

Song Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

540
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687363

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citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible Polycondensation-Termination Growth of Covalent-Organic-Framework Spheres, Fibers, and Films. <i>Matter</i> , 2019, 1, 1592-1605.	10.0	84
2	Emerging trends in 2D nanotechnology that are redefining our understanding of "Nanocomposites". <i>Nano Today</i> , 2018, 21, 18-40.	11.9	59
3	Autoperforation of 2D materials for generating two-terminal memristive Janus particles. <i>Nature Materials</i> , 2018, 17, 1005-1012.	27.5	56
4	Dual Phase Change Thermal Diodes for Enhanced Rectification Ratios: Theory and Experiment. <i>Advanced Energy Materials</i> , 2018, 8, 1702692.	19.5	45
5	Implantable Nanosensors for Human Steroid Hormone Sensing In Vivo Using a Self-templating Corona Phase Molecular Recognition. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000429.	7.6	45
6	Polymer nanocomposites with aligned two-dimensional materials. <i>Progress in Polymer Science</i> , 2021, 114, 101360.	24.7	39
7	Toward Covalent Organic Framework Metastructures. <i>Journal of the American Chemical Society</i> , 2021, 143, 5003-5010.	13.7	37
8	Microscale solid-state thermal diodes enabling ambient temperature thermal circuits for energy applications. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13172-13181.	2.8	35
9	Core-Shell and Yolk-Shell Covalent Organic Framework Nanostructures with Size-Selective Permeability. <i>Cell Reports Physical Science</i> , 2020, 1, 100062.	5.6	28
10	Design and Synthesis of a Well-Controlled Mechanoluminescent Polymer System Based on Fluorescence Resonance Energy Transfer with Spiropyran as a Force-Activated Acceptor and Nitrobenzoxadiazole as a Fluorescent Donor. <i>Macromolecules</i> , 2019, 52, 7920-7928.	4.8	24
11	Asymmetrical Exchange of Monomers for Constructing Hollow Nanoparticles and Antifragile Monoliths. <i>Matter</i> , 2021, 4, 618-634.	10.0	22
12	Toward Maximizing the Mechanical Property of Interconnected Macroporous Polystyrenes Made from High Internal Phase Emulsions. <i>Langmuir</i> , 2017, 33, 14295-14303.	3.5	19
13	Hyperbranched polyethylene-supported <scp>l</scp>-proline: a highly selective and recyclable organocatalyst for asymmetric aldol reactions. <i>Catalysis Science and Technology</i> , 2015, 5, 3798-3805.	4.1	16
14	Pesticide detection with covalent-organic-framework nanofilms at terahertz band. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114274.	10.1	13
15	Hierarchical Assembly of Two-Dimensional Polymers into Colloidosomes and Microcapsules. <i>ACS Macro Letters</i> , 2021, 10, 933-939.	4.8	9
16	Grafting Hollow Covalent Organic Framework Nanoparticles with Thermal-Responsive Polymers for the Controlled Release of Preservatives. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 22982-22988.	8.0	9