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de descargas en 2011

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a ACS Publications

"ACS Publications es la fuente más completa y confiable de investigaciones químicas de alta calidad."

—Catherine Vu
Bibliotecaria de ciencias, Biblioteca Pollack
Universidad Estatal de California, Fullerton, California

American Chemical Society

Fundada en 1876 la American Chemical Society (ACS) es la sociedad más grande con más de 160,000 miembros en todo el mundo.

“ACS impulsa el conocimiento académico, ofrece servicios profesionales y desempeña un papel activo en la ciencia, la educación y las políticas públicas. Actúa tanto en el sector académico como en el empresarial”

Publicaciones ACS

ACS Publications son las revistas más confiables, más citadas y más leídas en el ámbito de la ciencia química y las ciencias relacionadas. Mas que simplemente un eslogan, las cifras de rendimiento clave respaldan esta afirmacion:

- Un total de citas de más de 2 millones en 2011
- Mas de 5,000 instituciones de investigación suscriptoras
- Casi 40,000 artículos publicados en 2011
- Más 78 millones artículos descargagos en más de 198 países en 2011.

Publicaciones ACS

Em 2013, ACS publicará 41 títulos en las siguientes areas tematicas:

- Agriculture
- Analytical Chemistry
- Biochemistry, Molecular Biology
- Biotechnology, Applied
- Microbiology
- Chemical Engineering
- Chemical Information
- Chemistry (General)
- Clinical Chemistry
- Computational Chemistry
- Crystallography
- Energy and Fuels
- Environmental Science
- Food Science and Technology
- Inorganic Chemistry
- Materials Science
- Medicinal Chemistry
- Nanoscience
- Organic Chemistry
- Pharmacology and Pharmacy
- Physical Chemistry
- Polymer Science
- Theoretical Chemistry
- Toxicology

Relevancia de las publicaciones periódicas

- De acuerdo con el ISI® Journal Citation Reports® (Web of Science) de 2011, las publicaciones periódicas de ACS fueron citada más de 2.000.000 veces.
- Sus publicaciones ocuparon el primer lugar en número de citas y de factor de impacto ISI® en 7 categorías de Química Básica, y el primer lugar en número de citas en otras 6 categorías.

http://pubs.acs.org/page/jcr/index.html

ACS Web Edition

ACS Web Edition es la coleccion de revistas científicas de ACS con artículos en texto completo de **1996 al presente**. Son más de 40 revistas científicas revisadas por pares con más de 650.000 artículos de vanguardia en un amplio espectro de disciplinas científicas. La amplitud y el alcance de Revistas de ACS no tiene parangón, que se extiende a través de la química, la física y la biología.

