

Raji Govindan

List of Publications by Year in descending order

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15
papers

311
citations

1040056

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16
docs citations

16
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ synthesis, characterization and in vitro studies of ciprofloxacin loaded hydroxyapatite nanoparticles for the treatment of osteomyelitis. Journal of Materials Chemistry B, 2014, 2, 5052-5060.	5.8	62
2	Green synthesis and antibacterial activity of hydroxyapatite nanorods for orthopedic applications. MRS Communications, 2017, 7, 183-188.	1.8	55
3	Utilization of snail shells to synthesise hydroxyapatite nanorods for orthopedic applications. RSC Advances, 2015, 5, 39544-39548.	3.6	40
4	Drug loaded phosphate glass/hydroxyapatite nanocomposite for orthopedic applications. Journal of Materials Chemistry B, 2014, 2, 5468-5477.	5.8	31
5	<i>Lantana camara</i> Linn root extract-mediated gold nanoparticles and their <i>in vitro</i> antioxidant and cytotoxic potentials. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 748-757.	2.8	27
6	Polymer coated phosphate glass/hydroxyapatite composite scaffolds for bone tissue engineering applications. RSC Advances, 2015, 5, 60188-60198.	3.6	20
7	Structural, morphological and luminescence studies on pristine and La doped zinc oxide (ZnO) nanoparticles. Optik, 2015, 126, 1555-1558.	2.9	19
8	Effect of phosphate glass reinforcement on the mechanical and biological properties of freeze-dried gelatin composite scaffolds for bone tissue engineering applications. Materials Today Communications, 2020, 22, 100765.	1.9	17
9	Geometries, electronic structures and vibrational spectral studies of 4-aminophthalonitrile using quantum chemical calculations for dye sensitized solar cells. Indian Journal of Physics, 2011, 85, 1477-1494.	1.8	11
10	A novel rhombohedron-like nickel ferrite nanostructure: Microwave combustion synthesis, structural characterization and magnetic properties. Journal of Science: Advanced Materials and Devices, 2016, 1, 282-285.	3.1	8
11	Development of Fe ₃ O ₄ integrated polymer/phosphate glass composite scaffolds for bone tissue engineering. Materials Advances, 2020, 1, 3466-3475.	5.4	8
12	Luminomagnetic Nd ³⁺ doped fluorapatite coated Fe ₃ O ₄ nanostructures for biomedical applications. Journal of the American Ceramic Society, 2019, 102, 2558-2568.	3.8	5
13	Fish Scale Derived Nanocrystalline Hydroxyapatite: A Potential Candidate for Orthopedic Applications. Journal of Bionanoscience, 2016, 10, 140-144.	0.4	4
14	Fabrication of highly efficient g-C ₃ N ₄ /ZnO/Fe ₂ O ₃ ternary composite with enhanced photocatalytic activity under visible light irradiation. Journal of Materials Science: Materials in Electronics, 2022, 33, 15393-15407.	2.2	4
15	Parameters optimization for the fabrication of phosphate glass/hydroxyapatite nanocomposite scaffold. AIP Conference Proceedings, 2015, , .	0.4	0