

Saraswathi Ramiah

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/173550/publications.pdf>

Version: 2024-02-01

16
papers

642
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1173
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyaniline-carbon nanotube composites. Pure and Applied Chemistry, 2008, 80, 2377-2395.	1.9	127
2	CO ₂ gas sensing properties of DC reactive magnetron sputtered ZnO thin film. Ceramics International, 2014, 40, 13115-13122.	4.8	92
3	Direct electrochemistry of cytochrome c immobilized on a graphene oxide-carbon nanotube composite for picomolar detection of hydrogen peroxide. RSC Advances, 2014, 4, 28229-28237.	3.6	68
4	An electrochemical synthesis strategy for composite based ZnO microspheres-Au nanoparticles on reduced graphene oxide for the sensitive detection of hydrazine in water samples. RSC Advances, 2015, 5, 54379-54386.	3.6	65
5	Electrochemical synthesis of Au-MnO ₂ on electrophoretically prepared graphene nanocomposite for high performance supercapacitor and biosensor applications. Journal of Materials Chemistry A, 2016, 4, 3304-3315.	10.3	54
6	Preparation of cellulose/copper nanoparticles bionanocomposite films using a biofloculant polymer as reducing agent for antibacterial and anticorrosion applications. Composites Part B: Engineering, 2019, 175, 107177.	12.0	47
7	In situ electrochemical synthesis of reduced graphene oxide-cobalt oxide nanocomposite modified electrode for selective sensing of depression biomarker in the presence of ascorbic acid and dopamine. Journal of Electroanalytical Chemistry, 2017, 786, 169-176.	3.8	41
8	An impedimetric ammonia sensor based on nanostructured Fe ₂ O ₃ . Journal of Materials Chemistry A, 2014, 2, 394-401.	10.3	34
9	An impedance sensor for the detection of formaldehyde vapor using ZnO nanoparticles. Journal of Materials Research, 2017, 32, 2800-2809.	2.6	21
10	Influence of Poly(N-vinylcarbazole) as a Photoanode Component in Enhancing the Performance of a Dye-Sensitized Solar Cell. Journal of Physical Chemistry C, 2015, 119, 23830-23838.	3.1	20
11	Electrocatalytic performance of poly(o-phenylenediamine)-Pt-Ru nanocomposite for methanol oxidation. Journal of Solid State Electrochemistry, 2013, 17, 2741-2747.	2.5	15
12	Impedimetric detection of alcohol vapours using nanostructured zinc ferrite. Talanta, 2014, 129, 545-551.	5.5	15
13	The facile and simple synthesis of poly(3,4-ethylenedioxythiophene) anchored reduced graphene oxide nanocomposite for biochemical analysis. Analytica Chimica Acta, 2019, 1077, 150-159.	5.4	15
14	Synthesis and characterization of a charm-bracelet-type poly(N-vinylcarbazole)-C ₆₀ double-cable polymer. Journal of Materials Science, 2015, 50, 3740-3749.	3.7	12
15	A Facile One-Step Electrophoretic Deposition of Co-Ni-Layered Double Hydroxide Nanosheets for a High Performance Supercapacitor. ChemistrySelect, 2017, 2, 8799-8806.	1.5	12
16	Synthesis and characterization of a novel poly(isothianaphthene)-C ₆₀ double-cable polymer. Journal of Materials Science: Materials in Electronics, 2016, 27, 852-861.	2.2	4