

# Jing Zheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11227103/publications.pdf>

Version: 2024-02-01

15  
papers

672  
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933447

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1058476

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all docs

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docs citations

15  
times ranked

650  
citing authors

#	ARTICLE	IF	CITATIONS
1	Binary Phases and Crystals Assembled from Active and Passive Colloids. ACS Nano, 2022, 16, 6801-6812.	14.6	11
2	A Formaldehyde Sensor Based on Self-Assembled Monolayers of Oxidized Thiophene Derivatives. Langmuir, 2021, 37, 5916-5922.	3.5	4
3	Solution-Synthesized Multifunctional Janus Nanotree Microswimmer. Advanced Functional Materials, 2021, 31, 2106204.	14.9	23
4	Ion-exchange enabled synthetic swarm. Nature Nanotechnology, 2021, 16, 288-295.	31.5	73
5	An AI-Active Ultrathin Polymeric Self-Assembled Monolayer Sensor for Trace Volatile Explosive Detection. Macromolecular Rapid Communications, 2021, 42, e2100551.	3.9	6
6	Rational Design of Reversible Redox Shuttle for Highly Efficient Light-Driven Microswimmer. ACS Nano, 2020, 14, 3272-3280.	14.6	25
7	From Strong Dichroic Nanomotor to Polarotactic Microswimmer. Advanced Materials, 2019, 31, e1903329.	21.0	49
8	Enhanced ion tolerance of electrokinetic locomotion in polyelectrolyte-coated microswimmer. Nature Communications, 2019, 10, 3921.	12.8	51
9	Full Spectrum Tunable Visible-Light-Driven Alloy Nanomotor. Advanced Functional Materials, 2019, 29, 1901768.	14.9	29
10	Light-Driven Micro/Nanomotor for Promising Biomedical Tools: Principle, Challenge, and Prospect. Accounts of Chemical Research, 2018, 51, 1957-1965.	15.6	182
11	A Silicon Nanowire as a Spectrally Tunable Light-Driven Nanomotor. Advanced Materials, 2017, 29, 1701451.	21.0	122
12	Orthogonal navigation of multiple visible-light-driven artificial microswimmers. Nature Communications, 2017, 8, 1438.	12.8	89
13	Chloride Anion Triggered Synthesis and Assembly of Gold Nanoparticle-Ultrathin Cadmium Selenide Nanowire Networks with Enhanced Photoconductivity. Particle and Particle Systems Characterization, 2013, 30, 97-101.	2.3	6
14	Nanowire Networks: Chloride Anion Triggered Synthesis and Assembly of Gold Nanoparticle-Ultrathin Cadmium Selenide Nanowire Networks with Enhanced Photoconductivity (Part. Part. Syst. Charact.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		
15	Flexible Electronics: Ultrathin Hetero-Nanowire-Based Flexible Electronics with Tunable Conductivity (Adv. Mater. 41/2013). Advanced Materials, 2013, 25, 5909-5909.	21.0	2