

Análisis bibliográfico de los artículos con autoría española en materiales compuestos.
2º trimestre de 2026

Prefacio

En su afán por divulgar el conocimiento en materiales compuestos generado en España y posibilitar el establecimiento de sinergias entre los distintos centros, y entre ellos y el tejido productivo, AEMAC hace un seguimiento de los artículos que se generan en revistas científicas y los condensa en estos informes periódicos.

El siguiente listado NO contiene todos los que se habrán generado. Ver los criterios de búsqueda al final de este documento. Este listado se ha generado a 2 de Septiembre de 2026.

El listado de artículos sigue a los publicados en el [1T 2018](#), [2T y 3T 2018](#), [4T 2018](#), [1T y 2T 2019](#), [3T 2019](#), [4T 2019](#), [1T y 2T 2020](#), [3T y 4T 2020](#), [1T 2021](#), [2T 2021](#), [3T y 4T 2021](#), [1T 2022](#), [2T 2022](#), [3T y 4T 2022](#), [1T 2023](#), [2T 2023](#), [3T y 4T 2023](#), [1T 2024](#), [2T 2024](#), [3T y 4T 2024](#), [1T 2025](#), [2T 2025](#), [3T y 4T 2025](#) y [1T 2026](#).

Listado de artículos aparecidos el 2º trimestre de 2026

Ajayi, A., Toro-Gallego, M., Franco, J., & Pandurangan, M. (2026). Impact of electrospun cellulose acetate-based nanofibers on the thermo-mechanical properties of banana fiber-reinforced composites. JOURNAL OF REINFORCED PLASTICS AND COMPOSITES. <https://doi.org/10.1177/07316844261467104>

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Benayache, W., Bouchareb, S., Doufnoune, R., Deghiche, A., Zerriouh, A., Aouissi, T.,...Belhaoues, A. (2026). Preparation and characterization of high-density polyethylene/graphene oxide (HDPE/GO) nanocomposites: Experimental and computational insights. JOURNAL OF REINFORCED PLASTICS AND COMPOSITES. <https://doi.org/10.1177/07316844261471351>

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Duarte, R., Chang, Z., Law, J., Franco, V., da Fonseca, W., Ventura, J.,...Andrade, V. (2026). Functionally graded magnetocaloric elastomer via rheological modulation. *COMPOSITES COMMUNICATIONS*, 66, Article 102868. <https://doi.org/10.1016/j.coco.2026.102868>

Esmaeili, Z., Cortés, A., Pantín, A., Isarn, I., de la Vega, J., Wang, D.,...Jiménez-Suárez, A. (2026). Fully Sustainable, Smart, and Flame-Retardant composite laminates based on epoxidized resveratrol reinforced with basalt and recycled carbon fibers. *COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING*, 210, Article 110093. <https://doi.org/10.1016/j.compositesa.2026.110093>

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Kwon, C., Li, C., Gonuleri, R., Alicioglu, B., Euvrard, N., Powell, T.,...Wardle, B. (2026). Inter-to intra-laminar crack bifurcation in aerospace-grade carbon fiber reinforced polymer composites due to aligned carbon nanotube reinforcement. *COMPOSITES SCIENCE AND TECHNOLOGY*, 284, Article 111729. <https://doi.org/10.1016/j.compscitech.2026.111729>

Li, M., Zou, Y., Li, H., Wang, B., & Harbin, J. (2026). An anisotropic phase-field fracture model for fiber-reinforced composites within an FFT-based computational framework. *COMPOSITES SCIENCE AND TECHNOLOGY*, 284, Article 111761. <https://doi.org/10.1016/j.compscitech.2026.111761>

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Molina-Jordá, J. (2026). Breaking barriers in thermal interface materials: Ultrahigh thermal conductivity and electrical insulation in epoxy/diamond composites via multimodal packing

and dual-mode interface engineering. COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, 208, Article 109891. <https://doi.org/10.1016/j.compositesa.2026.109891>

Osquilla, I., Craamer, H., Irastorza, A., de la Caba, K., & Guerrero, P. (2026). Design of 3D printed cellulose-protein scaffolds for tissue engineering. COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, 208, Article 109899. <https://doi.org/10.1016/j.compositesa.2026.109899>

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Shvydyuk, K., Moreira, M., Rodrigues, F., Silva, M., Santos, P., Silva, A.,...Nunes-Pereira, J. (2026). Multifunctional thermosetting composites for dielectric barrier discharge plasma actuators: Integrated mechanical, electrical and flow performance. COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, 211, Article 110146. <https://doi.org/10.1016/j.compositesa.2026.110146>

