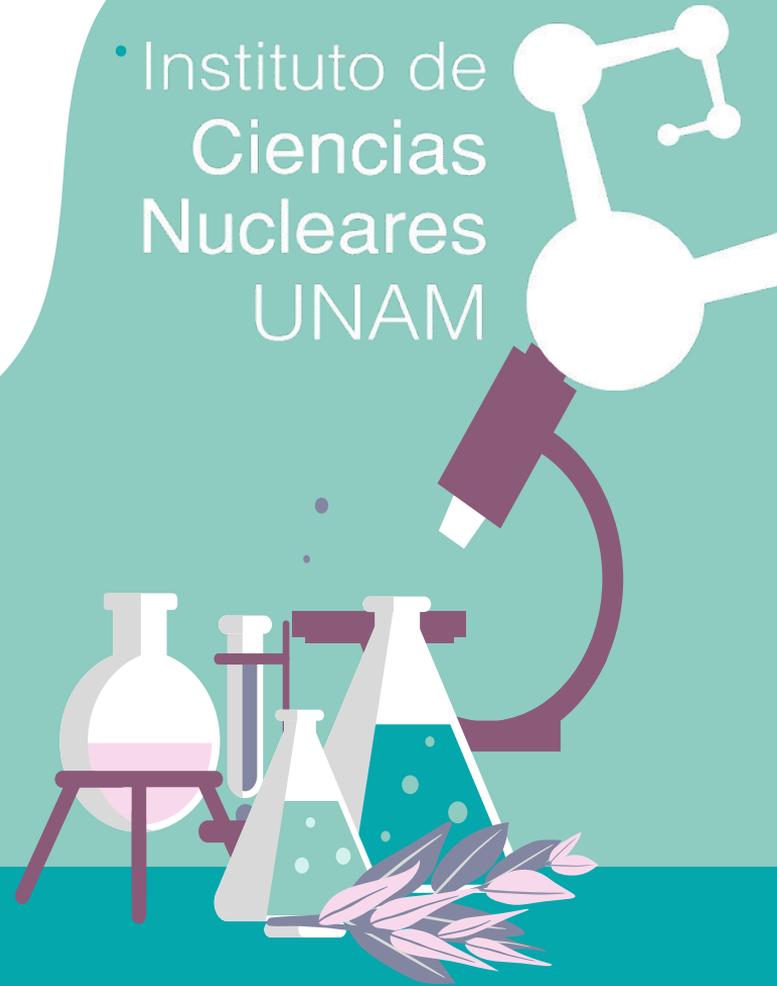


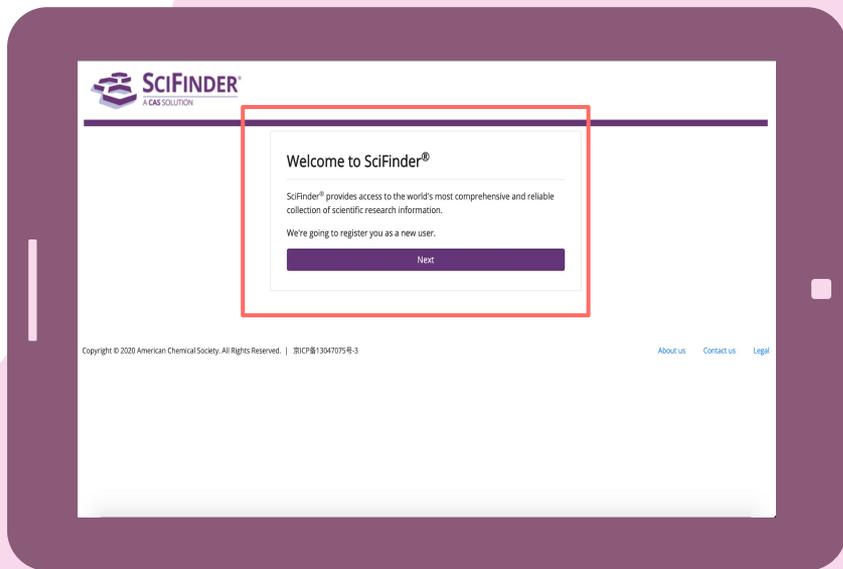
Sci-Finder

GUÍA DE BÚSQUEDA

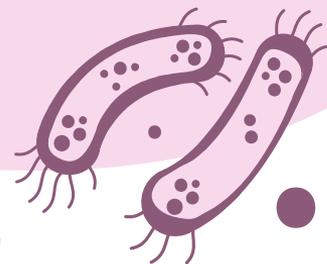
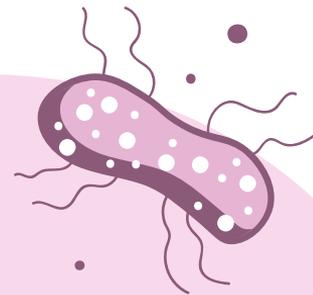
Instituto de
Ciencias
Nucleares
UNAM



1.



Es necesario registrarse para poder realizar búsquedas en Sci-Finder . Haga click aquí para iniciar el proceso de registro.



2

Una vez que cuente con un usuario y una contraseña, haga click [aquí](#) para iniciar sesión e ingresar al portal.

SciFINDER
A CAS SOLUTION

Sign In

Username

Password

Keep me signed in
(Do not use on a shared computer)

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Join ACS now!

