

Girija Easwaradas

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

900
citations

516710

16
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1088
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and in vitro studies of zinc and carbonate co-substituted nano-hydroxyapatite for biomedical applications. <i>Materials Chemistry and Physics</i> , 2012, 134, 1127-1135.	4.0	115
2	Microwave conversion of eggshells into flower-like hydroxyapatite nanostructure for biomedical applications. <i>Materials Letters</i> , 2012, 76, 198-200.	2.6	109
3	Flower-like hydroxyapatite nanostructure obtained from eggshell: A candidate for biomedical applications. <i>Ceramics International</i> , 2013, 39, 8293-8299.	4.8	68
4	In situ synthesis, characterization and in vitro studies of ciprofloxacin loaded hydroxyapatite nanoparticles for the treatment of osteomyelitis. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5052-5060.	5.8	62
5	One step method to synthesize flower-like hydroxyapatite architecture using mussel shell bio-waste as a calcium source. <i>Ceramics International</i> , 2017, 43, 3457-3461.	4.8	60
6	Green synthesis and antibacterial activity of hydroxyapatite nanorods for orthopedic applications. <i>MRS Communications</i> , 2017, 7, 183-188.	1.8	55
7	Fabrication of core-shell CoFe ₂ O ₄ @HAp nanoparticles: a novel magnetic platform for biomedical applications. <i>New Journal of Chemistry</i> , 2019, 43, 13584-13593.	2.8	50
8	Utilization of snail shells to synthesise hydroxyapatite nanorods for orthopedic applications. <i>RSC Advances</i> , 2015, 5, 39544-39548.	3.6	40
9	Sertraline as a promising antifungal agent: inhibition of growth and biofilm of <i>Candida auris</i> with special focus on the mechanism of action in vitro. <i>Journal of Applied Microbiology</i> , 2020, 128, 426-437.	3.1	38
10	Investigations on nickel ferrite embedded calcium phosphate nanoparticles for biomedical applications. <i>Journal of Alloys and Compounds</i> , 2017, 695, 3211-3219.	5.5	35
11	Drug loaded phosphate glass/hydroxyapatite nanocomposite for orthopedic applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5468-5477.	5.8	31
12	Fabrication of a Novel Biocompatible Magnetic Biomaterial with Hyperthermia Potential. <i>Journal of the American Ceramic Society</i> , 2014, 97, 1115-1122.	3.8	28
13	Development of multifunctional cobalt ferrite/hydroxyapatite nanocomposites by microwave assisted wet precipitation method: A promising platform for synergistic chemo-hyperthermia therapy. <i>Ceramics International</i> , 2019, 45, 12860-12869.	4.8	28
14	Fluorapatite coated iron oxide nanostructure for biomedical applications. <i>Materials Chemistry and Physics</i> , 2017, 193, 356-363.	4.0	21
15	Role of material processing on the thermal stability and sinterability of nanocrystalline hydroxyapatite. <i>Powder Technology</i> , 2012, 225, 190-195.	4.2	20
16	Preparation of thermally stable nanocrystalline hydroxyapatite by hydrothermal method. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 77-83.	3.6	19
17	Tailor made alginate hydrogel for local infection prophylaxis in orthopedic applications. <i>Materials Science and Engineering C</i> , 2017, 78, 1046-1053.	7.3	17
18	Repurposing of antidepressant drug sertraline for antimicrobial activity against <i>Staphylococcus aureus</i> : a potential approach for the treatment of osteomyelitis. <i>New Journal of Chemistry</i> , 2019, 43, 5315-5324.	2.8	17

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19	Synthesis and characterization of Nd ³⁺ : Yb ³⁺ co-doped near infrared sensitive fluorapatite nanoparticles as a bioimaging probe. <i>Optical Materials</i> , 2018, 77, 39-47.	3.6	15
20	Optimization of a lab scale and pilot scale conversion of eggshell biowaste into hydroxyapatite using microwave reactor. <i>Ceramics International</i> , 2020, 46, 25024-25034.	4.8	14
21	Fabrication of Nd ³⁺ and Yb ³⁺ doped NIR emitting nano fluorescent probe: A candidate for bioimaging applications. <i>Materials Science and Engineering C</i> , 2021, 125, 112095.	7.3	12
22	Eggshell derived mesoporous biphasic calcium phosphate for biomedical applications using rapid thermal processing. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 1932-1943.	2.1	9
23	Development of Fe ₃ O ₄ integrated polymer/phosphate glass composite scaffolds for bone tissue engineering. <i>Materials Advances</i> , 2020, 1, 3466-3475.	5.4	8
24	Synthesis of NIR Emitting Rare Earth Doped Fluorapatite Nanoparticles for Bioimaging Applications. <i>Current Physical Chemistry</i> , 2019, 9, 80-93.	0.2	6
25	Luminomagnetic Nd ³⁺ doped fluorapatite coated Fe ₃ O ₄ nanostructures for biomedical applications. <i>Journal of the American Ceramic Society</i> , 2019, 102, 2558-2568.	3.8	5
26	Synthesis of Superparamagnetic Zinc Ferrite Encased Fluorapatite Nanoparticles and Its Cytotoxicity Effects on MG-63 Cells. <i>Journal of Cluster Science</i> , 2022, 33, 261-267.	3.3	5
27	Fish Scale Derived Nanocrystalline Hydroxyapatite: A Potential Candidate for Orthopedic Applications. <i>Journal of Bionanoscience</i> , 2016, 10, 140-144.	0.4	4
28	Repurposing the Antibacterial Activity of Etoposide as a Chemotherapeutic Drug in Combination with Eggshell-Derived Hydroxyapatite. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 682-693.	5.2	4
29	Evaluation of the Antioxidant, Antimicrobial, Haemolytic and Cytotoxic Effect of Eggshell Based Hydroxyapatite. <i>Journal of Cluster Science</i> , 2022, 33, 825-834.	3.3	3
30	Fabrication and characterization of superparamagnetic nickel ferrite ferrofluid. <i>Materials Today: Proceedings</i> , 2022, 58, 947-952.	1.8	1