Urruzola, E., Merlo-Camuñas, L., Azcona, M., Cerdeira-Peinado, M., de la Guerra, E., & Iribarren, D. (2026). Social life-cycle assessment and life-cycle sustainability benchmarking of recycled carbon fibre. COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, 210, Article 110048. <https://doi.org/10.1016/j.compositesa.2026.110048>

Valagussa, P., Mostoni, S., Santana, M., Giner, I., Mauri, M., Simonutti, R.,...D'Arienzo, M. (2026). Sepiolite Nanofibers Decorated With Zn Single Sites: A Sustainable Filler for Mechanically Robust and Self-Healing Ionomeric Elastomer Composites. POLYMER COMPOSITES. <https://doi.org/10.1002/pc.71464>

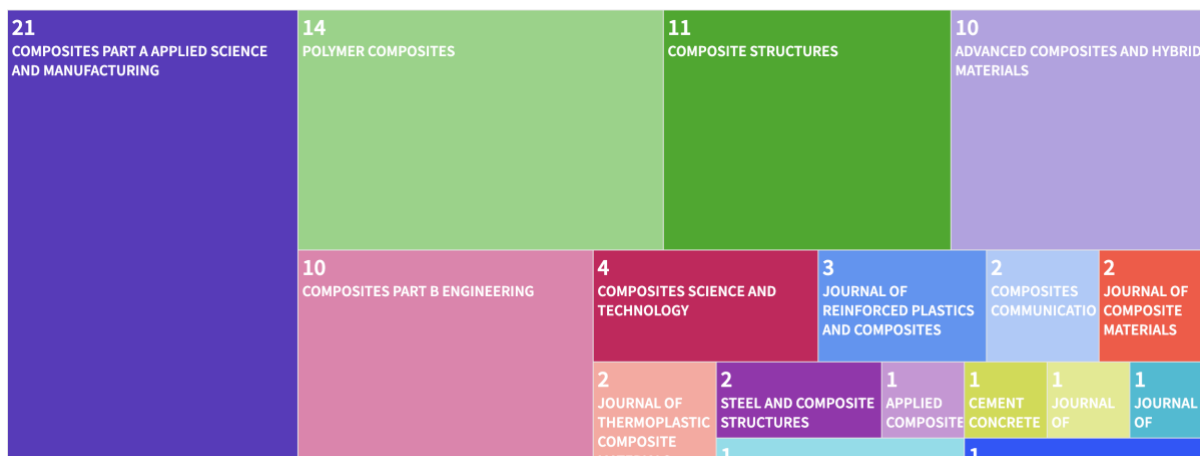
Xie, G., Luo, X., Li, T., Liu, Y., Zhang, H., Peng, Y., & Wang, K. (2026). Bio-inspired embedded lattice structures for synergistic load-bearing and energy absorption: Design, mechanical characterization, and multi-objective optimization. COMPOSITE STRUCTURES, 390, Article 120469. <https://doi.org/10.1016/j.compstruct.2026.120469>

Ye, W., Li, Z., Ma, D., Li, Z., Xiao, X., Chu, D.,...Wang, D. (2026). Spherical polyphosphazene flame-retardant for epoxy resin: preparation, performance and mechanism. COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, 209, Article 110006. <https://doi.org/10.1016/j.compositesa.2026.110006>

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Datos bibliográficos agregados (2026)