The American Chemical Society is committed to supporting its members with the resources they need to grow professionally, build knowledge, connect with colleagues around the world, and stay on top of all the latest developments in the chemical sciences.

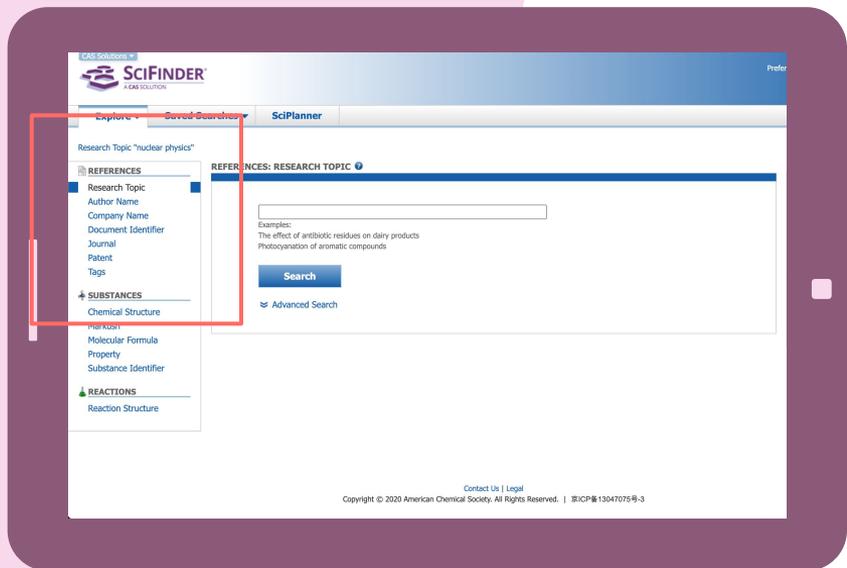
The 2020 CAS Future Leaders Program is Now Accepting Applications

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What is SciFinder?

SciFinder® is a research discovery application that provides integrated access to the world's most comprehensive and authoritative source of references, substances and reactions in chemistry and related sciences.

