

## SCOPUS: GUÍA BÁSICA

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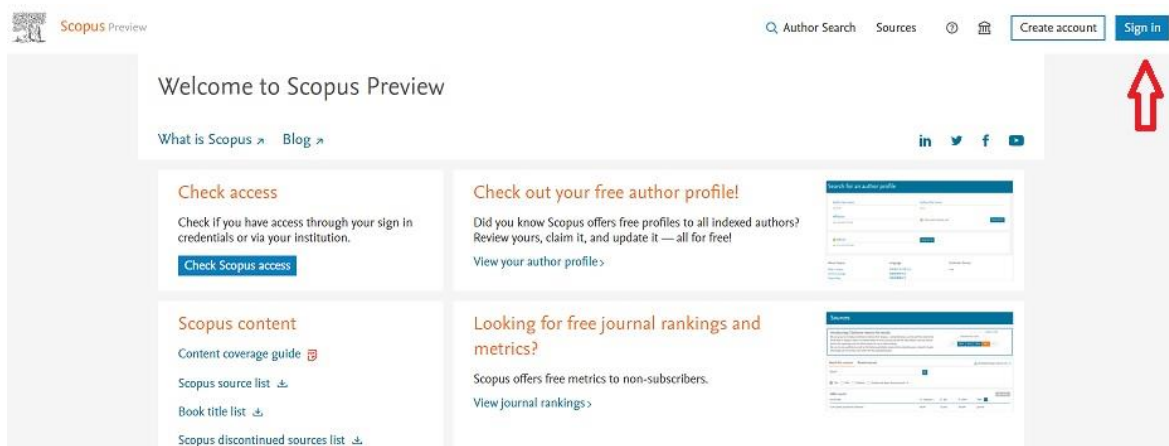
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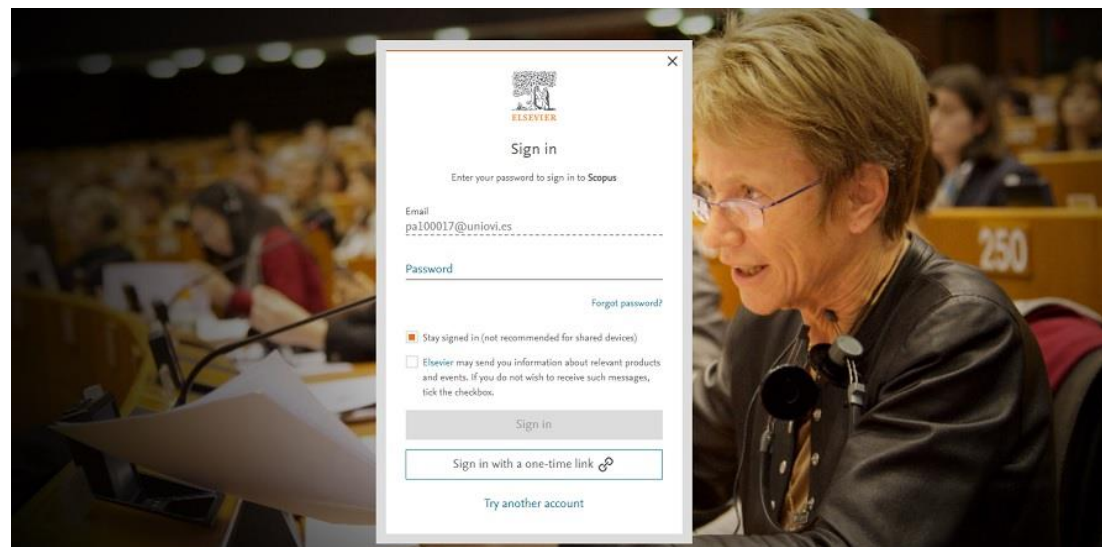
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2. Desde la web de la [Biblioteca de la Universidad de Oviedo](#) (E-BIBLIOTECA-BASES DE DATOS Y PLATAFORMAS-En el buscador: SCOPUS-Dentro del resultado: Mas información-ACCESO A SCOPUS y abrirá la pantalla para identificaros con vuestra cuenta institucional de la Universidad de Oviedo.
3. Desde la web de [Scopus](#)

Es recomendable registrarse en SCOPUS ya que tendremos desde el principio todas sus funcionalidades disponibles, como guardar búsquedas, exportar registros y crear alertas.





