

# Ramaswamy Krishnaraj

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9244213/publications.pdf>

Version: 2024-02-01

21  
papers

212  
citations

1307594

7  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations of Optical Coulomb Blockade Oscillations in Plasmonic Nanoparticle Dimers. International Journal of Photoenergy, 2022, 2022, 1-6.	2.5	0
2	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
3	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
4	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
5	Improved Chicken Reproduction and Yield of Improved Poultry from Titanium Dioxide (TiO <sub>2</sub> ) Nanoparticles Coated in Jimma Horro Area of Kellem Wollega Zone, Ethiopia. Advances in Materials Science and Engineering, 2022, 2022, 1-7.	1.8	2
6	Investigation of TiO <sub>2</sub> Nanoparticles Using Leaf Extracts of Lippia adoensis (Kusaayee) for Antibacterial Activity. Journal of Nanomaterials, 2022, 2022, 1-8.	2.7	6
7	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
8	Reduction of environmental chemicals, toxicity and particulate matter in wet scrubber device to achieve zero emissions. Scientific Reports, 2022, 12, .	3.3	5
9	Synthesis and Characterization of Iron Doped Titanium Dioxide (Fe:TiO <sub>2</sub> ) Nanoprecipitate at Different pH Values for Applications of Self-Cleaning Materials. Advances in Materials Science and Engineering, 2022, 2022, 1-9.	1.8	2
10	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
11	Synthesis of Plant-Derived Khat Waste for Environmental Application. Journal of Nanomaterials, 2022, 2022, 1-9.	2.7	3
12	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
13	Design and analysis of serial drilled hole in composite material. Materials Today: Proceedings, 2021, 45, 5759-5763.	1.8	17
14	Application of Titanium Dioxide Nanoparticles Synthesized by Sol-Gel Methods in Wastewater Treatment. Journal of Nanomaterials, 2021, 2021, 1-6.	2.7	20
15	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
16	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
17	Synthesis and Characterization of Zinc Oxide Nanoparticles Using Moringa Leaf Extract. Journal of Nanomaterials, 2021, 2021, 1-6.	2.7	14
18	Anticancer, Enhanced Antibacterial, and Free Radical Scavenging Potential of Fucoïdan- (Fucus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 2021, 1-11.	4.0	8

#	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	Contemporary and futuristic views of pollution control devices in foundries. Ecotoxicology and Environmental Safety, 2015, 120, 130-135.	6.0	9
21	Control of pollution emitted by foundries. Environmental Chemistry Letters, 2015, 13, 149-156.	16.2	19