

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
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

650
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-Driven Micro/Nanomotor for Promising Biomedical Tools: Principle, Challenge, and Prospect. <i>Accounts of Chemical Research</i> , 2018, 51, 1957-1965.	15.6	182
2	A Silicon Nanowire as a Spectrally Tunable Light-Driven Nanomotor. <i>Advanced Materials</i> , 2017, 29, 1701451.	21.0	122
3	Orthogonal navigation of multiple visible-light-driven artificial microswimmers. <i>Nature Communications</i> , 2017, 8, 1438.	12.8	89
4	Ion-exchange enabled synthetic swarm. <i>Nature Nanotechnology</i> , 2021, 16, 288-295.	31.5	73
5	Enhanced ion tolerance of electrokinetic locomotion in polyelectrolyte-coated microswimmer. <i>Nature Communications</i> , 2019, 10, 3921.	12.8	51
6	From Strong Dichroic Nanomotor to Polarotactic Microswimmer. <i>Advanced Materials</i> , 2019, 31, e1903329.	21.0	49
7	Full Spectrum Tunable Visible-Light-Driven Alloy Nanomotor. <i>Advanced Functional Materials</i> , 2019, 29, 1901768.	14.9	29
8	Rational Design of Reversible Redox Shuttle for Highly Efficient Light-Driven Microswimmer. <i>ACS Nano</i> , 2020, 14, 3272-3280.	14.6	25
9	Solution-Synthesized Multifunctional Janus Nanotree Microswimmer. <i>Advanced Functional Materials</i> , 2021, 31, 2106204.	14.9	23
10	Binary Phases and Crystals Assembled from Active and Passive Colloids. <i>ACS Nano</i> , 2022, 16, 6801-6812.	14.6	11
11	Chloride Anion Triggered Synthesis and Assembly of Gold Nanoparticle-Ultrathin Cadmium Selenide Nanowire Networks with Enhanced Photoconductivity. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 97-101.	2.3	6
12	An AlEo-Active Ultrathin Polymeric Self-Assembled Monolayer Sensor for Trace Volatile Explosive Detection. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100551.	3.9	6
13	A Formaldehyde Sensor Based on Self-Assembled Monolayers of Oxidized Thiophene Derivatives. <i>Langmuir</i> , 2021, 37, 5916-5922.	3.5	4
14	Flexible Electronics: Ultrathin Hetero-Nanowire-Based Flexible Electronics with Tunable Conductivity (<i>Adv. Mater.</i> 41/2013). <i>Advanced Materials</i> , 2013, 25, 5909-5909.	21.0	2
15	Nanowire Networks: Chloride Anion Triggered Synthesis and Assembly of Gold Nanoparticle-Ultrathin Cadmium Selenide Nanowire Networks with Enhanced Photoconductivity (Part. Part. Syst. Charact.) <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i>	14.6	11