Ramaswamy Krishnaraj

List of Publications by Year
in descending order

21	212	1307594 7	1058476 14
papers	citations	h-index	g-index

21	21	21	106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Green Synthesis, Characterization of Zinc Oxide Nanoparticles, and Examination of Properties for Dye-Sensitive Solar Cells Using Various Vegetable Extracts. Journal of Nanomaterials, 2021, 2021, 1-9.	2.7	40
2	Experimental investigation on the impacts of annealing temperatures on titanium dioxide nanoparticles structure, size and optical properties synthesized through sol-gel methods. Materials Today: Proceedings, 2021, 45, 5752-5758.	1.8	29
3	Green Synthesis and Characterizations of Zinc Oxide (ZnO) Nanoparticles Using Aqueous Leaf Extracts of Coffee (Coffea arabica) and Its Application in Environmental Toxicity Reduction. Journal of Nanomaterials, 2021, 2021, 1-6.	2.7	28
4	Application of Titanium Dioxide Nanoparticles Synthesized by Sol-Gel Methods in Wastewater Treatment. Journal of Nanomaterials, 2021, 2021, 1-6.	2.7	20
5	Control of pollution emitted by foundries. Environmental Chemistry Letters, 2015, 13, 149-156.	16.2	19
6	Design and analysis of serial drilled hole in composite material. Materials Today: Proceedings, 2021, 45, 5759-5763.	1.8	17
7	Synthesis and Characterization of Zinc Oxide Nanoparticles Using Moringa Leaf Extract. Journal of Nanomaterials, 2021, 2021, 1-6.	2.7	14
8	Contemporary and futuristic views of pollution control devices in foundries. Ecotoxicology and Environmental Safety, 2015, 120, 130-135.	6.0	9
9	Anticancer, Enhanced Antibacterial, and Free Radical Scavenging Potential of Fucoidan- (Fucus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2021, 1-11.	4.0	8
10	Investigation of TiO2 Nanoparticles Using Leaf Extracts of Lippia adoensis (Kusaayee) for Antibacterial Activity. Journal of Nanomaterials, 2022, 2022, 1-8.	2.7	6
11	Investigating the Influence of Bath Temperature on the Chemical Bath Deposition of Nanosynthesized Lead Selenide Thin Films for Photovoltaic Application. Journal of Nanomaterials, 2022, 2022, 1-6.	2.7	5
12	Reduction of environmental chemicals, toxicity and particulate matter in wet scrubber device to achieve zero emissions. Scientific Reports, 2022, 12, .	3.3	5
13	Synthesis of Plant-Derived Khat Waste for Environmental Application. Journal of Nanomaterials, 2022, 2022, 1-9.	2.7	3
14	Exergy Performance Investigation of Eco-Friendly Refrigerant Mixtures as an Alternative to R134a in a Domestic Refrigerator. International Journal of Photoenergy, 2022, 2022, 1-9.	2.5	2
15	Improved Chicken Reproduction and Yield of Improved Poultry from Titanium Dioxide (TiO2) Nanoparticles Coated in Jimma Horro Area of Kellem Wollega Zone, Ethiopia. Advances in Materials Science and Engineering, 2022, 2022, 1-7.	1.8	2
16	Factors Associated with the Prevalence of Hepatitis B among Volunteer Blood Donors at Jimma Blood Bank, South Ethiopia. Canadian Journal of Gastroenterology and Hepatology, 2022, 2022, 1-5.	1.9	2
17	Synthesis and Characterization of Iron Doped Titanium Dioxide (Fe:â€‰TiO2) Nanoprecipitate at Different pH Values for Applications of Self-Cleaning Materials. Advances in Materials Science and Engineering, 2022, 2022, 1-9.	1.8	2
18	Investigation on the effect of process parameters on mechanical and microstructural properties of AA8011 similar FSW weld joints. Advances in Mechanical Engineering, 2022, 14, 168781322211121.	1.6	1

#	Article	IF	Citations
19	Investigation of Light Parameters on Image Quality and Optical Coherence Tomography. International Journal of Optics, 2021, 2021, 1-6.	1.4	0
20	Investigations of Optical Coulomb Blockade Oscillations in Plasmonic Nanoparticle Dimers. International Journal of Photoenergy, 2022, 2022, 1-6.	2.5	0
21	Effect of Sodium Selenosulfate Concentration on Microstructural, Morphological, and Luminescence Characteristics of Cadmium Selenide Nanoparticles. Journal of Nanomaterials, 2022, 2022, 1-5.	2.7	0