Amit Nautiyal

List of Publications by Year
in descending order

19 papers	782 citations	687363 13 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	1098 citing authors

#	Article	IF	Citations
1	Fentanyl Assay Derived from Intermolecular Interaction-Enabled Small Molecule Recognition (iMSR) with Differential Impedance Analysis for Point-of-Care Testing. Analytical Chemistry, 2022, 94, 9242-9251.	6.5	7
2	Identification of human coronavirus: an overview on conventional, newly developed and alternative methods. ES Food & Agroforestry, 2021, , .	1.3	1
3	Electropolymerization of polyaniline as high-performance binder free electrodes for flexible supercapacitor. Electrochimica Acta, 2021, 376, 138037.	5.2	66
4	Ferrimicrobium acidiphilum Exchanges Electrons With a Platinum Electrode via a Cytochrome With Reduced Absorbance Maxima at 448 and 605 nm. Frontiers in Microbiology, 2021, 12, 705187.	3.5	1
5	Facile microwave approach towards high performance MoS2/graphene nanocomposite for hydrogen evolution reaction. Science China Materials, 2020, 63, 62-74.	6.3	38
6	Polypyrrole film based flexible supercapacitor: mechanistic insight into influence of acid dopants on electrochemical performance. Electrochimica Acta, 2020, 357, 136877.	5.2	54
7	Recent Advances in Thermal Interface Materials. ES Materials & Manufacturing, 2020, , .	1.9	20
8	Tunable electrochemical performance of polyaniline coating via facile ion exchanges. Progress in Organic Coatings, 2019, 136, 105309.	3.9	4
9	Facile synthesis of nanostructured polyaniline in ionic liquids for high solubility and enhanced electrochemical properties. Advanced Composites and Hybrid Materials, 2019, 2, 279-288.	21.1	37
10	Tunable Three-Dimensional Nanostructured Conductive Polymer Hydrogels for Energy-Storage Applications. ACS Applied Materials & Interfaces, 2019, 11, 4258-4267.	8.0	69
11	One-step microwave synthesis of MoS2/MoO3@graphite nanocomposite as an excellent electrode material for supercapacitors. Advanced Composites and Hybrid Materials, 2019, 2, 151-161.	21.1	66
12	Facile synthesis of nickel-based metal organic framework [Ni₃(HCOO)₆] by microwave method and application for supercapacitor. Functional Materials Letters, 2018, 11, 1850030.	1.2	4
13	Recent progress on nanostructured conducting polymers and composites: synthesis, application and future aspects. Science China Materials, 2018, 61, 303-352.	6.3	184
14	Facile and ultrafast solid-state microwave approach to MnO2-NW@Graphite nanocomposites for supercapacitors. Ceramics International, 2018, 44, 5402-5410.	4.8	14
15	One-pot microwave synthesis of NiO/MnO2 composite as a high-performance electrode material for supercapacitors. Electrochimica Acta, 2018, 260, 952-958.	5.2	64
16	Microwave energy-based manufacturing of hollow carbon nanospheres decorated with carbon nanotubes or metal oxide nanowires. Journal of Materials Science, 2018, 53, 12178-12189.	3.7	7
17	High performance polypyrrole coating for corrosion protection and biocidal applications. Applied Surface Science, 2018, 427, 922-930.	6.1	91
18	High-performance Engineered Conducting Polymer Film towards Antimicrobial/Anticorrosion Applications. Engineered Science, 2018, , .	2.3	33

#	Article	IF	Citations
19	Comparison of polyaniline electrodeposition on carbon steel from oxalic acid and salicylate medium. Progress in Organic Coatings, 2016, 94, 28-33.	3.9	22