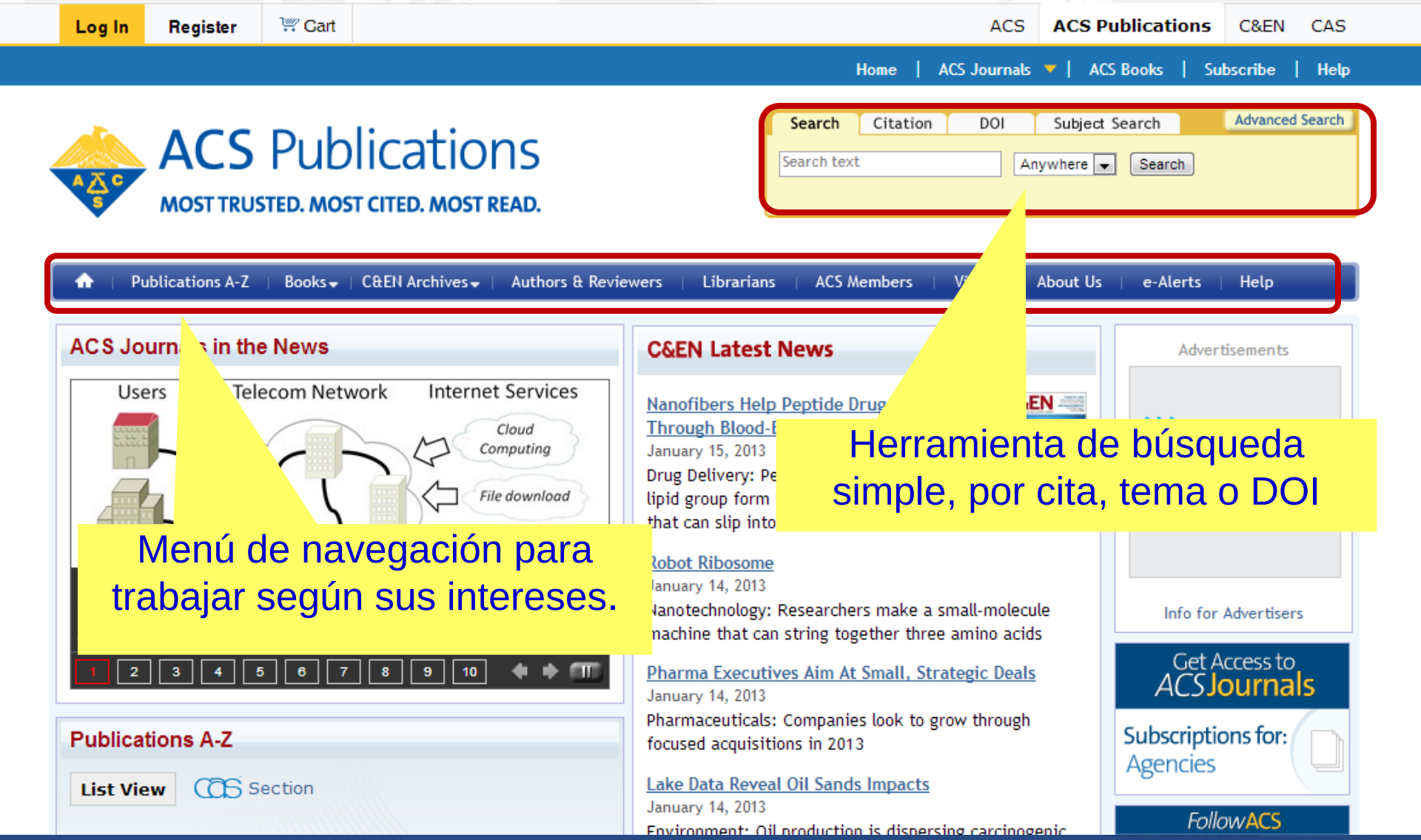
Legacy: Back Files

Archivo en texto completo de artículos de **1879 a 1995**.

- 23 publicaciones periódicas
- 971 volumes
- 11.117 ediciones
- 464.233 artículos

Autores de los artículos:
De 149 ganadores del Premio Nobel de Química desde 1901, 113 publicaron artículos en los periódicos de ACS.

Página de inicio – http://pubs.acs.org/



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ACS Macro Letters
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ACS Sustainable Chemistry & Engineering—New in 2013
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ACS Synthetic Biology
Advances in Chemistry
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B

Biochemistry

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- Extractive Metallurgy
- Ferrous Metals and Alloys
- Fossil Fuels, Derivatives, and Related Products
- Industrial Inorganic Chemicals
- Mineralogical and Geological Chemistry
- Nonferrous Metals and Alloys
- Pharmaceutical Analysis
- Pharmaceuticals
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Biochemistry

... O por tema

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ACS Medicinal Chemistry Letters
ACS Nano
ACS Sustainable Chemistry & Engineering
ACS Synthetic Biology
Analytical Chemistry
- I&EC Analytical Edition

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Bioconjugate Chemistry
Biomacromolecules
Biotechnology Progress

C
Chemical Research in Toxicology
Chemical Reviews
Chemistry of Materials
Crystal Growth & Design

E
Energy & Fuels
Environmental Science & Technology

I
Industrial & Engineering Chemistry
- Journal of Industrial & Engineering Chemistry
Industrial & Engineering Chemistry Research
- I&EC Process Design and Development
- I&EC Fundamentals
- Product Research & Development
- Product R&D
- I&EC Product Research and Development
Inorganic Chemistry

J
Journal of the American Chemical Society
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Journal of Chemical & Engineering Data
- I&EC Chemical & Engineering Data Series
Journal of Chemical Education
Journal of Chemical Information and Modeling
- Journal of Chemical Documentation
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J (continued)
The Journal of Physical Chemistry A
The Journal of Physical Chemistry B
The Journal of Physical Chemistry C
- The Journal of Physical Chemistry
- The Journal of Physical and Colloid Chemistry
The Journal of Physical Chemistry Letters
Journal of Proteome Research

L
Langmuir

M
Macromolecules
Molecular Pharmaceutics

N
Nano Letters

O
Organic Letters
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Organometallics

