)

### New Journal of Physics

The open access journal at the forefront of physics

Deutsche Physikalische Gesellschaft DPG IOP Institute of Physics

*New Journal of Physics* (NJP) publishes important new research of the highest scientific quality with significance across a broad readership. The journal is owned and run by scientific societies, with the selection of content and the peer review managed by a prestigious international board of scientists.

### Información general de la revista

[December 2017 \(122001-125016\)](#)

### Editorial & news

#### [2016 Reviewer Award winners announced](#)

As part of our commitment to recognise and reward peer review, IOP Publishing is delighted to announce our Outstanding Reviewer Awards winners for 2016. The best reviewers from each journal have been carefully selected by our Editors based on quality, quantity and timeliness of their reviews. Click [here](#) to see the list of winners for NJP.

### Noticias editoriales

Current volume

Journal archive

Focus issues

**NEW** [View accepted manuscripts](#)

[Sign up for new issue notifications](#)

### Factor de impacto

**3.786**

**2016 IMPACT FACTOR**

#### JOURNAL LINKS

[Journal home](#)

[Scope](#)

[Editorial board](#)

[Abstracted in](#)

[Author benefits](#)

[Article charge](#)

[Highlights of 2016](#)

[IOP reviewer awards 2016](#)

[Early Career Award](#)

[Fast track communications](#)

['Focus on' series](#)

[Spotlights](#)

[Perspectives](#)

[General scientific summaries](#)

[Associate members](#)

[Copyright and permissions](#)

[Contact us](#)

[Guidelines and policies](#)

[Submit an article](#)

#### Trending on Altmetric



[Latent heat of traffic moving from rest](#)



[Nanoscale superconducting memory based on the kinetic inductance of asymmetric nanowire loops](#)

### Para enviar un artículo a esta revista

# Página individual de cada revista



## Listado de volúmenes, retrospectivo y ediciones especiales

### New Journal of Physics

The open access journal at the forefront of physics



*New Journal of Physics* (NJP) publishes important new research of the highest scientific quality with significance across a broad readership. The journal is owned and run by scientific societies, with the selection of content and the peer review managed by a prestigious international board of scientists.

Deutsche Physikalische Gesellschaft DPG IOP Institute of Physics

Current volume  
Number 12, December 2017 Go

Journal archive  
Vol 19, 2017 Go

Focus issues  
Focus on Phase Transitions in Cells: From Metastable Drop: Go

3.786

2016 IMPACT FACTOR

#### JOURNAL LINKS

- Journal home
- Scope
- Editorial board
- Abstracted in
- Author benefits
- Article charge
- Highlights of 2016
- IOP reviewer awards 2016
- Early Career Award
- Fast track communications
- 'Focus on' series
- Spotlights
- Perspectives
- General scientific summaries
- Associate members
- Copyright and permissions
- Contact us
- Guidelines and policies
- Submit an article

Ligas de interés

Ver manuscritos aceptados

[NEW View accepted manuscripts](#)

Crear notificaciones

[Sign up for new issue notifications](#)

New J. Phys. (1998 - present) Volume Article or page Find article

### Editorial & news

#### [2016 Reviewer Award winners announced](#)

As part of our commitment to recognise and reward peer review, IOP Publishing is delighted to announce our Outstanding Reviewer Awards winners for 2016. The best reviewers from each journal have been carefully selected by our Editors based on quality, quantity and timeliness of their reviews. Click [here](#) to see the list of winners for NJP.

#### Trending on Altmetric

[Latent heat of traffic moving from rest](#)

[Nanoscale superconducting memory based on the kinetic inductance of asymmetric nanowire loops](#)

Tendencias en Altmetric

Búsqueda en un número específico

## Página individual de cada revista

Artículos más leídos, más citados, los últimos publicados y los seleccionados en esta revista

Most read
Most cited
Latest articles
Select articles

[View all abstracts](#)

---

**OPEN ACCESS**

[Latent heat of traffic moving from rest](#)

S Farzad Ahmadi *et al* 2017 *New J. Phys.* **19** 113034

[+ View abstract](#)
[View article](#)
[PDF](#)
[ePub](#)

---

[A simple route to a tunable electromagnetic gateway](#)

Huanyang Chen *et al* 2009 *New J. Phys.* **11** 083012

[+ View abstract](#)
[View article](#)
[PDF](#)

---

**OPEN ACCESS**

[Controlled double-slit electron diffraction](#)

Roger Bach *et al* 2013 *New J. Phys.* **15** 033018

[+ View abstract](#)
[View article](#)
[PDF](#)

---

**OPEN ACCESS**

[The physics of badminton](#)

Caroline Cohen *et al* 2015 *New J. Phys.* **17** 063001

[+ View abstract](#)
[View article](#)
[PDF](#)

---

**OPEN ACCESS**

[Feasibility of large-scale power plants based on thermoelectric effects](#)

Liping Liu 2014 *New J. Phys.* **16** 123019

[+ View abstract](#)
[View article](#)
[PDF](#)

# Página de inicio de IOPscience

## Campo para realizar búsquedas simples

[IOPscience](#)
[Journals](#)
[Books](#)
[Publishing Support](#)
[natashadiez](#)


[Article Lookup](#)

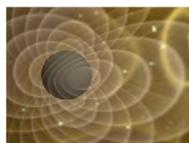
Welcome to IOPscience, the home of scientific content from IOP Publishing and our partners.

Find out more about [IOPscience](#), [IOP Publishing](#) and [IOPcorporate](#).

### Find content in these subject areas:

- Condensed matter, soft matter and materials science
- Atomic, molecular, optical and plasma physics
- Nuclear and high energy particle physics
- Medical physics, biological physics and biomedical engineering
- Astrophysics, cosmology and gravitation
- Mathematical, statistical and quantum physics
- Earth and environmental science

### Latest news and articles



[Congratulations to the 2017 Nobel Prize for Physics laureates Rainer Weiss, Barry C. Barish and Kip S. Thorne.](#)  
 Find out more about gravitational waves in our new research collection.  
 3 October 2017



[Celebrate the end of Saturn mission with a free ebook – The Ringed Planet](#)  
 15 September 2017



[IOP Publishing launches Remarq pilot on a number of journals](#)  
 02 Jun 2017



[IOP Publishing launches Journal of Physics Communications](#)  
 23 Mar 2017

### Customer services

Please e-mail us at [custserv@iop.org](mailto:custserv@iop.org) with your questions, comments or suggestions.

