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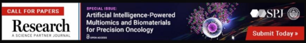

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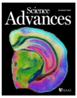

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Metal-free redox active covalent organic frameworks for electrocatalytic oxygen reduction reaction

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Amorphization-templated nanocrystallization endows TiNi alloys with ultrahigh strength and programmable superelasticity

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Visualizing interfacial thermal resistance in two-dimensional material–polymer composites from measurement to mechanistic understanding

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A pro-natural product design strategy affords ester-based green fungicide candidates

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Development of mitochondrial mutator pigs exhibiting increased mitochondrial DNA mutations and premature aging via prime editing

BY FANGBING CHEN, YANHUI LIANG, WEI ZHENG, AOBO YAO, NING WANG, HUANGYAO CHEN, ZHENPENG ZHUANG, MENG LIAN, YU ZHAO, ZHEN OUYANG, [...] KEPIN WANG +5 authors • 26 AUG 2026

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Adipose-cartilage communication via EV-Mito–mtDNA signaling promotes osteoarthritis progression

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Prefoldin function links meiotic chromosome segregation with cellular remodeling and reveals tubulin sensitivity of the meiotic spindle

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Metabolic control of smooth muscle cell phenotype switching in atherosclerosis

BY RONG-MO ZHANG, XIAOLONG ZHU, HOSUNG BAE, JIASHENG ZHANG, YANMING LI, PEI-YU CHEN, YING H. SHEN, GEORGE TELLIDES, NATHANIEL SNYDER, CHOLSOON JANG, [...] MICHAEL SIMONS +2 authors • **26 AUG 2026**

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The structure of the dopamine D$_3$ receptor bound to cariprazine reveals principles for partial agonists with designed pharmacology

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O-Glycosylated expansin *Th*SWO condensates drive *Trichoderma harzianum* attachment to rice root during the colonization process

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