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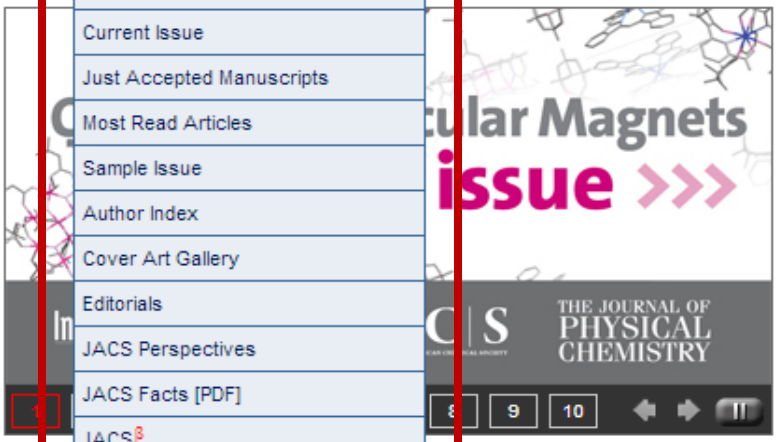

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– Navegar por: Journal

1. Buscar el “Journal of Chemical & Engineering Data”
2. Donde este Journal es indexado? Y cuantas veces es publicado al año?

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1. Elegir la colección “Macromolecular”
2. Elegir “Industrial Carbohydrates”
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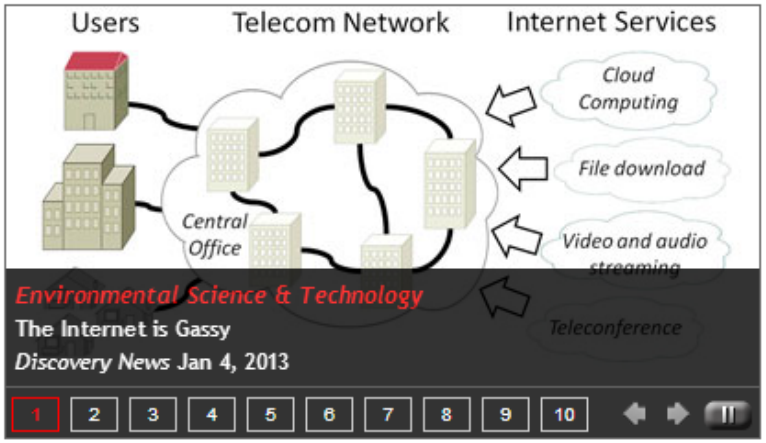

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Nanofibers Help Peptide Drugs Burst Through Blood-Brain Barrier
January 15, 2013
Drug Delivery: Peptides modified with a lipid group form tightly wrapped nanofibers that can slip into the brains of mice

Robot Ribosome
January 14, 2013
Nanotechnology: Researchers make a small-molecule machine that can string together three amino acids

Pharma Executives Aim At Small, Strategic Deals
January 14, 2013
Pharmaceuticals: Companies look to grow through focused acquisitions in 2013

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Abstract:

Figure/Table Captions:

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SEARCH

Content Type

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Introduzca los términos de búsqueda en cada campo.

Search Ti

Boolean Search

Within all of the search field NOT (also -) allow you to perform searches that specif AND relationship between each of the terms you enter is established **except for the Author field** (see Author Searching below).

Author Searching

To search for multiple autl Using AND will search for content that has been co-a that has been authored by either of the authors.

Deje que la "raíz" del término también sea buscada.

Phrases

bypass the default use of the AND relationship between the terms you enter, wrap your terms in quotes. This will create a search for the specific phrase you have enclosed in quotes.

Wildcards

Wildcards allow you to construct a query with approximate search terms. Use a question mark (?) in a search term to represent any one character and use an asterisk (*) to represent zero or more characters

Búsqueda Avanzada

Author:

Abstract:

Figure/Table Captions:

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To: Month

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Update Select All | Deselect All

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- ACS Chemical Neuroscience
- ACS Combinatorial Science
- ACS Medicinal Chemistry Letters
- ACS Nano
- ACS Symposium Series (ACS Book Series)
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- Analytical Chemistry
- Biochemistry
- Bioconjugate Chemistry
- Biomacromolecules
- technology Progress
- & Engineering News
- Crystal Growth & Design
- Energy & Fuels
- Environmental Science & Technology
- Industrial & Engineering Chemistry Research
- Inorganic Chemistry
- Journal of the American Chemical Society
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- Journal of Chemical & Engineering Data
- Journal of Chemical Education
- Journal of Chemical Information and Modeling
- Journal of Chemical Theory and Computation
- Journal of Medicinal Chemistry
- Journal of Natural Products
- The Journal of Organic Chemistry
- The Journal of Physical Chemistry A
- The Journal of Physical Chemistry B
- The Journal of Physical Chemistry C
- The Journal of Physical Chemistry Letters
- Journal of Proteome Research
- ceutics
- Nano Letters
- Organic Letters
- Organic Process Research & Development

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Wildcards

Wildcards allow you to construct a query with approximate search terms. Use a question mark (?) in a search term to represent any one character and use an asterisk (*) to represent zero or more characters. There are two limitations of wildcards: (1) they cannot be used at the beginning of a search term and (2) they cannot be used in a phrase enclosed in quotation marks.