### Librarians

Visit [librarians.iop.org](http://librarians.iop.org), our dedicated home for librarians.

# Resultados de Búsqueda

Introducir término de búsqueda\* y dar clic en buscar

IOPscience Journals Books Publishing Support natashadiez  Search Article Lookup

## Refine your search

Apply filters

Clear filters

+ Date published

+ Journals

+ Authors

+ Publication type

The top 500 results for "nanotechnology" are:

Within: Anytime

Showing 1-10 of 500

Email alert

RSS search

Sort by:

Relevance

### JOURNAL ARTICLE

What is Nanotechnology?

2003 *0957-4484* **14** <https://doi.org/10.1088/0957-4484/14/1/001>

+ View abstract

View article

### JOURNAL ARTICLE

Formation of elements of integrated acousto-optic cell based on LiNbO<sub>3</sub> films by methods of nanotechnology

O A Ageev, E G Zamburg, A S Kolomiitsev, D O Suchkov, I A Shipulin and A V Shumov

2015 *1742-6596* **643** 012031 <https://doi.org/10.1088/1742-6596/643/1/012031>

+ View abstract

View article

PDF

### JOURNAL ARTICLE

Scenario planning and nanotechnological futures

Darryl Farber and Akhlesh Lakhtakia

2009 *Eur. J. Phys.* **30** S3 <https://doi.org/10.1088/0143-0807/30/4/S02>

+ View abstract

View article

PDF

### JOURNAL ARTICLE

Conducting carbonized polyaniline nanotubes

Slavko Mentus, Gordana Ćirić-Marjanović, Miroslava Trohová and Jaroslav Stejskal

2009 *Nanotechnology* **20** 245601 <https://doi.org/10.1088/0957-4484/20/24/245601>

+ View abstract

View article

PDF

### JOURNAL ARTICLE

Nanomaterials, nanomechanics and finite elements: a bibliography (1994–2004)

\* Además se pueden realizar búsquedas por autor, afiliación, DOI, etc.

## Refinar Búsqueda

**Refine your search**

[Apply filters](#) [Clear filters](#)

---

**Date published**

Anytime

The last month

The last 12 months

The last 5 years

---

**Journals**

---

**Authors**

---

**Publication type**

Articles (9787)

Books content (33)



The top 500 results for "nanotechnology" are:

Within: Anytime

Showing 1-10 of 500

 Email alert  RSS search Sort by:

- Relevance ▾
- Most recent
- Oldest
- Relevance



JOURNAL ARTICLE

What is Nanotechnology?

2003 0957-4484 **14** <https://doi.org/10.1088/0957-4484/14/1/001>

[+ View abstract](#) [View article](#)

JOURNAL ARTICLE

Formation of elements of integrated acousto-optic cell based on LiNbO<sub>3</sub> films by methods of nanotechnology

O A Ageev, E G Zamburg, A S Kolomyitsev, D O Suchkov, I A Shipulin and A V Shumov

2015 1742-6596 **643** 012031 <https://doi.org/10.1088/1742-6596/643/1/012031>

[+ View abstract](#) [View article](#) [PDF](#)

JOURNAL ARTICLE

Scenario planning and nanotechnological futures

Darryl Farber and Akhlesh Lakhtakia

2009 *Eur. J. Phys.* **30** S3 <https://doi.org/10.1088/0143-0807/30/4/S02>

[act](#) [View article](#) [PDF](#)

CLE

carbonized polyaniline nanotubes

is, Gordana Ćirić-Marjanović, Miroslava Trohová and Jaroslav Stejskal

*Technology* **20** 245601 <https://doi.org/10.1088/0957-4484/20/24/245601>

[act](#) [View article](#) [PDF](#)

**Ordenar por:**

- **Relevancia**
- **Más reciente**
- **Más antiguo**

**Refinar la búsqueda por:**

- **Fecha de publicación**
- **Revista**
- **Autores**
- **Tipo de publicación (libro o artículo de revista)**

# Refinar Búsqueda

## Refine your search

Apply filters

Clear filters

### Date published

- Anytime
- The last month
- The last 12 months
- The last 5 years

### Journals

### Authors

### Publication type

- Articles (9787)
- Books content (33)

The top 500 results for "nanotechnology" are:

Within: Anytime

Showing 1-10 of 500

Email alert RSS search

Sort by:

- Relevance
- Most recent
- Oldest
- Relevance

#### JOURNAL ARTICLE

What is Nanotechnology?

2003 0957-4484 **14** <https://doi.org/10.1088/0957-4484/14/1/001>

+ View abstract View article

#### JOURNAL ARTICLE

Formation of elements of integrated acousto-optic cell based on LiNbO<sub>3</sub> films by methods of nanotechnology

O A Ageev, E G Zamburg, A S Kolomyitsev, D O Suchkov, I A Shipulin and A V Shumov  
2015 1742-6596 **643** 012031 <https://doi.org/10.1088/1742-6596/643/1/012031>

+ View abstract View article PDF

#### JOURNAL ARTICLE

Scenario planning and nanotechnological futures

Darryl Farber and Akhlesh Lakhtakia  
2009 *Eur. J. Phys.* **30** S3 <https://doi.org/10.1088/0143-0807/30/4/S02>

+ View abstract View article PDF

#### JOURNAL ARTICLE

Conducting carbonized polyaniline nanotubes

Slavko Mentus, Gordana Ćirić-Marjanović, Miroslava Trchová and Jaroslav Stejskal  
2009 *Nanotechnology* **20** 245601 <https://doi.org/10.1088/0957-4484/20/24/245601>

+ View abstract View article PDF

Crear alertas y Feeds RSS

Número de artículos y contenido en libros con el término de búsqueda

## Resultados de Búsqueda

### JOURNAL ARTICLE

Formation of elements of integrated acousto-optic cell based on LiNbO<sub>3</sub> films by methods of nanotechnology

O A Ageev, E G Zamburg, A S Kolomiitsev, D O Suchkov, I A Shipulin and A V Shumov

2015 *1742-6596* **643** 012031 <https://doi.org/10.1088/1742-6596/643/1/012031>

← **Todos los datos del artículo**

Hide abstract

View article

PDF

In the experiments we defined modes, and developed the technology of formation of elements of input-output laser emission and microlens of integrated acousto-optic cell by Pulsed Laser Deposition and Focused Ion Beams by using nanotechnology cluster complex, allowing controlled creation of elements in a single process cycle.

