

# Niraj Kumar

## List of Publications by Year in descending order

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12  
papers

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933264

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docs citations

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times ranked

366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound-assisted synthesis of rGO supported NiO-TiO <sub>2</sub> nanocomposite: An efficient superior sonophotocatalyst under diffused sunlight. Journal of Environmental Chemical Engineering, 2022, 10, 107701.	3.3	5
2	Morphological reduction of Fe <sub>3</sub> O <sub>4</sub> by a single-step hydrothermal synthesis using 1D MnO <sub>2</sub> as a template and its supercapacitive behaviour. CrystEngComm, 2022, 24, 4611-4621.	1.3	14
3	Redox additive electrolyte assisted promising pseudocapacitance from strictly 1D and 2D blended structures of MnO <sub>2</sub> /rGO. Materials Characterization, 2022, 189, 111991.	1.9	18
4	Facile synthesis of 2D graphene oxide sheet enveloping ultrafine 1D LiMn <sub>2</sub> O <sub>4</sub> as interconnected framework to enhance cathodic property for Li-ion battery. Applied Surface Science, 2019, 463, 132-140.	3.1	49
5	Synergistically advancing Li storage property of hydrothermally grown 1D pristine MnO <sub>2</sub> over a mesh-like interconnected framework of 2D graphene oxide. Journal of Solid State Electrochemistry, 2019, 23, 1443-1454.	1.2	18
6	Enhanced pseudocapacitance from finely ordered pristine 1D-MnO <sub>2</sub> nanorods at favourably high current density using redox additive. Applied Surface Science, 2018, 449, 492-499.	3.1	47
7	Precise control of morphology of ultrafine LiMn <sub>2</sub> O <sub>4</sub> nanorods as a supercapacitor electrode via a two-step hydrothermal method. CrystEngComm, 2018, 20, 5707-5717.	1.3	22
8	Morphology and phase tuning of 1D- and 2D-MnO <sub>2</sub> nanocacti evolved at varying modes of acid count for their well-coordinated energy storage and visible-light-driven photocatalytic behaviour. RSC Advances, 2017, 7, 25041-25053.	1.7	51
9	One-pot synthesis and first-principles elasticity analysis of polymorphic MnO <sub>2</sub> nanorods for tribological assessment as friction modifiers. RSC Advances, 2017, 7, 34138-34148.	1.7	25
10	Facile size-controllable synthesis of single crystalline 2D-MnO <sub>2</sub> nanorods under varying acidic strengths. RSC Advances, 2016, 6, 7448-7454.	1.7	24
11	Morphological analysis of ultra fine 1D-MnO <sub>2</sub> nanowires under different reaction conditions. Materials Letters, 2015, 158, 309-312.	1.3	31
12	Charge transport in a zigzag silicene nanoribbon. , 2013, , .		1