Stemming

You can expand your search by enabling stemming. Simply check the checkbox that appears just before the Journal Titles heading in your Search Criteria. [Show me the stemming option in the Search Criteria]

Enabling s your search. For example, earch will also include re the root term "nano"

Narrow Your Search to Specific Journals

If you want to search within specific journals, click on the "Modify Selection" button in the Journal Titles section. A box displaying all of the ACS Publications journals will appear, and you can select which journals you'd like to use. When you are finished selecting journals, make sure to click on "Update" button to finalize your selection. [Show me the Journal Selector section in the Search Criteria]

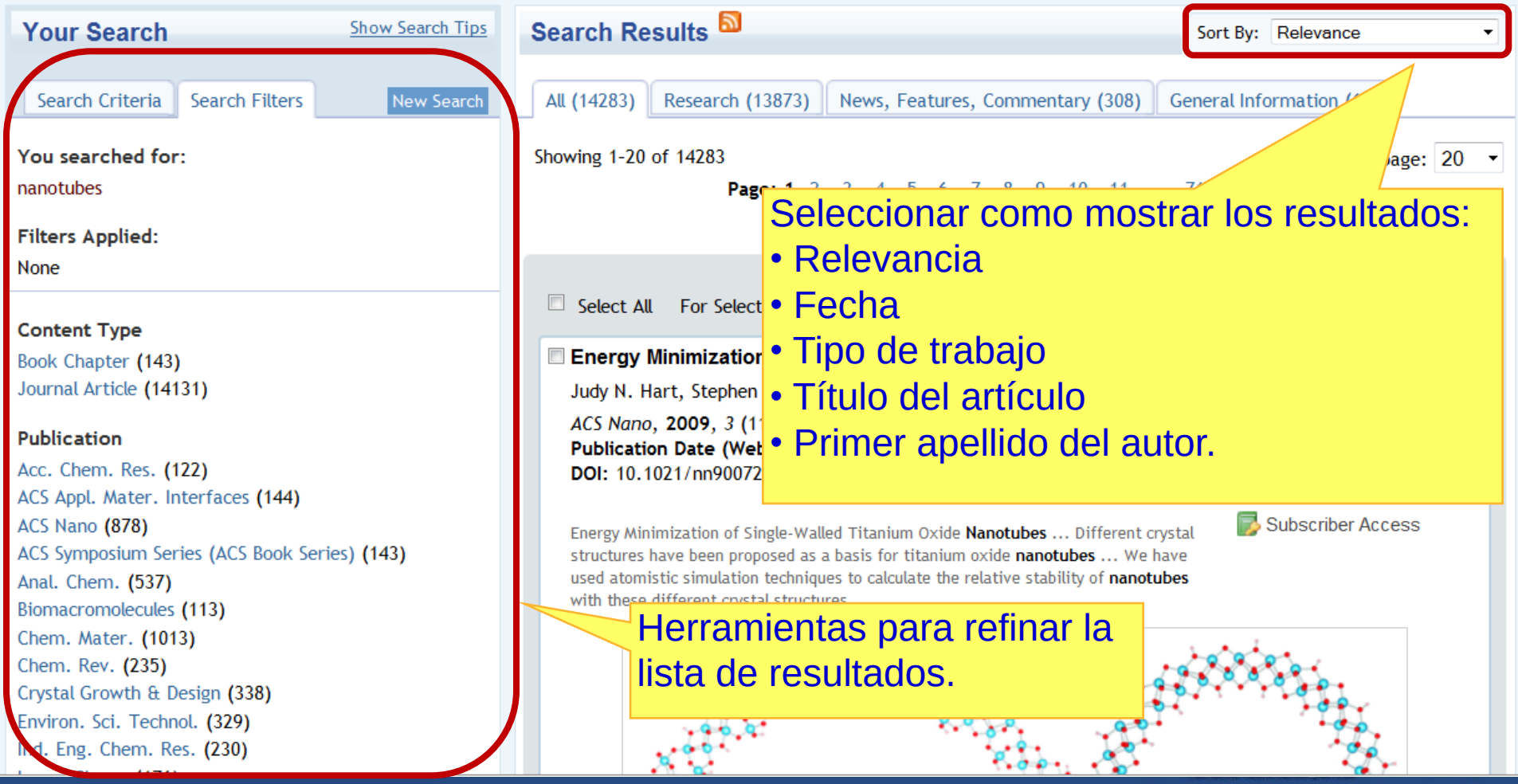
Note that if you do not have JavaScript enabled in your browser, the journal selector uses a different interface.