**Resumen del artículo**

### JOURNAL ARTICLE

Scenario planning and nanotechnological futures

Darryl Farber and Akhlesh Lakhtakia

2009 *Eur. J. Phys.* **30** S3 <https://doi.org/10.1088/0143-0807/30/4/S02>

View abstract

View article

PDF

**Descarga del artículo en dos formatos: HTML y PDF**

### JOURNAL ARTICLE

Conducting carbonized polyaniline nanotubes

Slavko Mentus, Gordana Ćirić-Marjanović, Miroslava Trohová and Jaroslav Stejskal

2009 *Nanotechnology* **20** 245601 <https://doi.org/10.1088/0957-4484/20/24/245601>

↑ **Para ver resumen del artículo**

# Página del artículo- al dar clic en el título

LETTER • OPEN ACCESS • IOPSELECT

## Quantifying the consensus on anthropogenic global warming in the scientific literature

### Autores

John Cook<sup>1,2,3</sup>, Dana Nuccitelli<sup>2,4</sup>, Sarah A Green<sup>5</sup>, Mark Richardson<sup>6</sup>, Bärbel Winkler<sup>2</sup>, Rob Painting<sup>2</sup>, Robert Way<sup>7</sup>, Peter Jacobs<sup>8</sup> and Andrew Skuce<sup>2,9</sup>

Published 15 May 2013 • 2013 IOP Publishing Ltd

[Environmental Research Letters, Volume 8, Number 2](#)

← Datos de la revista y cuando fue publicado el artículo

767001 Total downloads

Cited by 88 articles



Share this article



### Related content

#### JOURNAL ARTICLES

Consensus on consensus: a synthesis of consensus estimates on human-caused global warming

History and future of the scientific consensus on anthropogenic global warming

Comment on 'Quantifying the consensus on anthropogenic global warming in the scientific literature'

Assessing ExxonMobil's climate change communications (1977-2014)

'Ye Olde Hot Aire': reporting on human contributions to climate change in the UKtabloid press

The climate change consensus extends beyond climate scientists

Article PDF

← Descarga en PDF y ePub\* (\*Sólo disponible en algunas revistas)

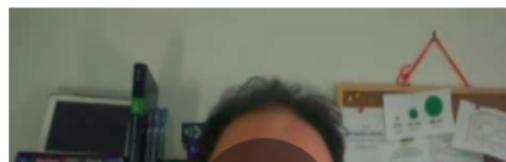
Figures ▾ References ▾ Citations ▾ ← Referencias, Citas y figuras

A perspective for this article has been published in [2013 Environ. Res. Lett. 8 031003](#)

### + Article information

### Abstract ← Resumen del artículo

We analyze the evolution of the scientific consensus on anthropogenic global warming (AGW) in the peer-reviewed scientific literature,



#### Abstract

1. Introduction

2. Methodology

3. Results

4. Discussion

5. Conclusion

Acknowledgments

References

Citations

# Página del artículo- al dar clic en el título

LETTER • OPEN ACCESS • IOPSELECT

## Quantifying the consensus on anthropogenic global warming in the scientific literature

John Cook<sup>1,2,3</sup>, Dana Nuccitelli<sup>2,4</sup>, Sarah A Green<sup>5</sup>, Mark Richardson<sup>6</sup>, Bärbel Winkler<sup>2</sup>, Rob Painting<sup>2</sup>, Robert Way<sup>7</sup>, Peter Jacobs<sup>8</sup> and Andrew Skuce<sup>2,9</sup>

Published 15 May 2013 • 2013 IOP Publishing Ltd

[Environmental Research Letters](#), [Volume 8](#), [Number 2](#)

Article PDF

[Figures](#) ▾ [References](#) ▾ [Citations](#) ▾

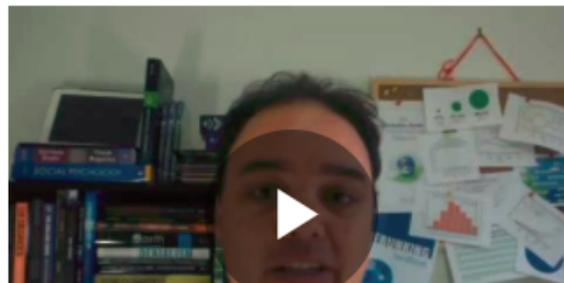
A perspective for this article has been published in [2013 Environ. Res. Lett. 8 031003](#)

### + Article information

#### Abstract

We analyze the evolution of the scientific consensus on anthropogenic global warming (AGW) in the peer-reviewed scientific literature, examining 11 944 climate abstracts from 1991–2011 matching the topics 'global climate

**Resumen en video** (cuando la revista y el autor lo permiten)



**Compartir el artículo**

### Métrica del artículo

767001 Total downloads

Cited by 88 articles



Turn on MathJax

Share this article



### Ligas al contenido

[Abstract](#)

[1. Introduction](#)

[2. Methodology](#)

[3. Results](#)

[4. Discussion](#)

[5. Conclusion](#)

[Acknowledgments](#)

[References](#)

[Citations](#)

[↑ Back to top](#)

### Related content

#### JOURNAL ARTICLES

[Consensus on consensus a synthesis of consensus estimates on human-caused global warming](#)

[History and future of the scientific consensus on anthropogenic global warming](#)

