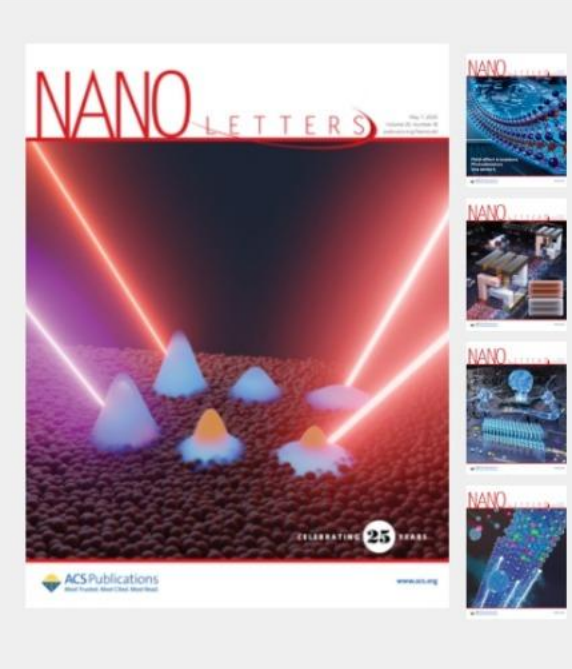

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Illustration of pump–probe spectroscopy of a colloidal semiconductor nanocrystal film, highlighting transient photoinduced heating effects. Heating following excitation above the band gap or at high fluences impacts transient spectra, relaxation kinetics, and carrier diffusivity measurements. The findings emphasize the importance of considering thermal contributions for accurate interpretation of spectroscopy measurements.
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Keyue Liang, Xintong Yuan, Xin Chen, Bo Liu, Jung Tae Kim, Jiayi Yu, Dingqi Zhao, and Yuzhang Li*
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Tuning Kinetic Inductance with Doping in Superconducting Electron Gases at the $KTaO_3$ (111) Interface

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Synchronous Regulation of S-Deficient ZnS-MoS_2 Heterostructure Nanoreactor for Fast and Durable Sodium Storage

Ying Jiang*, Mingyu Lian, Jinlian Ma, Yunsong Long, Xuejing Guo, Yitong Sun, Junchao Lao, and Zhengqing Ye*
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Bimerons as Edge States in Thin Magnetic Strips

Mario Castro*, David Gálvez-Poblete, Sebastián Castillo-Sepúlveda, Vagson L. Carvalho-Santos, Alvaro S. Nunez, and Sebastian Allende
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Marcel Herbert and Eric H. Hill*
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Engineering Artificial Protrusions of Zn Anodes for Aqueous Zinc Batteries

Jifei Sun, Xinhua Zheng, Chengxin Zhu, Mingming Wang, Yan Xu, Ke Li, Yuan Yuan, Mingyan Chuai, Zaichun Liu, Taoli Jiang, Hanlin Hu*, and Wei Chen*
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Co$(acac)_2$-Mediated Regulation of Li_2O_2 Gradient Growth in Lithium–Oxygen Batteries

Xingzi Zheng, Peiyuan Su, Jingshen Xu, Qingyu Kong, Jianing Yue, Wenli Su*, Jihao Zhang, Siao Li, Wei Xiong, Xingyu Chen, Feifei Su, Qiangqiang Zhong*, Jiachang Huang, Haomin Jiang, Mengwei Yuan*, and Wenkai Zhang*
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Unraveling the Excited-State Dynamics of Er^{3+} in $LiErF_4$-Based Upconversion Nanoparticles

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Collective Electricity Generation over the Kilovolt Level from Water Droplets

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Pre-Label-Free Three-Dimensional Imaging of Cellular Bottom Topography with a Charge-Lock Electrochemiluminescence Microscope

Zejing Xing, Xiaodan Gou, Ruixin Yang, Yihan Wang, Wenjing Tang, Li-Ping Jiang*, Wenlei Zhu, Zixuan Chen, Qin Xu, Jun-Jie Zhu*, and Cheng Ma*
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Interplay of Ultrafast Electron–Phonon and Electron–Electron Scattering in $Ti_3C_2T_x$ MXenes: Ab Initio Quantum Dynamics

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Proton-Mediated ROS Amplification in Hydrazone-Linked Pillararene Microspheres for Photocatalysis

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Bionic Microstructure/Nanofiller Heterogeneous Ultradurable Superhydrophobic Surface Based on Metal Additive Manufacturing

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Target-Zippable Anisotropic Near-Infrared AuNRs for Highly Reliable and Bright SERS Imaging of miRNA *In Vivo*

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Dynamics and Machine Learning Reveal the Link between Tripeptide Sequences and Evaporation-Driven Material Properties

Ao Wang, Wenkai Liu, Xiaohan Jin, Hecheng Wu, Dongfei Zhang, Xianglong Han, Yang Liu*, Zhen Li, Mingming Ding, Jiehua Li, and Hong Tan*
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Activatable Chemodynamic Theranostics through Molecular Imaging-Energized Companion Diagnostics

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Direct cGAMP Delivery via Iron Oxide Nanoparticles for Enhanced STING Activation and Durable Antitumor Immunity

Chen Yang, Han Ma, Junli Meng, Jingjiao Li, Haonan Huo, Wei Li, Yuanyuan Zhao, Yixing Wen, Shiwei Mi, Shuai Liu, Xingdi Cheng, Haowei Zu, Simin Tang, Li Ye, Hao Wang, Yaqi He*, Xueguang Lu*, and Mingyuan Gao*
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High-Purity Single-Photon Emission in Near-Infrared InAs Colloidal Quantum Dots with Strong Exciton Confinement

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Keto-Oxygen on Graphitic Surface with Downshifted *p*-Band Center Achieves Efficient Metal-Free Transfer Hydrogenation of Nitroarenes

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Correction to "Electron Compensation Effect Suppressed Silver Ion Release and Contributed Safety of Au@Ag Core–Shell Nanoparticles"

Yanlin Feng, Guorui Wang, Yun Chang, Yan Cheng, Bingbing Sun, Liming Wang*, Chunying Chen, and Haiyuan Zhang*
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