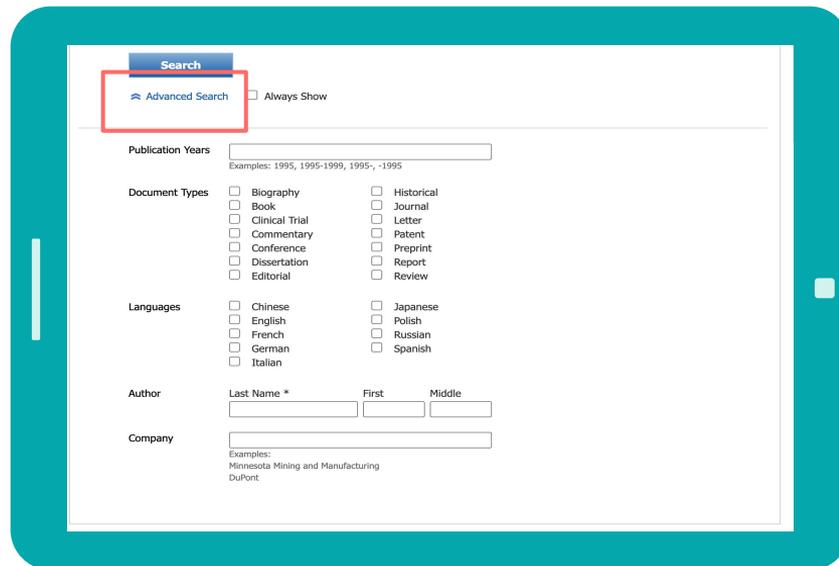
3



Se mostrará la siguiente pantalla, en donde podrá ingresar el **tema** que desee en la barra de búsqueda. En la parte izquierda podrá cambiar el criterio de búsqueda al **nombre del autor**, el **identificador del documento**, la **patente**, entre otros.

4

Si desea filtrar su búsqueda, seleccione la opción de *búsqueda avanzada* para que pueda refinarla agregando el **año de publicación**, el **tipo de documento** de su preferencia, el **idioma**, entre otros.

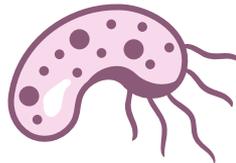


The image shows a search interface on a tablet. At the top, there is a blue "Search" button. Below it, the "Advanced Search" option is highlighted with a red box, and an "Always Show" checkbox is visible. The interface includes several filter sections:

- Publication Years:** A text input field with examples: 1995, 1995-1999, 1995-, -1995.
- Document Types:** A grid of checkboxes for various document types: Biography, Book, Clinical Trial, Commentary, Conference, Dissertation, Editorial, Historical, Journal, Letter, Patent, Preprint, Report, and Review.
- Languages:** A grid of checkboxes for various languages: Chinese, English, French, German, Italian, Japanese, Polish, Russian, and Spanish.
- Author:** Fields for "Last Name *", "First", and "Middle".
- Company:** A text input field with examples: Minnesota Mining and Manufacturing, DuPont.



5



The screenshot shows the SciFinder interface with the following details:

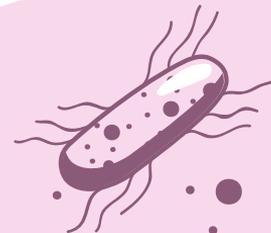
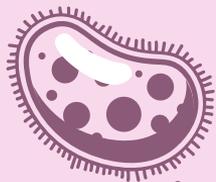
- Search Topic: "organic chemistry" > references (269225)
- Sort By: Accession Number
- 0 of 269225 References Selected
- Page 1 of 1362
- Sample Analysis table (highlighted with a red box):

Author Name	Count
Aron	≥ 85
Zhang Wei	≥ 23
Zhang Hui	≥ 19
Liu Yang	≥ 18
Wang Ping	≥ 18
Li Jing	≥ 17
Wang Wei	≥ 17
Anonymous	≥ 16
Li Yan	≥ 16
Schauer James J	≥ 15

Three search results are visible:

- Intelligent water-free toilet [Machine Translation].**
By Yu, Shuzhan
From *Naming Zhuanli Shenqing* (2020), CN 11105139 A 20200915. | Language: Chinese, Database: CNPLUS
[Machine Translation of Description]. The invention discloses an intelligent water-free toilet which comprises a room body, a squatting pan without flushing and a support frame, wherein the support frame is arranged on one side of the room body, and the squatting pan without flushing is arranged on one side of the support frame; according to the invention, the excrement and urine are separated through the excrement pool and the urine separating plate, the excrement enters the excrement collecting box through the cleaning mechanism, the urine is collected through the urine separating plate and...
- Zn(II)/Co(II)-based metal-organic frameworks: crystal structures, Ln(III)-functionalized luminescence and chemical sensing of dichloroaniline as pesticide biomarker**
By Qi, Wang-Liang; Yao, Bing
From *Journal of Materials Chemistry C: Materials for Optical and Electronic Devices* (2020), Ahead of Print. | Language: English, Database: CAPLUS
Zn(II)/Co(II)-based metal-org. frameworks: crystal structures, Ln(III)-functionalized luminescence and chem. sensing of dichloroaniline as pesticide biomarker.
- Discrete and Polymeric Cobalt Pyrophosphates Derived from Pyrophosphoric Acid Diester Ar2H2P2O7**
By Sharma, Kamini; Gupta, Sandeep K.; Murugesh, Ramaswamy
From *European Journal of Inorganic Chemistry* (2020), Ahead of Print. | Language: English, Database: CNPLUS
While the structural elucidation and coordination chem. of organo-monomorphosphates have been well investigated, research on the simplest member of organo-oligophosphates, viz. diorganopyrophosphates, is relatively rare due to the inherent hydrolytic instability of the ligand. Water elimination from the 2,6-diisopropyl Ph phosphite (diopH₂) by the action of dicyclohexylcarbodiimide (DCC) results in the isolation of a diorganopyrophosphate ligand formulated as [O(P(OAr)(OH)(O))₂]¹⁻ (or pyrodiopH₂) (Ar = 2,6-diisopropylphenyl). Due to the instability of 1, it has been transformed into its sodium...

Los resultados de su búsqueda se desplegarán de la siguiente manera. Del lado izquierdo se mostrarán análisis de algunos datos referentes a los resultados. En este caso, se muestran qué autores son los más recurrentes.

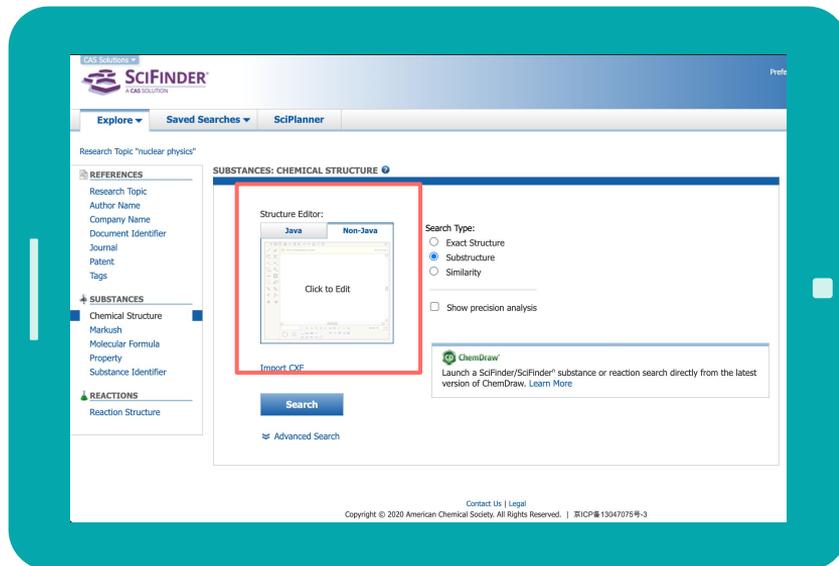


Sin embargo, usted puede seleccionar la opción que desee. Se pueden mostrar los análisis de acuerdo a la **base de datos**, el **tipo de documento**, el **año de publicación**, el **idioma**, etc. de los resultados obtenidos.