[Comment on 'Quantifying the consensus on anthropogenic global warming in the scientific literature'](#)

[Assessing ExxonMobil's climate change communications \(1977–2014\)](#)

['Ye Olde Hot Aire'\\*: reporting on human contributions to climate change in the UKtabloid press](#)

**Contenido relacionado**

## Página del Artículo- Métricas

LETTER • OPEN ACCESS • IOPSELECT

# Quantifying the consensus on anthropogenic global warming in the scientific literature

John Cook<sup>1,2,3</sup>, Dana Nuccitelli<sup>2,4</sup>, Sarah A Green<sup>5</sup>, Mark Richardson<sup>6</sup>, Bärbel Winkler<sup>2</sup>, Rob Painting<sup>2</sup>, Robert Way<sup>7</sup>, Peter Jacobs<sup>8</sup> and Andrew Skuce<sup>2,9</sup>

Published 15 May 2013 • 2013 IOP Publishing Ltd

[Environmental Research Letters](#), Volume 8, Number 2

Article PDF

767001 Total downloads

Cited by 88 articles

Métricas



Turn on MathJax

Share this article



Al poner el mouse sobre la Métrica, se despliega toda la información

<span style="color: red;">■</span>	Picked up by 142 news outlets
<span style="color: orange;">■</span>	Blogged by 75
<span style="color: purple;">■</span>	Referenced in 1 policy sources
<span style="color: cyan;">■</span>	Tweeted by 1758
<span style="color: blue;">■</span>	On 302 Facebook pages
<span style="color: grey;">■</span>	Referenced in 8 Wikipedia pages
<span style="color: pink;">■</span>	Mentioned in 83 Google+ posts
<span style="color: lightblue;">■</span>	Reddited by 9
<span style="color: lightgrey;">■</span>	Mentioned in 1 Q&A threads
<span style="color: green;">■</span>	On 7 videos
<span style="color: darkred;">■</span>	7 readers on Mendeley
<span style="color: lightblue;">■</span>	10 readers on CiteULike

[See more details](#) | [Close this](#)

## Página de Métricas

Al dar clic con el mouse en la Métrica, podremos ver la página con toda la información de cómo ha sido compartido ese artículo en las diferentes redes sociales

### Quantifying the consensus on anthropogenic global warming in the scientific literature

Overview of attention for article published in Environmental Research Letters (ERL), June 2013



3262

**?** About this Attention Score

In the top 5% of all research outputs scored by Altmetric

[MORE...](#)

Mentioned by

- 142 news outlets
- 75 blogs
- 1 policy source
- 1758 tweeters
- 302 Facebook pages
- 8 Wikipedia pages
- 83 Google+ users
- 9 Redditors
- 1 Q&A thread
- 7 video uploaders

**SUMMARY**

**Title** Quantifying the consensus on anthropogenic global warming in the scientific literature

**Published in** Environmental Research Letters (ERL), June 2013

**DOI** 10.1088/1748-9326/8/2/024024 [↗](#)

**Authors** John Cook, Dana Nuccitelli, Sarah A Green, Mark Richardson, Bärbel Winkler, Rob Painting, Robert... [\[show\]](#)

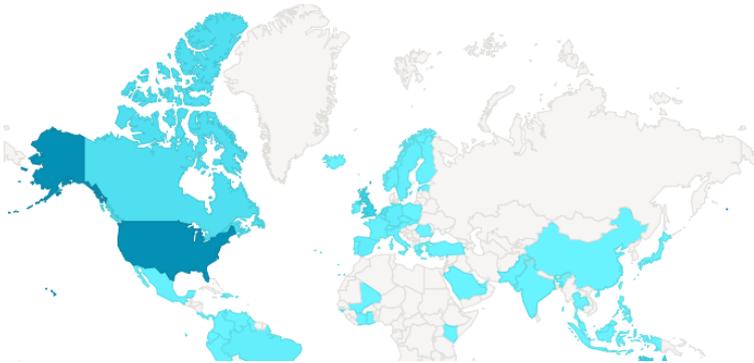
[↗ View on publisher site](#)

[✉ Alert me about new mentions](#)

**TWITTER DEMOGRAPHICS**

---

The data shown below were collected from the profiles of **1,758** tweeters who shared this research output. [Click here to find out more about how the information was compiled.](#)



**MENDELEY READERS**

**ATTENTION SCORE IN CONTEXT**

## Página del artículo- al dar clic en *Article Information*

— Hide article information

### Author e-mails Correo de los autores principales

andor.kormanyos@uni-konstanz.de

guido.burkard@uni-konstanz.de

### Author affiliations Afiliación de los autores

<sup>1</sup> Department of Physics, University of Konstanz, D-78464 Konstanz, Germany

<sup>2</sup> Institute for Theoretical Physics, University of Regensburg, D-93040 Regensburg, Germany

<sup>3</sup> Department of Physics, Lancaster University, Lancaster LA1 4YB, UK

### Dates

Received 24 October 2014

Accepted 3 February 2015

Published 2 April 2015

**Fechas: de recepción, aceptación  
y publicación**



### Citation

Andor Kormányos *et al* 2015 *2D Mater.* **2** 022001

 Create citation alert

### DOI

<http://dx.doi.org/10.1088/2053-1583/2/2/022001>

Buy this article in print

 Journal RSS feed

 Edit your new issue notification

### Abstract

1. Introduction

2. Lattice parameters, band-structure calculations and vibrational properties

3. Band-edge energy differences and spin-splittings

4. VB width  $D_{vb}$

5. Effective model at the  $K$  and  $-K$  points

6. Effective models at the  $Q$  (a.k.a.  $\Lambda$ ) point

7. Effective models at the  $\Gamma$  point

8. The  $M$  point: spin-orbit splitting of the Van Hove singularity

9. Conclusions

Acknowledgments

Appendix A.: Seven-band  $k \cdot p$

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

 Back to top

Cuando comience a leer el artículo, encontrará en la parte superior un menú para acceder a: Las figuras, Referencias, Citas  
También encontrará disponible el ícono para descargar el PDF y el índice

Figures ▾ References ▾ Citations ▾

PDF

results.

