

# Saraswathi Ramiah

## List of Publications by Year in descending order

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