

Xintai Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thermoelectric properties of organic thin films enhanced by π - π stacking. <i>JPhys Energy</i> , 2022, 4, 024002.	5.3	6
2	Multi-component self-assembled molecular-electronic films: towards new high-performance thermoelectric systems. <i>Chemical Science</i> , 2022, 13, 5176-5185.	7.4	14
3	Assembly, structure and thermoelectric properties of 1,1-dialkynylferrocene "hinges"™. <i>Chemical Science</i> , 2022, 13, 8380-8387.	7.4	8
4	Hotspot generation for unique identification with nanomaterials. <i>Scientific Reports</i> , 2021, 11, 1528.	3.3	4
5	Optimised power harvesting by controlling the pressure applied to molecular junctions. <i>Chemical Science</i> , 2021, 12, 5230-5235.	7.4	18
6	Carbazole-Based Tetrapodal Anchor Groups for Gold Surfaces: Synthesis and Conductance Properties. <i>Angewandte Chemie</i> , 2020, 132, 892-899.	2.0	6
7	Carbazole-Based Tetrapodal Anchor Groups for Gold Surfaces: Synthesis and Conductance Properties. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 882-889.	13.8	22
8	Molecular-scale thermoelectricity: as simple as ABC™. <i>Nanoscale Advances</i> , 2020, 2, 5329-5334.	4.6	16
9	Tuning the thermoelectrical properties of anthracene-based self-assembled monolayers. <i>Chemical Science</i> , 2020, 11, 6836-6841.	7.4	26
10	Scale-Up of Room-Temperature Constructive Quantum Interference from Single Molecules to Self-Assembled Molecular-Electronic Films. <i>Journal of the American Chemical Society</i> , 2020, 142, 8555-8560.	13.7	34
11	In-Place Modulation of Rectification in Tunneling Junctions Comprising Self-Assembled Monolayers. <i>Nano Letters</i> , 2018, 18, 7552-7559.	9.1	41
12	Molecular Heterojunctions of Oligo(phenylene ethynylene)s with Linear to Cruciform Framework. <i>Advanced Functional Materials</i> , 2015, 25, 1700-1708.	14.9	29