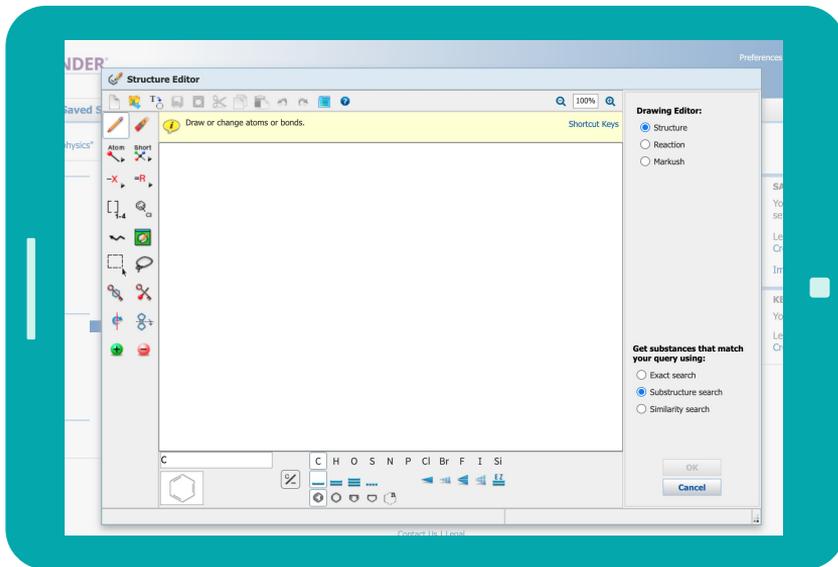
The screenshot displays the SciPlanner interface for a research topic on "organic chemistry". The main area shows a list of references, with the first one highlighted: "Intelligent water-free toilet [Machine Translation]". The sidebar on the left contains a "Simple Analysis" menu with various filtering options, including "Author Name", "CIS Registry Number", "CA Section Title", "Company-Organization", "Database", "Document Type", "Index Terms", "CA Concept Heading", "Journal Name", "Language", "Publication Year", "Supplementary Terms", and "Li Jing". The "Li Jing" option is currently selected, and a red box highlights the entire sidebar menu. The main reference list includes details such as the author (Yu, Shuzhan), the journal (Faming Zhuanli Shenqing), and the abstract text.

6

Además de los criterios de búsqueda tradicionales, Sci-Finder también proporciona la opción de buscar sustancias por su estructura química, su fórmula molecular, su estructura de Markush, entre otros.



The screenshot displays the SciFinder web interface. The main content area is titled 'SUBSTANCES: CHEMICAL STRUCTURE'. On the left, there is a navigation menu with sections for 'REFERENCES', 'SUBSTANCES', and 'REACTIONS'. The 'SUBSTANCES' section is expanded, showing options like 'Chemical Structure', 'Markush', 'Molecular Formula', 'Property', and 'Substance Identifier'. The 'Chemical Structure' option is selected. In the center, there is a 'Structure Editor' window with 'Java' and 'Non-Java' tabs. The 'Non-Java' tab is active, showing a chemical structure editor interface with a 'Click to Edit' button. To the right of the editor, there are search options: 'Search Type:' with radio buttons for 'Exact Structure', 'Substructure' (selected), and 'Similarity'. There is also a checkbox for 'Show precision analysis'. Below the search options, there is a 'ChemDraw' logo and a link to 'Launch a SciFinder/SciFinder substance or reaction search directly from the latest version of ChemDraw. Learn More'. At the bottom of the page, there is a footer with copyright information: 'Copyright © 2020 American Chemical Society. All Rights Reserved. | EICP# 13047075#-3'.



Haga click en el recuadro bajo
“Editor de estructura” para que
pueda dibujar la sustancia que
busca.