

Rajendra Kumar Reddy Gajjala

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

197
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Cu@Pd core-shell nanostructures for highly sensitive and selective amperometric analysis of histamine. <i>Biosensors and Bioelectronics</i> , 2018, 102, 242-246.	10.1	47
2	Fabrication of strong bifunctional electrocatalytically active hybrid Cu ₂ O nanoparticles in a carbon matrix. <i>Catalysis Science and Technology</i> , 2018, 8, 1414-1422.	4.1	42
3	Disulphide linkage: To get cleaved or not? Bulk and nano copper based SERS of cystine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 196, 229-232.	3.9	24
4	Template electrodeposition of high-performance copper oxide nanosensors for electrochemical analysis of hydrogen peroxide. <i>Materials Science and Engineering C</i> , 2017, 75, 1480-1488.	7.3	22
5	Phytoproteins in green leaves as building blocks for photosynthesis of gold nanoparticles: An efficient electrocatalyst towards the oxidation of ascorbic acid and the reduction of hydrogen peroxide. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 155, 7-12.	3.8	19
6	Co/Co@N@Nanoporous Carbon Derived from ZIF-67: A Highly Sensitive and Selective Electrochemical Dopamine Sensor. <i>Electroanalysis</i> , 2018, 30, 2475-2482.	2.9	16
7	Cu@Pd Core-Shell Nanostructures on Pencil Graphite Substrates as Disposable Electrochemical Sensors for the Detection of Biological Amines. <i>ACS Applied Nano Materials</i> , 2021, 4, 5047-5057.	5.0	12
8	Enzyme decorated dendritic bimetallic nanocomposite biosensor for detection of HCHO. <i>Talanta</i> , 2022, 238, 123054.	5.5	7
9	Facile Preparation of High-Performance Copper Oxide Sensors for Electroanalysis of Hydrogen Peroxide. <i>Materials Today: Proceedings</i> , 2017, 4, 12457-12469.	1.8	4
10	Aptasensors: Paradigm Shift for Detection of Food Toxins. , 2021, , 712-730.		2
11	Copper-Palladium Core-Shell Bifunctional Nanoelectrocatalyst for Ethanol Oxidation and Hydrogen Evolution Reactions. <i>Journal of the Electrochemical Society</i> , 2022, 169, 056501.	2.9	2