### Índice

Zoom In Zoom Out Reset image size

**Figure 1.** Crystal structure of monolayer  $MX_2$ . (a) Side view and (b) top view. Metal atoms are cyan and chalcogens are yellow. The lattice vectors  $\mathbf{a}_1$  and  $\mathbf{a}_2$  are also shown.

Download figure:

Standard image High-resolution image Export PowerPoint slide

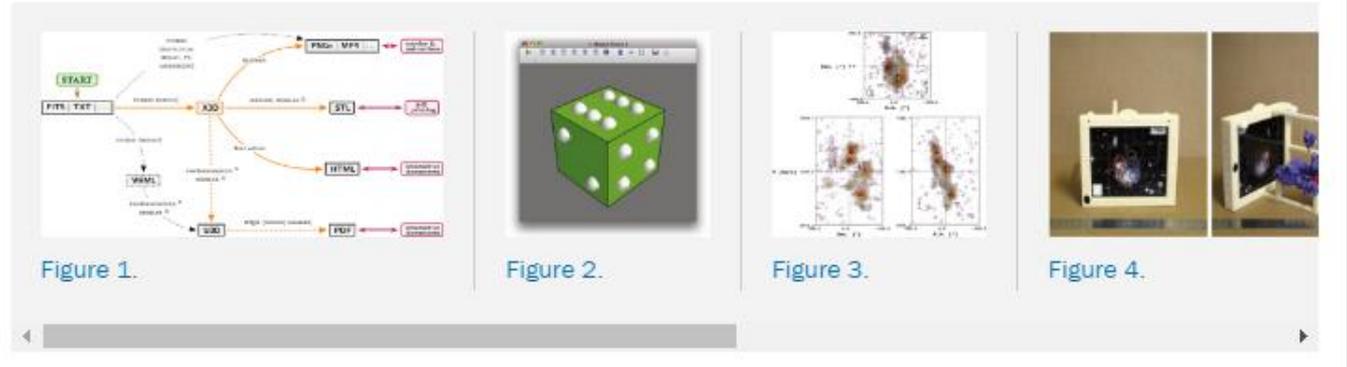
- Abstract
- 1. Introduction
- 2. Lattice parameters, band-structure calculations and vibrational properties
- 3. Band-edge energy differences and spin-splittings
- 4. VB width  $D_{vb}$
- 5. Effective model at the  $K$  and  $-K$  points
- 6. Effective models at the  $Q$  (a.k.a.  $\Lambda$ ) point
- 7. Effective models at the  $\Gamma$  point
- 8. The  $M$  point: spin-orbit splitting of the Van Hove singularity
- 9. Conclusions
- Acknowledgments
- Appendix A.: Seven-band  $\mathbf{k}\cdot\mathbf{p}$

Finally, we note that the field of TMDCs, akin to that of graphene [70–73], has witnessed a large expansion over the last four years, encompassing both fundamental and more applications-oriented

# Página del artículo- Figuras



Acceso rápido a todas las figuras del artículo, algunas interactivas o con video



## Videos

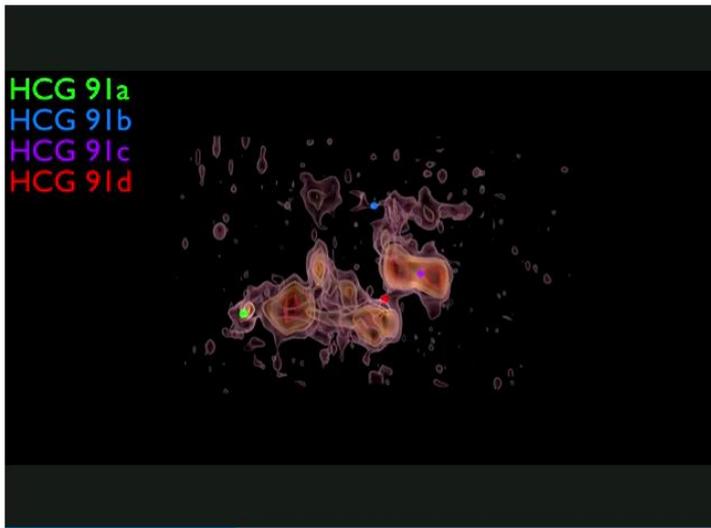
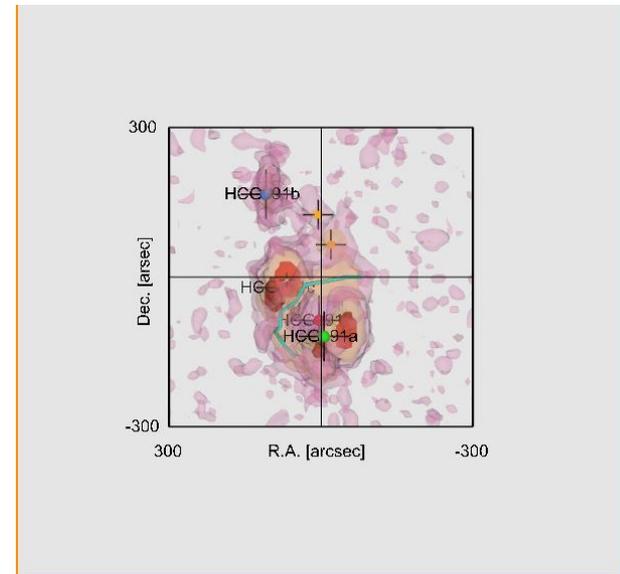


Figure 5.

Final BLENDER rendered view of the H I iso-intensity contours in HCG 91 observed by the VLA (first exported to X3D using MAYAVI) generated using the PYTHON script provided as supplementary material to this article. An [animation](#) of this figure is available.