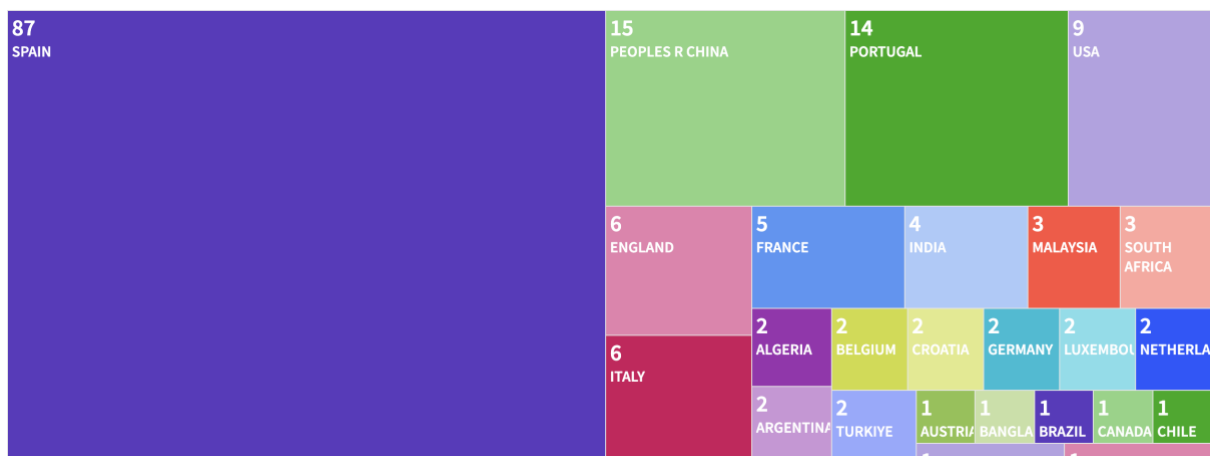
Revistas



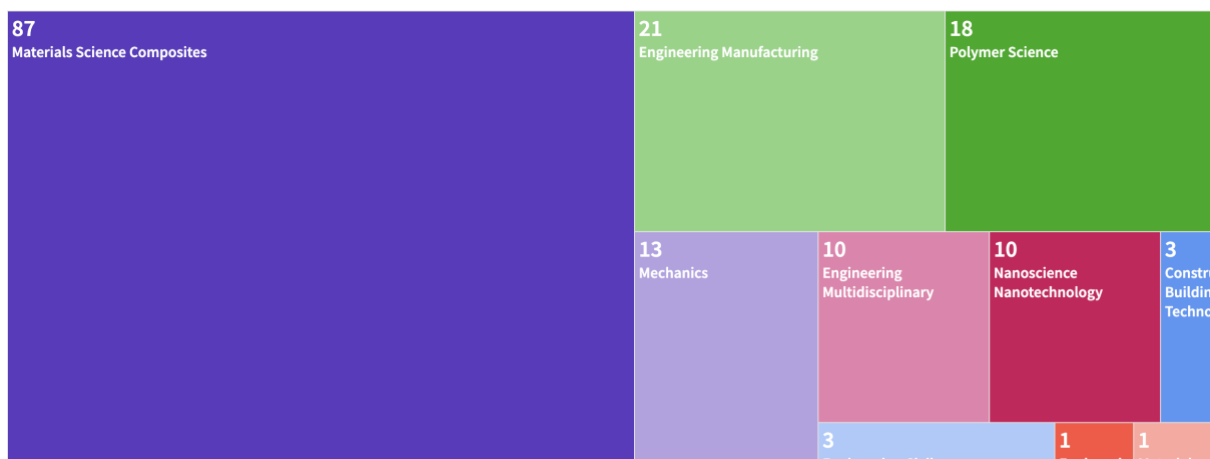
Grupos



Países colaboradores



Áreas temáticas



Agencias financiadoras



Criterios de búsqueda

Los artículos incluidos en el presente listado son los que aparecen en la base de datos “*Science Citation Index Expanded (SCI-EXPANDED) from Web of Knowledge Core Collection*” de Clarivate Analytics, con las restricciones: Subject = “Materials Science, Composites” y Country = “Spain”. Por lo tanto, por ejemplo, no aparecerán artículos de autores españoles afiliados a centros extranjeros ni artículos de composites publicados en revistas indexadas en otras materias (*subjects*).

Contribución a la ampliación de los criterios de búsqueda

Para identificar los artículos sobre materiales compuestos con autoría de centros de investigación españoles publicados en revistas indexadas en otras materias (*subjects*), los centros pueden enviar a AEMAC (administración@aemac.org) los criterios de “búsqueda avanzada” a utilizar en la base de datos antes citada que permitan identificar sin ambigüedad las publicaciones del centro. No se atenderá a la recepción de artículos individuales ni a criterios de “búsqueda avanzada” que no estén en el formato de la base de datos (el formato aceptable será el resultado de un “Saved Search” en la ventana de búsquedas avanzadas de la base de datos). El centro debe haber comprobado la fiabilidad del criterio de búsqueda (no debe generar ni artículos de otros campos ni de otros autores).

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La información contenida en este listado está destinada únicamente a fines informativos con objeto de fomentar su difusión en el sector español y se ha recabado de bases de datos de terceros. Por la presente nota de descargo de responsabilidad, AEMAC declina cualquier responsabilidad por omisión o inexactitud de la información recogida en este documento.