Save Your Search

If you are planning on running the same search again in the future, you can save your search criteria to easily access updated results on the ACS Publications website.

After performing a search and getting to the search results page:

Resultados


Your Search
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Search Filters
New Search
You searched for:
nanotubes
Filters Applied:
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All (14283)
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Select All
Energy Minimization
Judy N. Hart, Stephen
ACS Nano, 2009, 3 (1
Publication Date (Web
DOI: 10.1021/nn90072
Subscriber Access
Energy Minimization of Single-Walled Titanium Oxide Nanotubes ... Different crystal structures have been proposed as a basis for titanium oxide nanotubes ... We have used atomistic simulation techniques to calculate the relative stability of nanotubes
Seleccionar como mostrar los resultados:
• Relevancia
• Fecha
• Tipo de trabajo
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• Primer apellido del autor.
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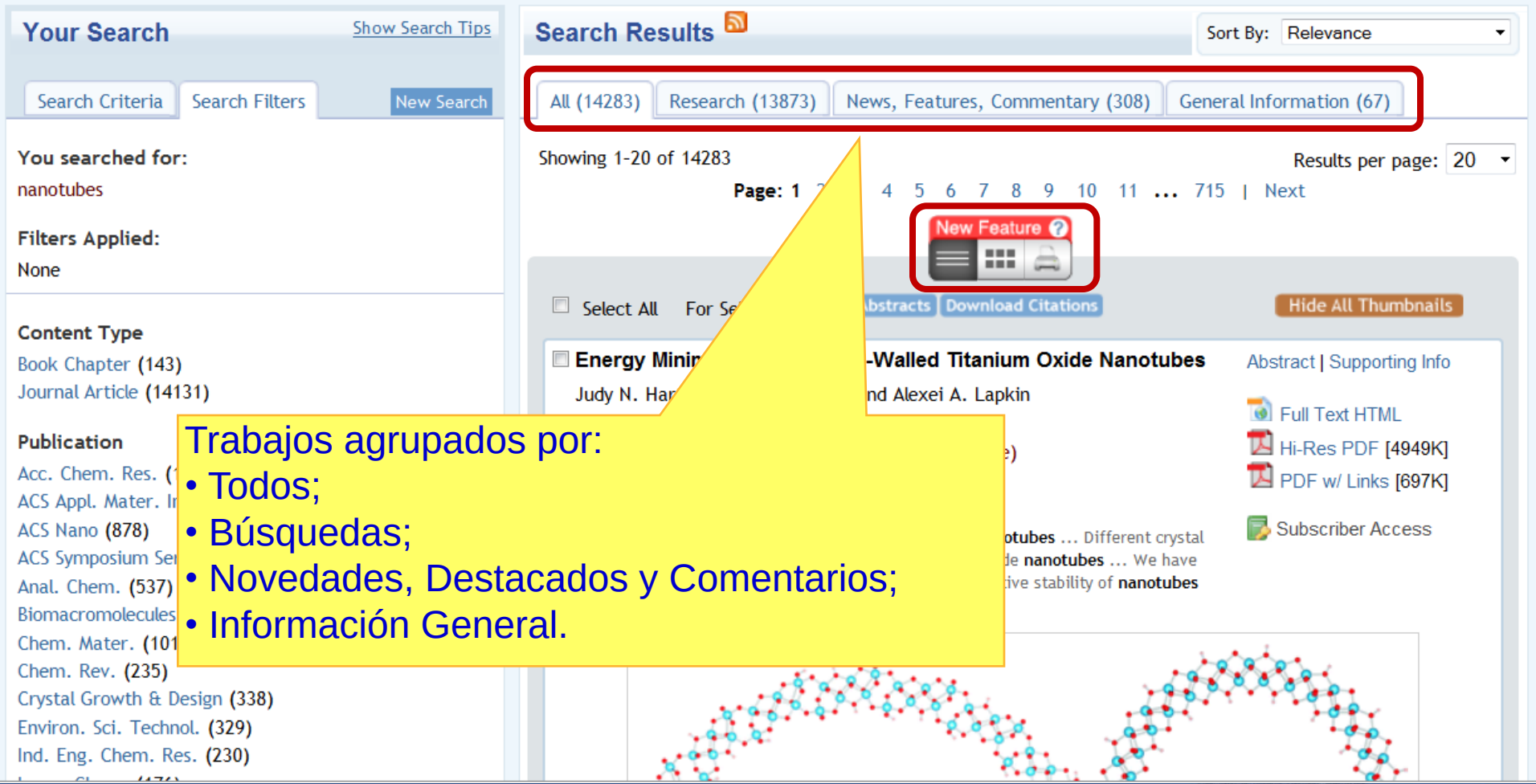