## Figuras Interactivas

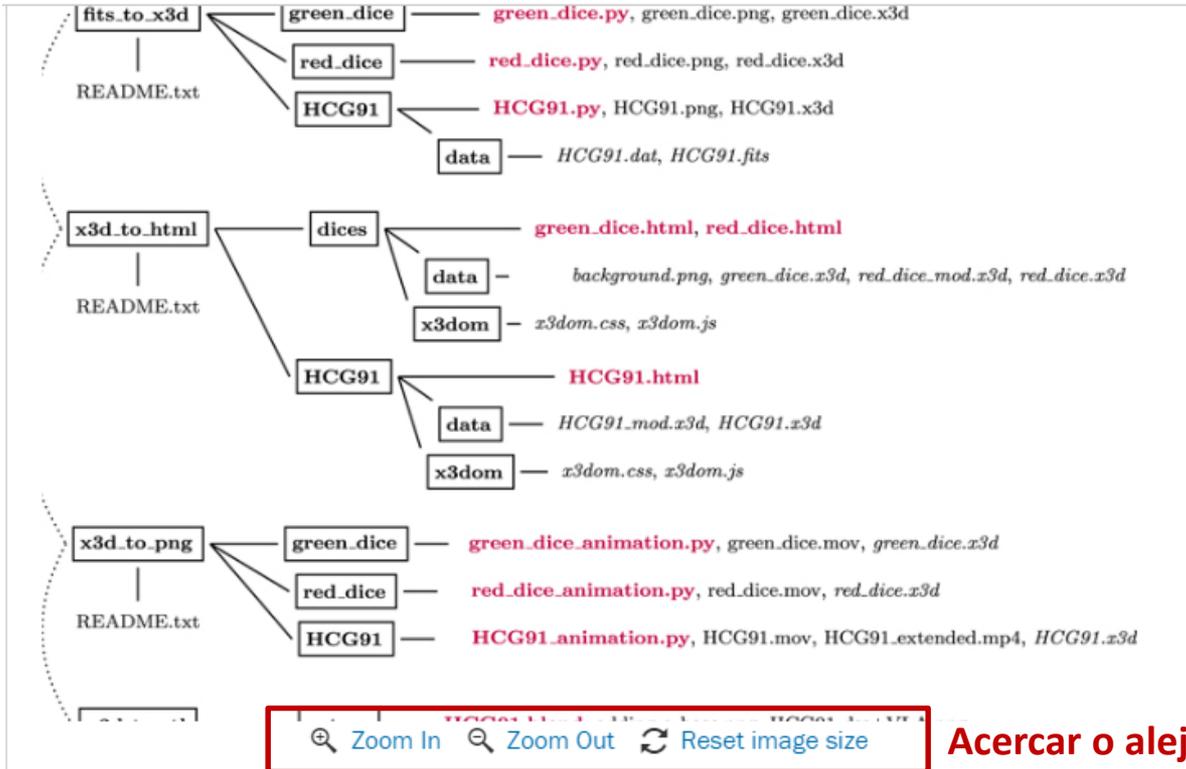


Viewpoints:

Hide/show:

H I layers:

# Página del artículo- Figuras



Es posible exportar la imagen a su computadora o a una presentación de PowerPoint así como acercar y alejar la imagen

Acercar o alejar la imagen

**Figure 6.** Structure and content of the supplementary material associated with this article. Folders are marked with boxes. Scripts and instruction files are marked in bold purple. Required data input files are in italic. Four dedicated "README" files provide a specific introduction to the different families of examples. This material can be downloaded as free software (under the GNU General Public License version 3) from its dedicated Github repository (<http://dx.doi.org/10.5281/zenodo.45079>).

Download figure:

Exportar la figura

## Página del artículo- otras pestañas

### Acceso rápido a todas las referencias y citas del artículo



Figures ▾ **References ▾** Citations ▾

---

[1] Bromley R A, Murray R B and Yoffe A D 1972 *J. Phys. C: Solid State Phys.* **5** 759  
[IOPscience](#)

[2] Mattheis L F 1973 *Phys. Rev. B* **8** 3719  
[CrossRef](#)

[3] Mak K F, Lee C, Hone J, Shan J and Heinz T F 2010 *Phys. Rev. Lett.* **105** 136805  
[CrossRef](#)

[4] Splendiani A, Sun L, Zhang Y, Li T, Kim J, Chim Ch-Y, Galli G and Wang F 2010 *Nano Lett.* **10** 1271  
[CrossRef](#)

## Fórmulas en MathJax

$$H_0 = \sum_{\lambda,i} E_i^\lambda a_{\lambda,i}^\dagger a_{\lambda,i} + \sum_Q \hbar\omega_Q \left( B_Q^\dagger B_Q + \frac{1}{2} \right) \quad (1)$$

as the non-interacting parts of the carrier–photon system, where  $a_{\lambda,i}^\dagger$  and  $a_{\lambda,i}$  are the creation and annihilation operators for electronic states, respectively. The corresponding operators for the photon, with a general mode index  $Q$  and energy  $\hbar\omega_Q$ , are  $B_Q^\dagger$  and  $B_Q$ . The carrier–carrier interaction is given by the Coulomb term

$$H_C = \sum_{\lambda,\lambda'} \sum_{i,j,k,l} V_{i,j;k,l}^{\lambda,\lambda'} a_{\lambda,i}^\dagger a_{\lambda',j}^\dagger a_{\lambda',k} a_{\lambda,l} \quad (2)$$

and the light–matter interaction is given by the dipole Hamiltonian

$$H_D = - \sum_{\lambda} \sum_{Q,i,j} [F_{\lambda;i,j}^Q B_Q + (F_{\lambda;j,i}^Q)^* B_Q^\dagger] a_{\lambda,i}^\dagger a_{\lambda,j} \quad (3)$$

The interaction-matrix elements in these are

$$V_{i,j;k,l}^{\lambda,\lambda'} = \frac{e^2}{4\pi\epsilon} \int d^3r d^3r' \frac{\xi_{\lambda,i}^*(\mathbf{r}) \xi_{\lambda',j}^*(\mathbf{r}') \xi_{\lambda',k}(\mathbf{r}') \xi_{\lambda,l}(\mathbf{r})}{|\mathbf{r} - \mathbf{r}'|}, \quad (4)$$

$$F_{\lambda;i,j}^Q = i\epsilon_Q \mathbf{d}_{i,j}^{\lambda,\bar{\lambda}} \cdot \int d^3r \xi_{\lambda,i}^*(\mathbf{r}) \mathbf{u}_Q(\mathbf{r}) \xi_{\bar{\lambda},j}(\mathbf{r}), \quad (5)$$

## Fórmulas en MathJax

Permite visualizar las ecuaciones matemáticas de forma correcta en navegadores web sin que se desconfiguren.

