

Nature Sensors

About the Journal

Nature Sensors is a new online journal covering the development of novel sensor materials and devices, as well as the design, integration, and broader applications of sensor systems. It will publish original research as well as Commentaries, Reviews, and Analyses on key issues and emerging trends in sensing technologies.

Topics covered will include:

- Imaging sensing
- Analogue and digital electronics
- Acoustic and ultrasonic sensing
- Chemical sensors
- Nanosensors
- Implantable sensors
- Point-of-care diagnostics
- Structural health monitoring
- Sustainability and green technologies
- Human–robot interaction
- AI-enhanced sensing
- Industrial automation
- 5G/6G sensor networks

Nature Sensors will foster interdisciplinary collaboration and address key challenges and innovations in sectors such as healthcare, environmental monitoring, smart technologies, and beyond. Like other Nature journals, *Nature Sensors* will be curated by a dedicated team of full-time editors.

nature.com/naturesensors



Chief Editor:

[Olga Bubnova, PhD, ORCID](#)

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Editorial Value

Nature and the Nature research journals

Since 1869, *Nature* and later the Nature research journals—have championed scientific work, identifying and publishing research that makes major advance within a research field, partnering with researchers across the globe to bring their most significant work to the widest possible audience: **376 highly qualified specialist staff** work on the creation of Nature and the Nature research journals' exceptional primary research every day.

Research that is news

In 2024, the Nature Portfolio's dedicated international press team worked to support the publication of over 130,400 news stories, supporting authors in reaching researchers, policymakers and the general public with accurately and clearly reported news.



The accretion of a solar mass per day by a 17-billion solar mass black hole. *Nature Astronomy*. Reported over 2,977 times. Featured in the New York Times, The Guardian and Folha se S.Paulo.



A global timekeeping problem postponed by global warming. *Nature*. Reported over 2,748 times. Featured in the Washington Post, BBC and Le Figaro.



Non-invasive spinal cord electrical stimulation for arm and hand function in chronic tetraplegia: a safety and efficacy trial. *Nature Medicine*. Reported 2,390 times.

Community engagement

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Community engagement

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1,141
conferences and lab visits



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