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Resultados

Manuscript Type

Research Article (9685)
Rapid Communication (3412)
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Chapter (136)
In Brief (120)
Article Commentary (119)
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Author

Iijima, Sumio (97)
Bando, Yoshio (79)
Golberg, Dmitri (70)
Tour, James M. (60)
Yudasaka, Masako (57)
Dai, Hongjie (56)
Hauge, Robert H. (56)
Liu, Jie (55)
Liu, Zhongfan (51)
Ajayan, Pulickel M. (50)

DOI: 10.1021/nl100389v

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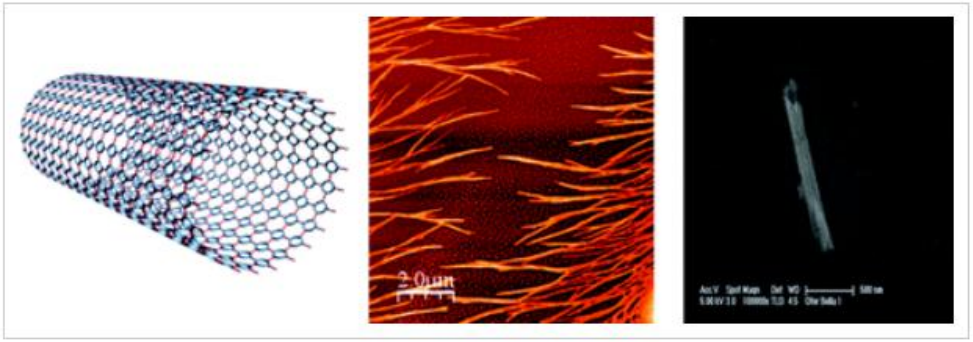
Covalently Linked DNA **Nanotubes** ... The present study introduces an approach to prepare covalently linked DNA **nanotubes** ... A circular DNA that includes at its opposite poles thiol and amine functionalities acts as the building block for the construction of the DNA **nanotubes** ...



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Controll
Compos
Mixed Oxide Nanotubes

Supporting Info

Suchitra Konduri, Sanjoy Mukherjee and Sankar Nair

ACS Nano, **2007**, *1* (5), pp 393-402
Publication Date (Web): December 8, 2007 (Articles)
DOI: 10.1021/nn700104e

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PDF w/ Links [445K]

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Controlling Nanotube Dimensions: Correlation between Composition, Diameter, and Internal Energy of Single-Walled Mixed Oxide **Nanotubes** ... Control over the

Resultados

Brunelle, Daniel J. (2)
Dai, Liming (2)
Fernando, Raymond H. (2)
Fong, Hao (2)
Goering, Harald (2)
Janke, Andreas (2)
Kane, Ravi S. (2)
Kim, Seong H. (2)
Lin, Yuehe (2)
Linhardt, Robert J. (2)
Liu, Guodong (2)
Malshe, Ajay P. (2)
Manners, Ian (2)
Nagarajan, R. (2)
OVERNEY, RENÉ M. (2)
Pötschke, Petra (2)

Date Range

Last Week (55)
Last 3 Months (674)
Last 6 Months (1362)
Last Year (2629)

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TiO_2-Derived Titanate Nanotubes by Hydrothermal Process with Acid Treatments and Their Microstructural Evaluation

Atsushi Nakahira, Takashi Kubo, and Chiya Numako

ACS Appl. Mater. Interfaces, **2010**, 2 (9), pp 2611-2616
Publication Date (Web): August 18, 2010 (Research Article)
DOI: 10.1021/am1004442

Abstract

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TiO_2-Derived Titanate **Nanotubes** by Hydrothermal Process with Acid Treatments and Their Microstructural Evaluation ... Consequently, it revealed that the replacement of Na^+ with H^+ (proton exchange) in TiO_2-derived titanate **nanotubes** ... Moreover, it was confirmed that the minor change of TiO_x polyhedra in TiO_2-derived titanate **nanotubes** was also related with this disordering. ...

