

Chandra Shekhar Kushwaha

List of Publications by Year in descending order

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20
papers

358
citations

858243

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21
times ranked

419
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition Metal and Conducting Polymers Nanocomposite for Sensing of Environmental Gases. Energy, Environment, and Sustainability, 2022, , 471-487.	0.6	1
2	Nanocomposites for Humidity Sensor: An Overview. , 2022, , 240-255.		0
3	Advances in conducting polymer nanocomposite based chemical sensors: An overview. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 284, 115856.	1.7	13
4	Sustainable Water Purification and Energy Generation Over Crystalline Chitosan Grafted Polyaniline Composite. Journal of Polymers and the Environment, 2021, 29, 3744-3755.	2.4	1
5	Structurally Functionalized Cupric Oxide Encapsulated Chitosan Grafted Polyaniline Composite for Potentiometric Sensing of Methyl Parathion. Macromolecular Chemistry and Physics, 2021, 222, 2100144.	1.1	5
6	Chemiresistive sensing of volatile ammonia over zinc oxide encapsulated polypyrrole based nanocomposite. Sensors and Actuators B: Chemical, 2021, 342, 130042.	4.0	20
7	Electrochemically triggered sensing and recovery of mercury over sodium alginate grafted polyaniline. New Journal of Chemistry, 2021, 45, 10626-10635.	1.4	4
8	Polymer-Based Hybrid Adsorbents for Water Remediation. , 2021, , 121-137.		0
9	A review on electrically conducting polymer bionanocomposites for biomedical and other applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, 69, 709-727.	1.8	38
10	Potentiometric detection of copper ion using chitin grafted polyaniline electrode. International Journal of Biological Macromolecules, 2020, 147, 250-257.	3.6	28
11	Potentiometric extractive sensing of lead ions over a nickel oxide intercalated chitosan-grafted-polyaniline composite. Dalton Transactions, 2020, 49, 13862-13871.	1.6	10
12	Electrochemical Sensing of Paracetamol Using Iron Oxide Encapsulated in Chitosan-Grafted-Polyaniline. ACS Applied Polymer Materials, 2020, 2, 2252-2259.	2.0	47
13	Self-activating zinc oxide encapsulated polyaniline-grafted chitosan composite for potentiometric urea sensor. Journal of Materials Science: Materials in Electronics, 2020, 31, 11887-11896.	1.1	24
14	Synthesis and Humidity Sensing Properties of NiO Intercalated Polyaniline Nanocomposite. Polymer-Plastics Technology and Materials, 2019, 58, 139-147.	0.6	10
15	Non-enzymatic potentiometric malathion sensing over chitosan-grafted polyaniline hybrid electrode. Journal of Materials Science, 2019, 54, 10846-10855.	1.7	23
16	Chemically modified optical fibers in advanced technology: An overview. Optics and Laser Technology, 2019, 115, 404-432.	2.2	40
17	Integrated approach for efficient humidity sensing over zinc oxide and polypyrrole composite. Materials Science and Engineering C, 2018, 90, 325-332.	3.8	36
18	Synthesis and humidity sensing property of Fe_2O_3 and polyaniline composite. Materials Today: Proceedings, 2018, 5, 9118-9125.	0.9	13

#	ARTICLE	IF	CITATIONS
19	Electrochemical urea sensing over polyaniline grafted chitosan copolymer. Materials Today: Proceedings, 2018, 5, 15253-15260.	0.9	12
20	Recent developments in conducting polymer based composites for sensing devices. Materials Today: Proceedings, 2017, 4, 5672-5681.	0.9	33