

Yoonsoo Rho

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

275
citations

1307594

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1281871

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14
all docs

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docs citations

14
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of hierarchical TiO ₂ nanowires with densely-packed and omnidirectional branches. <i>Nanoscale</i> , 2013, 5, 11147.	5.6	77
2	Digital selective growth of a ZnO nanowire array by large scale laser decomposition of zinc acetate. <i>Nanoscale</i> , 2013, 5, 3698.	5.6	45
3	Highly crystalline Ni/NiO hybrid electrodes processed by inkjet printing and laser-induced reductive sintering under ambient conditions. <i>Nanoscale</i> , 2016, 8, 8976-8985.	5.6	41
4	Programming Nanoparticles in Multiscale: Optically Modulated Assembly and Phase Switching of Silicon Nanoparticle Array. <i>ACS Nano</i> , 2018, 12, 2231-2241.	14.6	32
5	Site-Selective Atomic Layer Precision Thinning of MoS ₂ via Laser-Assisted Anisotropic Chemical Etching. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 39385-39393.	8.0	27
6	Improvement of light-harvesting efficiency in dye-sensitized solar cells using silica beads embedded in a TiO ₂ nanoporous structure. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 024006.	2.8	20
7	Fast Reversible Phase Change Silicon for Visible Active Photonics. <i>Advanced Functional Materials</i> , 2020, 30, 1910784.	14.9	19
8	Kirigami Engineering of Suspended Graphene Transducers. <i>Nano Letters</i> , 2022, 22, 5301-5306.	9.1	5
9	Laser machined ultrathin microscale platinum thermometers on transparent oxide substrates. <i>Sensors and Actuators A: Physical</i> , 2019, 300, 111657.	4.1	4
10	High-Speed Direct Writing of MoSe ₂ by Maskless and Gas-Free Laser-Assisted Selenization Process. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19333-19339.	3.1	3
11	Laser-Assisted Thermomechanical Thinning of MoTe ₂ in Nanoscale Lateral Resolution. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	2
12	Design and validation of a ten nanosecond resolved resistive thermometer for Gaussian laser beam heating. <i>Review of Scientific Instruments</i> , 2019, 90, 124903.	1.3	0
13	Laser-Induced Processing of Nanoparticles and Growth of Nanowires. , 2020, , 1-39.		0
14	Laser-Induced Processing of Nanoparticles and Growth of Nanowires. , 2021, , 1537-1575.		0