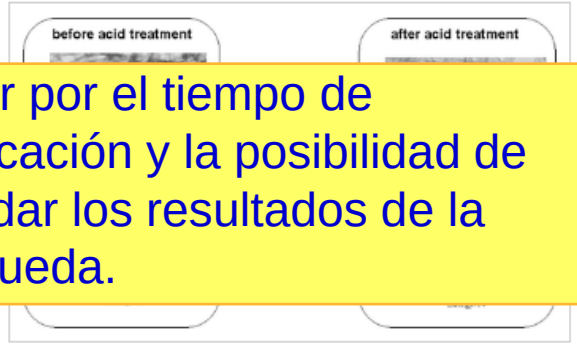

Figure 1 of 10 Next

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Strong Piezoelectricity in Bioinspired Peptide Nanotubes

Andrei Kholkin, Nadav Amdursky, Igor Bdikin, Ehud Gazit and Gil Rosenman

Abstract | Supporting Info

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- Ejercicio

– Búsqueda por: Autor

1. Buscar los autores Mario J. Molina y Ricardo Miledi
2. En que revista estos autores han publicado?

– Búsqueda por: Título de artículo

1. Buscar artículos que tienen las palabras “ozone hole”
2. Cuantos artículos de investigación hay con estas palabras?

– Búsqueda por: Tema

1. Buscar el tema “ozone hole”
2. Cuales son los “journals” que tienen mas artículos con este tema?
3. Filtrar por período – solamente artículos publicados en los últimos 3 meses.

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Article

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Photo-oxidation of Graphene in the Presence of Water

Nobuhiko Mitoma †, Ryo Nouchi *‡, and Katsumi Tanigaki †

† Department of Physics and WPI-AIMR, Tohoku University, Sendai 980-8577, Japan

‡ Nanoscience and Nanotechnology Research Center, Osaka Prefecture University, Sakai 599-8570, Japan

J. Phys. Chem. C, Article ASAP

DOI: 10.1021/jp305823u

Publication Date (Web): January 3, 2013

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*E-mail: r-nouchi@21c.osakafu-u.ac.jp. Tel./Fax: +81 72 254 8394.

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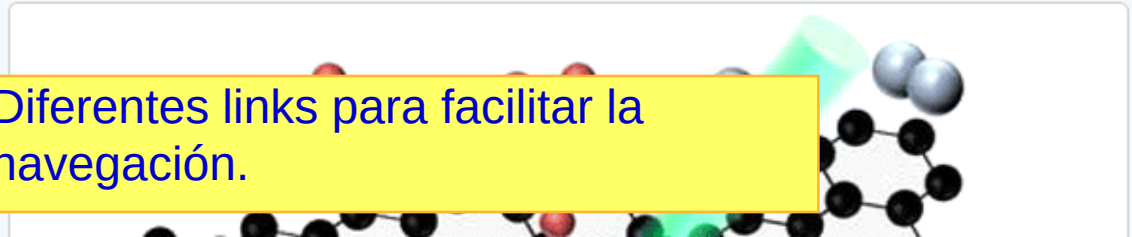

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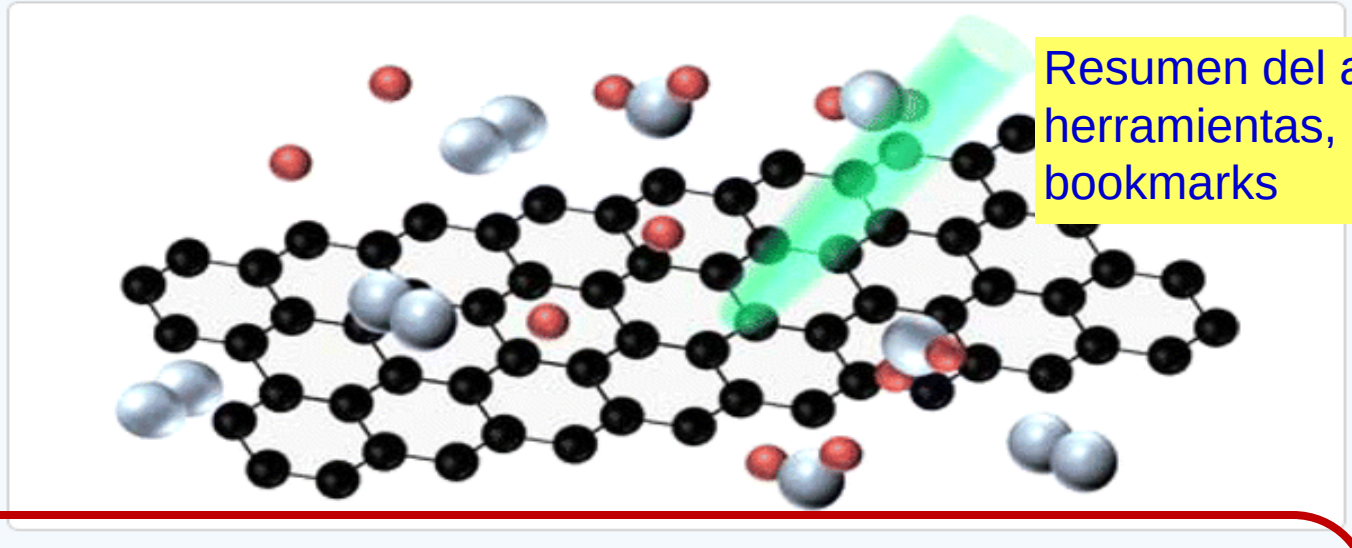
Abstract