## BÚSQUEDAS EN SCOPUS

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## RESULTADOS DE LA BÚSQUEDA

¿Qué podemos hacer con los resultados de las búsquedas?

1. Guardarlos y crear alertas.
2. Añadir filtros.
3. Analizar los resultados. Mediante este análisis bibliométrico se muestran los documentos divididos por diferentes criterios.
4. Exportar los resultados tanto en diferentes formatos como a distintos gestores bibliográficos, descargar, analizar las citas...
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The screenshot shows a search results interface with the following elements:

- Search Bar:** Contains the query "solar AND energy".
- Actions:** "Save search" and "Set search alert" buttons are highlighted with a red box.
- Results Summary:** "357,686 documents found" is highlighted with a red box.
- Refinement Tools:** "Export", "Download", "Citation overview", and "More" options are highlighted with a red box. The "Sort by Date (newest)" dropdown is also highlighted with a red circle.
- Filters:** The "Filters" section is highlighted with a red circle, showing a "Year" filter with a range slider.
- Document List:** A table of search results is displayed below.

Document title	Authors	Source	Year	Citations
1. <b>Unveiling the photocatalytic marvels: Recent advances in solar heterojunctions for environmental remediation and energy harvesting</b>	Askari, N., Jamalzadeh, M., Askari, A., ...Li, H., Dewil, R.	Journal of Environmental Sciences (China) , 148, pp. 283–292	2025	2
2. <b>Gadolinium modified g-C<sub>3</sub>N<sub>4</sub> for S-Scheme heterojunction with monoclinic-WO<sub>3</sub>: Insights from DFT studies and related charge carrier dynamics</b>	Kalidasan, K., Mallapur, S., Kulkarni, B.B., ...Vishwa, P., Kumar, S.G.	Journal of Materials Science and Technology , 204, pp. 166–176	2025	0
3. <b>Sustainable Development in Renewable Energy: Solar Energy Application in Malaysia</b>	Lin, L.Y., Jing, K.T., Qing, C.T., Yee, H.C.	Journal of Advanced Research in Applied Sciences and Engineering Technology , 43(1), pp. 1–16	2025	0

De cada resultado obtenemos una serie de información:

1. Opciones de descarga, impresión, PDF, añadir a una lista, exportar a un gestor...
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4. Métricas.
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**Solar Energy** • Volume 77, Issue 5, Pages 445 - 459 • November 2004

## Photocatalytic water treatment: Solar energy applications

Bahnemann, Detlef

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<sup>a</sup> Department of Photocatalysis, Institut für Technische Chemie, Universität Hannover, D-30167 Hannover, Callinstr. 3, Germany

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**Abstract**

Reaxys Chemistry database Information

Indexed keywords

Sustainable Development Goals 2023

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**Abstract**

During the past 20 years research and development in the area of photocatalysis have been tremendous. One of the major applications of this technology is the degradation of organic pollutants in water and air streams which is considered as one of the so-called advanced oxidation processes. This overview briefly describes the basic principles of photocatalysis, focusing in particular on important mechanistic and kinetic aspects as well as on some requirements for efficient photocatalysts. Since the comparatively high costs associated with the generation of light from electricity constitute one of the major drawbacks particularly for the

**Cited by 767 documents**

Effect of cross-flow on heat and mass transfer rates at the outer surface of a spiral tube placed in a cylindrical container and possible application in heat exchanger/reactor design  
Abdel-Gawad, E.H., Saleh, I.H., Sedahmed, G.H. (2024) *Chemical Engineering Research and Design*

Neodymium-doped nickel cobaltite reinforced with 2D MXene nanocomposites (Nd-NiCo<sub>2</sub>O<sub>4</sub>/MXene) for enhanced photocatalytic degradation of the organic pollutants  
MohammedSaleh Katubi, K., Rasheed, A., Ihsan, A. (2024) *Optical Materials*

Metal halide perovskite-based photocatalysts for organic pollutants degradation: Advances, challenges, and future directions  
Masri, M., K. B., G., Hezam, A. (2024) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*

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