

Suresh Kumar Palathedath

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

480
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

602
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel conducting nanocomposites: synthesis of triphenylene-covered gold nanoparticles and their insertion into a columnar matrix. <i>Soft Matter</i> , 2007, 3, 896.	2.7	121
2	Highly selective colorimetric cysteine sensor based on the formation of cysteine layer on copper nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 431-437.	7.8	48
3	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
4	A facile method to prepare fluorescent carbon dots and their application in selective colorimetric sensing of silver ion through the formation of silver nanoparticles. <i>Journal of Luminescence</i> , 2016, 177, 228-234.	3.1	37
5	Electrical Conductivity Studies on Discotic Liquid Crystal~Ferrocenium Donor~Acceptor Systems. <i>Journal of Physical Chemistry B</i> , 2008, 112, 4865-4869.	2.6	34
6	Dispersion of Thiol Stabilized Gold Nanoparticles in Lyotropic Liquid Crystalline Systems. <i>Langmuir</i> , 2007, 23, 3445-3449.	3.5	29
7	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
8	The photocatalytic role of electrodeposited copper on pencil graphite. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3430-3432.	2.8	24
9	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
10	Electron-Transfer Studies in a Lyotropic Columnar Hexagonal Liquid Crystalline Medium. <i>Langmuir</i> , 2007, 23, 1548-1554.	3.5	20
11	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
12	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
13	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
14	Copper-silver bimetallic nanoelectrocatalyst on pencil graphite substrate for highly selective amperometric dopamine sensor. <i>Chemical Physics Letters</i> , 2020, 740, 137086.	2.6	10
15	Dual performing copper~platinum core~shell nanozyme for environmental electrochemistry~electrocatalytic oxidation and electroanalysis of ammonia. <i>Environmental Science: Nano</i> , 2021, 8, 3603-3612.	4.3	8
16	Templated bimetallic copper-silver nanostructures on pencil graphite for amperometric detection of nitrate for aquatic monitoring. <i>Journal of Electroanalytical Chemistry</i> , 2020, 856, 113660.	3.8	7
17	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