Descarga en PDF

Portada de inicio con todos los datos importantes del artículo. Página 1.

Environmental Research Letters

---

LETTER • OPEN ACCESS

## Quantifying the consensus on anthropogenic global warming in the scientific literature

To cite this article: John Cook *et al* 2013 *Environ. Res. Lett.* **8** 024024

View the [article online](#) for updates and enhancements.

### Related content

- [Consensus on consensus: a synthesis of consensus estimates on human-caused global warming](#)  
John Cook, Naomi Oreskes, Peter T Doran et al.
- [History and future of the scientific consensus on anthropogenic global warming](#)  
Fritz Reusswig
- [Comment on 'Quantifying the consensus on anthropogenic global warming in the scientific literature'](#)  
Richard S J Tol

### Recent citations

- [Ali Syed and Urooj Afshan Jabeen](#)
- [Colin G. Scanes](#)
- [The Dynamics and Political Implications of Anti-Intellectualism in the United States](#)  
Matthew Motta

Descarga en PDF

Página 2, artículo en PDF

**OPEN ACCESS**

IOP PUBLISHING

Environ. Res. Lett. 8 (2013) 024024 (7pp)

ENVIRONMENTAL RESEARCH LETTERS

doi:10.1088/1748-9326/8/2/024024

# Quantifying the consensus on anthropogenic global warming in the scientific literature

John Cook<sup>1,2,3</sup>, Dana Nuccitelli<sup>2,4</sup>, Sarah A Green<sup>5</sup>, Mark Richardson<sup>6</sup>,  
Bärbel Winkler<sup>2</sup>, Rob Painting<sup>2</sup>, Robert Way<sup>7</sup>, Peter Jacobs<sup>8</sup> and  
Andrew Skuce<sup>2,9</sup>

<sup>1</sup> Global Change Institute, University of Queensland, Australia

<sup>2</sup> Skeptical Science, Brisbane, Queensland, Australia

<sup>3</sup> School of Psychology, University of Western Australia, Australia

<sup>4</sup> Tetra Tech, Incorporated, McClellan, CA, USA

<sup>5</sup> Department of Chemistry, Michigan Technological University, USA

<sup>6</sup> Department of Meteorology, University of Reading, UK

<sup>7</sup> Department of Geography, Memorial University of Newfoundland, Canada

<sup>8</sup> Department of Environmental Science and Policy, George Mason University, USA

<sup>9</sup> Salt Spring Consulting Ltd, Salt Spring Island, BC, Canada

E-mail: [j.cook3@uq.edu.au](mailto:j.cook3@uq.edu.au)

Received 18 January 2013

Accepted for publication 22 April 2013

## Bookmarks

▼ Quantifying the consensus on anthrop...

Introduction

Methodology

› Results

› Discussion

Conclusion

Acknowledgments

References

# Operadores booleanos y comodines - búsqueda

Sólo se deben introducir los términos de búsqueda y el operador booleano

## Operador AND

IOPscience Journals Books Publishing Support  Search Article Lookup

natashadiez

**Refine your search**

Apply filters Clear filters

+ Date published

+ Journals

Your search for "graphene and cancer" returned **264** results

Within: Anytime

Showing 1-10 of 264

Email alert RSS search Sort by: Relevance

JOURNAL ARTICLE

Graphene oxide used as a carrier for adriamycin can reverse drug resistance in breast cancer cells

## Operador OR

IOPscience Journals Books Publishing Support  Search Article Lookup

natashadiez

**Refine your search**

Apply filters Clear filters

+ Date published

+ Journals

+ Authors

The top 500 results for "graphene or cancer" are:

Within: Anytime

Showing 1-10 of 500

Email alert RSS search Sort by: Relevance

JOURNAL ARTICLE

Graphene oxide used as a carrier for adriamycin can reverse drug resistance in breast cancer cells

# Operadores booleanos y comodines - búsqueda



Sólo se deben introducir los términos de búsqueda y el operador booleano

## Operador NOT

IOPscience Journals Books Publishing Support  Search Article Lookup  
natashadiez

### Refine your search

Apply filters Clear filters

+ Date published

+ Journals

The top 500 results for "graphene not cancer" are:

Within: Anytime

Showing 1-10 of 500

Email alert RSS search Sort by: Relevance

JOURNAL ARTICLE | OPEN ACCESS

Temperature dependence of graphene and N-doped graphene for gas sensor applications

El único comodín que permite IOPscience es el \* pues los demás no son necesarios

## Comodín \*

IOPscience Journals Books Publishing Support  Search Article Lookup  
natashadiez

### Refine your search

Apply filters Clear filters

+ Date published

+ Journals

The top 500 results for "nano\*" are:

Within: Anytime

Showing 1-10 of 500

Email alert RSS search Sort by: Relevance

BOOK

Nanosonic Electrofocusing for Bio-Nanoelectronic Devices

## Article Lookup- Búsqueda avanzada

Al dar clic en Article Lookup podrá buscar por revista específica

IOPscience Journals Books Publishing Support

Search IOPscience content Search

Article Lookup

natashadiez

2D Mater. (2014 - present) Volume Issue Article or page Lookup

2D Mater. (2014 - present)

Acta Phys. Sin. (Overseas Edn) (1992 - 1999)

Adv. Nat. Sci. Nanosci. Nanotechnol. (2010 - present)

Appl. Phys. Express (2008 - present)

Biofabrication (2009 - present)

Bioinspir. Biomim. (2006 - present)

Biomed. Mater. (2006 - present)

Biomed. Phys. Eng. Express (2015 - present)

Br. J. Appl. Phys. (1950 - 1967)

Chin. J. Astron. Astrophys. (2001 - 2008)

Chin. J. Chem. Phys. (1987 - 2007)

Chin. J. Chem. Phys. (2008 - 2012)

Chinese Phys. (2000 - 2007)

Chinese Phys. B (2008 - present)

Chinese Phys. C (2008 - present)

Chinese Phys. Lett. (1984 - present)

Class. Quantum Grav. (1984 - present)

Clin. Phys. Physiol. Meas. (1980 - 1992)

and articles

Congratulations to the 2017 Nobel Prize for Physics laureates Rainer Weiss, Barry C. Barish and Kip S. Thorne.

