

Karalee Jarvis

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Facilitating the Operation of Lithium-Ion Cells with High-Nickel Layered Oxide Cathodes with a Small Dose of Aluminum. <i>Chemistry of Materials</i> , 2018, 30, 3101-3109.	6.7	119
2	Microwave-Assisted Synthesis of Classically Immiscible Ag-Ir Alloy Nanoparticle Catalysts. <i>ACS Catalysis</i> , 2018, 8, 11386-11397.	11.2	57
3	Microwave-Assisted Synthesis of Pd ₁₀₀ -Au ₁₀₀ Alloy Nanoparticles: A Combined Experimental and Theoretical Assessment of Synthetic and Compositional Effects upon Catalytic Reactivity. <i>ACS Catalysis</i> , 2016, 6, 4882-4893.	11.2	54
4	Surface Reconstruction in Li-Rich Layered Oxides of Li-Ion Batteries. <i>Chemistry of Materials</i> , 2017, 29, 7668-7674.	6.7	45
5	Insights into the Improved Chemical Stability against Water of LiF-Incorporated Layered Oxide Cathodes for Sodium-Ion Batteries. , 2019, 1, 89-95.		39
6	Molten-Salt Synthesis of O ₃ -Type Layered Oxide Single Crystal Cathodes with Controlled Morphology towards Long-Life Sodium-Ion Batteries. <i>Small</i> , 2022, 18, e2106927.	10.0	24
7	Association of Type 2 Diabetes with Submicron Titanium Dioxide Crystals in the Pancreas. <i>Chemical Research in Toxicology</i> , 2018, 31, 506-509.	3.3	20
8	Stabilizer-Free CuIr Alloy Nanoparticle Catalysts. <i>Chemistry of Materials</i> , 2019, 31, 10225-10235.	6.7	16
9	Mean Free Path Suppression of Low-Frequency Phonons in SiGe Nanowires. <i>Nano Letters</i> , 2020, 20, 8384-8391.	9.1	12
10	Effects of grain boundaries and defects on anisotropic magnon transport in textured Sr ₁₄ Cu ₂₄ O ₄₁ . <i>Physical Review B</i> , 2017, 95, .	3.2	10
11	Potentially Pathogenic Calcium Oxalate Dihydrate and Titanium Dioxide Crystals in the Alzheimer's Disease Entorhinal Cortex. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 547-550.	2.6	7
12	Synthesis and Magnon Thermal Transport Properties of Spin Ladder Sr ₁₄ Cu ₂₄ O ₄₁ Microstructures. <i>Advanced Functional Materials</i> , 2020, 30, 2001637.	14.9	7
13	Intrinsic Li Distribution in Layered Transition-Metal Oxides Using Low-Dose Scanning Transmission Electron Microscopy and Spectroscopy. <i>Chemistry of Materials</i> , 2021, 33, 4638-4650.	6.7	7
14	Contact Conductance Governs Metallicity in Conducting Metal Oxide Nanocrystal Films. <i>Nano Letters</i> , 2022, 22, 5009-5014.	9.1	3