

Jatin J Patil

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

210
citations

1306789

7
h-index

1473754

9
g-index

10
all docs

10
docs citations

10
times ranked

330
citing authors

#	ARTICLE	IF	CITATIONS
1	Failing Forward: Stability of Transparent Electrodes Based on Metal Nanowire Networks. <i>Advanced Materials</i> , 2021, 33, e2004356.	11.1	74
2	Modular Design of Advanced Catalytic Materials Using Hybrid Organic-Inorganic Raspberry Particles. <i>Advanced Functional Materials</i> , 2018, 28, 1704559.	7.8	31
3	Conductive carbonaceous membranes: recent progress and future opportunities. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3270-3289.	5.2	28
4	Highly Conductive and Permeable Nanocomposite Ultrafiltration Membranes Using Laser-Reduced Graphene Oxide. <i>Nano Letters</i> , 2021, 21, 2429-2435.	4.5	26
5	Catalyst Self-Assembly for Scalable Patterning of Sub 10 nm Ultrahigh Aspect Ratio Nanopores in Silicon. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 8043-8049.	4.0	18
6	Oxynitride-Encapsulated Silver Nanowire Transparent Electrode with Enhanced Thermal, Electrical, and Chemical Stability. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4423-4433.	4.0	12
7	Ultra-high aspect ratio functional nanoporous silicon via nucleated catalysts. <i>RSC Advances</i> , 2017, 7, 11537-11542.	1.7	8
8	Variability Study for Low-Voltage Microelectromechanical Relay Operation. <i>IEEE Transactions on Electron Devices</i> , 2018, 65, 1529-1534.	1.6	7
9	Hybrid Approach to Fabricate Uniform and Active Molecular Junctions. <i>Nano Letters</i> , 2021, 21, 1606-1612.	4.5	6
10	Towards low-stiction nanoelectromechanical switches using self-assembled molecules. , 2017, , .		0