

# Jatin J Patil

## List of Publications by Year in descending order

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330  
citing authors

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