Find out more about gravitational waves in our new research collection. 3 October 2017

Customer services

Please e-mail us at [custserv@iop.org](mailto:custserv@iop.org) with your questions, comments or suggestions.

Librarians

Visit [librarians.iop.org](http://librarians.iop.org), our dedicated home for librarians.

**Para encontrar artículos por revista específica. Funciona también si conoce el volumen, fascículo y/o página del artículo**

## ADICIONALMENTE: Librarians services

Al visitar [iopublishing.org/iop/librarians/](http://iopublishing.org/iop/librarians/), el bibliotecario encontrará toda la información de su interés, como lista de precios, suscripciones en su institución, IPs registradas para su institución, etc.

The screenshot shows the top navigation bar of the IOP Publishing website. The background is dark red. On the left, the 'IOP' logo is in large, bold, red letters. To its right, the text 'IOP Publishing | science first' is in white. Further right, 'Customer service support ›' is in a smaller white font. Below this, a horizontal navigation menu contains several items: 'About Us', 'Publications', 'News', 'Researchers', 'Partners', 'Librarians' (which is highlighted with a black background and white text), 'Funders', 'Jobs', and 'Contact Us'. Below the navigation menu, a light grey breadcrumb trail reads 'Home > Librarians'.

[Subscription Information](#)

[Pricing and ordering](#)

[Your Journal Subscriptions](#)

[Continued Access Rights Policy](#)

[Site Administration](#)

[Register your institution for access](#)

[Registered IP addresses](#)

[Change site contact details](#)

[Help and Information](#)

[Add your logo](#)

[COUNTER video tutorials](#)

[Contact Us](#)

## Librarians

Libraries are at the centre of the scientific community – from small colleges to the largest universities; start-up firms to international corporations. The library is one of the fundamental reference points for all of the information on which researchers, teachers, technologists, doctors and engineers base their decision-making. As trained information professionals, librarians are the principal contact when it comes to ensuring that relevant research is available when and where it is needed in both academia and industry.



IOP Publishing is proud to have a close working relationship with thousands of librarians around the world. The feedback and advice of librarians about everything from coverage to pricing and delivery methods is critical in shaping the way we provide our publications to the scientific community.

We appreciate the many conflicting demands on librarians' time and provide services designed to ease some of that burden. We have a dedicated area focused on the specific

## Exclusivo para Latinoamérica

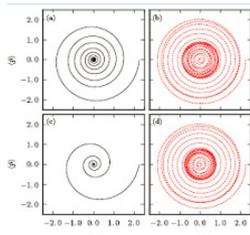
**IOP** Una comunidad web de IOP Publishing

# IOPlatinoamérica

Buscar  Ir

[Inicio](#) [Noticias](#) [Publicaciones recientes](#) [Eventos](#) [Contáctenos](#)

### Destacados



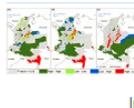
**Artículo de la semana**  
ene 3, 2018

De los co-autores C A González-Gutiérrez, D Solís-Valles y B M Rodríguez-Lara de la Universidad Nacional Autónoma de México, Cuernavaca, Morelos, México, el Tecnológico de Monterrey, Monterrey, México y el Instituto Nacional de Astrofísica, Óptica y Electrónica, Tonantzintla, México.



**Noticias de la semana**  
dic 26, 2017

De los co-autores Reiner Palomino-Lemus, Samir Córdoba-Machado y María Jesús Esteban-Parra del Technological University of Chocó, Colombia.



**Artículo de la semana**  
dic 19, 2017

De los co-autores Augusto Castro-Nunez y Chrystian C Sosa del ONF International, Bogotá, Colombia y el International Center for Tropical Agriculture (CIAT), Cali.

### Sección de artículos especiales

Actualizado regularmente!

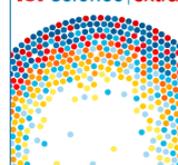



**Materiales de Apoyo**

IOP Publishing

[Facebook](#)

Discover more with...  
**IOPscience | extra**



**IOP Educación**

El Institute of Physics (IOP) ofrece valiosos recursos educativos. Para obtener más información, visite nuestra página de Educación.

**Ligas**

- [IOPscience](#)
- [IOP ebooks](#)
- [Luz que transforma la película](#)

### Página de Material de Apoyo

Para tener una mejor comunicación con los bibliotecarios e investigadores, IOP ofrece suscripciones, precios, información de agentes y materiales de apoyo para que u

#### Actualizaciones 2018

- [2018 Catalogo](#)
- [2018 Precios](#)

#### Actualizaciones 2017

- [2017 Catalogo](#)
- [2017 Precios](#)

#### Recursos de IOPScience

- [Folleto de IOPscience extra](#)
- [Guía introductoria para autores Español](#)
- [Manual introdutorio para autores Portugués](#)
- [Descruba conteúdo Português](#)

### Eventos actuales

#### XLVII Winter Meeting on Statistical Physics 2018

[7-10 ene 2018](#), Puebla, Mexico.

#### 10 Escuela de Astronomia Observacional para Estudiantes Latinoamericanos "ESAOBELA"

[7-26 ene 2018](#), Puebla, Mexico.

#### Escola de verão experimental de Física Nuclear

[29 ene-2 feb 2018](#), Sao Paulo, Brazil.

<http://latinoamerica.iop.org/>

# CONTACTO



- Natasha Diez  
Gerente Regional, América Latina
  
- IOP Publishing, Inc.  
Tel: 5255 5566 73 95  
email: [diez@iop.org](mailto:diez@iop.org)