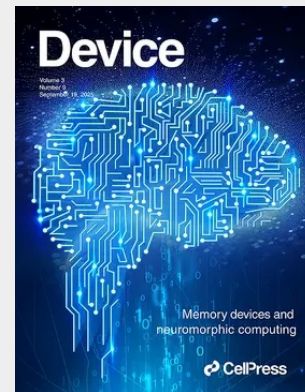


Device, a sister journal to Cell, is a monthly journal encompassing the applied research needed to make groundbreaking fundamental research into tomorrow's cutting-edge technology. The disciplines and expertise needed to build devices that positively impact human lives are diverse, and as such, Device will publish research in applied physics, computer science, chemistry, biology, engineering, and more as it applies to driving integrated, purpose-driven applications. Examples of topical areas of interest to the journal include but are by no means limited to: Water purification Energy harvesting and storage Biomedical devices Quantum computers and photonic devices 2D devices and materials Devices meant for extreme and/or cryogenic conditions High-performance and capacity memory Nanomaterials Single-crystal devices Heterogeneous devices Laboratory robotics and automation Artificial intelligence and machine learning models relevant to applied research Computational physics and modeling as related to device development Internet of Things devices Flexible and wearable electronics A key focus is on the integration of materials and concepts at multiple levels across the device-development pipeline. Inventing a new material is only part of the work required to implement it in a practically useful setting, much like an electrolyte that performs best under vacuum in initial studies may not be the ideal structure once real-world conditions are required. This is to say that Device will prioritize the form as well as the function of the advances considered in submitted research. Device highlights real-world implications of the research published where appropriate. Authors are encouraged to highlight and amplify the implications, challenges, and opportunities of their work across the entire field and beyond. Device will purposefully explore the sustainability, accessibility, ethics, and socioeconomic implications of device research throughout the entire journal.

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