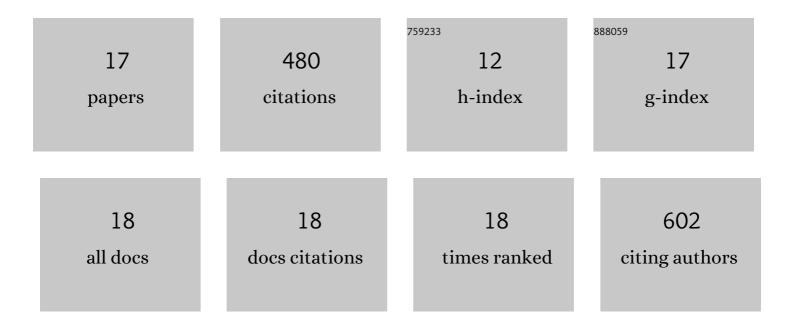
Suresh Kumar Palathedath

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Novel conducting nanocomposites: synthesis of triphenylene-covered gold nanoparticles and their insertion into a columnar matrix. Soft Matter, 2007, 3, 896.	2.7	121
2	Highly selective colorimetric cysteine sensor based on the formation of cysteine layer on copper nanoparticles. Sensors and Actuators B: Chemical, 2016, 233, 431-437.	7.8	48
3	Cu@Pd core-shell nanostructures for highly sensitive and selective amperometric analysis of histamine. Biosensors and Bioelectronics, 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. Journal of Luminescence, 2016, 177, 228-234.	3.1	37
5	Electrical Conductivity Studies on Discotic Liquid Crystalâ^'Ferrocenium Donorâ^'Acceptor Systems. Journal of Physical Chemistry B, 2008, 112, 4865-4869.	2.6	34
6	Dispersion of Thiol Stabilized Gold Nanoparticles in Lyotropic Liquid Crystalline Systems. Langmuir, 2007, 23, 3445-3449.	3.5	29
7	Disulphide linkage: To get cleaved or not? Bulk and nano copper based SERS of cystine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 196, 229-232.	3.9	24
8	The photocatalytic role of electrodeposited copper on pencil graphite. Physical Chemistry Chemical Physics, 2018, 20, 3430-3432.	2.8	24
9	Template electrodeposition of high-performance copper oxide nanosensors for electrochemical analysis of hydrogen peroxide. Materials Science and Engineering C, 2017, 75, 1480-1488.	7.3	22
10	Electron-Transfer Studies in a Lyotropic Columnar Hexagonal Liquid Crystalline Medium. Langmuir, 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. Journal of Photochemistry and Photobiology B: Biology, 2016, 155, 7-12.	3.8	19
12	Co/Coâ€N@Nanoporous Carbon Derived from ZIFâ€67: A Highly Sensitive and Selective Electrochemical Dopamine Sensor. Electroanalysis, 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. ACS Applied Nano Materials, 2021, 4, 5047-5057.	5.0	12
14	Copper-silver bimetallic nanoelectrocatalyst on pencil graphite substrate for highly selective amperometric dopamine sensor. Chemical Physics Letters, 2020, 740, 137086.	2.6	10
15	Dual performing copper–platinum core–shell nanozyme for environmental electrochemistry–electrocatalytic oxidation and electroanalysis of ammonia. Environmental Science: Nano, 2021, 8, 3603-3612.	4.3	8
16	Templated bimetallic copper-silver nanostructures on pencil graphite for amperometric detection of nitrate for aquatic monitoring. Journal of Electroanalytical Chemistry, 2020, 856, 113660.	3.8	7
17	Copper-Palladium Core-Shell Bifunctional Nanoelectrocatalyst for Ethanol Oxidation and Hydrogen Evolution Reactions. Journal of the Electrochemical Society, 2022, 169, 056501.	2.9	2