Resumen del artículo, las herramientas, historial y bookmarks

Oxygen molecules are found to exhibit nonnegligible reactivity with graphene under strong light irradiation in the presence of water. The reaction is triggered by the laser Raman spectroscopy measurement itself, and the D band (ca. 1340 cm^{-1}) becomes larger as the laser irradiation is prolonged. The electronic transport properties of the graphene derivative are also investigated and both the electron and hole mobility are found to be reduced. These results are attributed to oxidation of graphene. This primitive modification method can be exploited to manipulate the structural and electronic properties of graphene.

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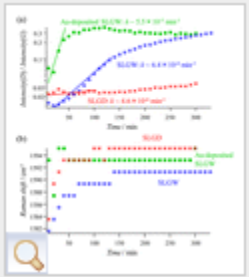

Figure 2. (a) Time evolution of the D/G intensity ratio from three types of graphene flakes. Data points represent experimentally obtained values, and solid lines are exponential f
the G peak shift obtained fr
squares represent the SLG
respectively.

Figure 2b shows the G peak position which indi
of the SLGW and SLGD is considered to be caus
ambient air triggered by the laser irradiation. (2
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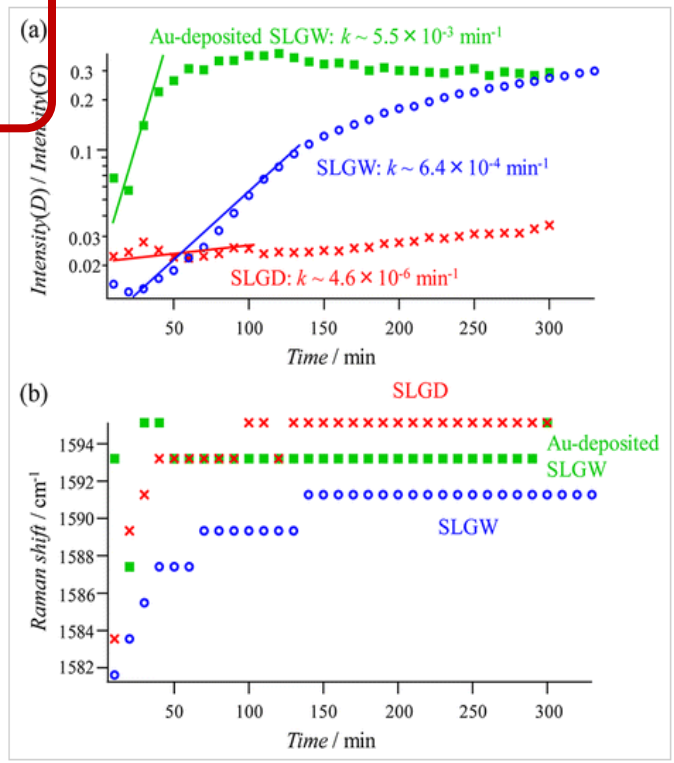

Figure 2. (a) Time evolution of the D/G intensity ratio from three types of graphene flakes. Data points represent experimentally obtained values, and solid lines are exponential fits to the experimental values. (b) Time evolution of the G peak shift obtained from three samples. The circles, crosses, and squares represent the SLGW, SLGD, and Au-deposited SLGW samples, respectively.

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2. Operador OR - Adsorption of Gases OR impregnation of gases
3. Operador NOT (-) - Adsorption of Gases NOT pyrolysis
4. Comodines - absorpt*, absorpt?,

- Asterisco (*) – representa cero o más caracteres
- Interrogación (?) – representa cualquier uno carácter

5. Comillas – para búsquedas exactas

- “Adsorption of Gases ”
- Stemming – para expandir la búsqueda utilizando las raíces de las palabras - Adsorption

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