

# Xintai Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5339661/publications.pdf>

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1163117

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1125743

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docs citations

13  
times ranked

244  
citing authors

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