

Noushin Nasiri

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

1,107
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ext. papers

1,301
ext. citations

8.7
avg, IF

5
L-index

#	Paper	IF	Citations
32	Ultraporous Electron-Depleted ZnO Nanoparticle Networks for Highly Sensitive Portable Visible-Blind UV Photodetectors. <i>Advanced Materials</i> , 2015 , 27, 4336-43	24	178
31	Wearable and Miniaturized Sensor Technologies for Personalized and Preventive Medicine. <i>Advanced Functional Materials</i> , 2017 , 27, 1605271	15.6	177
30	Omnidirectional Self-Assembly of Transparent Superoleophobic Nanotextures. <i>ACS Nano</i> , 2017 , 11, 587-596	50.6	84
29	Three-dimensional nano-heterojunction networks: a highly performing structure for fast visible-blind UV photodetectors. <i>Nanoscale</i> , 2017 , 9, 2059-2067	7.7	67
28	Low-Voltage High-Performance UV Photodetectors: An Interplay between Grain Boundaries and Debye Length. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 2606-2615	9.5	50
27	Nanostructured Gas Sensors for Medical and Health Applications: Low to High Dimensional Materials. <i>Biosensors</i> , 2019 , 9,	5.9	45
26	Tunable Band-Selective UV-Photodetectors by 3D Self-Assembly of Heterogeneous Nanoparticle Networks. <i>Advanced Functional Materials</i> , 2016 , 26, 7359-7366	15.6	44
25	Nanostructured Chemiresistive Gas Sensors for Medical Applications. <i>Sensors</i> , 2019 , 19,	3.8	39
24	Self-assembly dynamics and accumulation mechanisms of ultra-fine nanoparticles. <i>Nanoscale</i> , 2015 , 7, 9859-67	7.7	38
23	Robust Sub-Monolayers of Co ₃ O ₄ Nano-Islands: A Highly Transparent Morphology for Efficient Water Oxidation Catalysis. <i>Advanced Energy Materials</i> , 2016 , 6, 1600697	21.8	38
22	NiO/ZnO Nanoheterojunction Networks for Room-Temperature Volatile Organic Compounds Sensing. <i>Advanced Optical Materials</i> , 2018 , 6, 1800677	8.1	38
21	Ultra-rapid synthesis of highly porous and robust hierarchical ZnO films for dye sensitized solar cells. <i>Solar Energy</i> , 2016 , 136, 553-559	6.8	36
20	Structural Engineering of Nano-Grain Boundaries for Low-Voltage UV-Photodetectors with Gigantic Photo- to Dark-Current Ratios. <i>Advanced Optical Materials</i> , 2016 , 4, 1787-1795	8.1	33
19	Hierarchical amorphous nanofibers for transparent inherently super-hydrophilic coatings. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 15575-15581	13	30
18	Nanoarchitectonics of Visible-Blind Ultraviolet Photodetector Materials: Critical Features and Nano-Microfabrication. <i>Advanced Optical Materials</i> , 2019 , 7, 1800580	8.1	29
17	Scalable Synthesis of Efficient Water Oxidation Catalysts: Insights into the Activity of Flame-Made Manganese Oxide Nanocrystals. <i>ChemSusChem</i> , 2015 , 8, 4162-71	8.3	28
16	Flexible Transparent Hierarchical Nanomesh for Rose Petal-Like Droplet Manipulation and Lossless Transfer. <i>Advanced Materials Interfaces</i> , 2015 , 2, 1500071	4.6	26

15	Ultraporous superhydrophobic gas-permeable nano-layers by scalable solvent-free one-step self-assembly. <i>Nanoscale</i> , 2016 , 8, 6085-93	7.7	25
14	Ultra-Porous Nanoparticle Networks: A Biomimetic Coating Morphology for Enhanced Cellular Response and Infiltration. <i>Scientific Reports</i> , 2016 , 6, 24305	4.9	19
13	One-Step Synthesis of Porous Transparent Conductive Oxides by Hierarchical Self-Assembly of Aluminum-Doped ZnO Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 9589-9599	9.5	18
12	Optimally Hierarchical Nanostructured Hydroxyapatite Coatings for Superior Prosthesis Biointegration. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 24840-24849	9.5	16
11	Flame-made ultra-porous TiO layers for perovskite solar cells. <i>Nanotechnology</i> , 2016 , 27, 505403	3.4	9
10	Nanostructured Gas Sensors: From Air Quality and Environmental Monitoring to Healthcare and Medical Applications. <i>Nanomaterials</i> , 2021 , 11,	5.4	8
9	Microstructural, mechanical and thermal properties of microwave sintered Cu-MWCNT nanocomposites. <i>Journal of Alloys and Compounds</i> , 2020 , 822, 153675	5.7	6
8	A network analysis of angiogenesis/osteogenesis-related growth factors in bone tissue engineering based on in-vitro and in-vivo data: A systems biology approach. <i>Tissue and Cell</i> , 2021 , 72, 101553	2.7	6
7	Nanomaterials-based UV photodetectors 2019 , 123-149		5
6	Fractal dimension analysis of Mg ₂ Si particles of Al ₁₅ Mg ₂ Si composite and its relationships to mechanical properties. <i>Results in Materials</i> , 2020 , 7, 100118	2.3	4
5	Nanomaterials in 3D bioprinting 2019 , 149-172		3
4	Metal-Organic-Frameworks: Low Temperature Gas Sensing and Air Quality Monitoring. <i>Chemosensors</i> , 2021 , 9, 316	4	2
3	Advances in Wearable Sensing Technologies and Their Impact for Personalized and Preventive Medicine		2
2	Introductory Chapter: Wearable Technologies for Healthcare Monitoring 2019 ,		2
1	Statistical Analysis of Laser-Welded Blanks in Deep Drawing Process: Response Surface Modeling. <i>Journal of Materials Engineering and Performance</i> ,1	1.6	1