

# E K Girija

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12140685/publications.pdf>

Version: 2024-02-01

15  
papers

487  
citations

759233

12  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

678  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of bioactive hydroxyapatite/calcite nanocomposite for biomedical applications. Journal of Colloid and Interface Science, 2010, 349, 56-62.	9.4	87
2	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
3	Fabrication of core-shell CoFe <sub>2</sub> O <sub>4</sub> @HAp nanoparticles: a novel magnetic platform for biomedical applications. New Journal of Chemistry, 2019, 43, 13584-13593.	2.8	50
4	Apatite formation on collagen fibrils in the presence of polyacrylic acid. Journal of Materials Science: Materials in Medicine, 2004, 15, 593-599.	3.6	47
5	Surfactant free rapid synthesis of hydroxyapatite nanorods by a microwave irradiation method for the treatment of bone infection. Nanotechnology, 2011, 22, 285701.	2.6	44
6	Utilization of snail shells to synthesise hydroxyapatite nanorods for orthopedic applications. RSC Advances, 2015, 5, 39544-39548.	3.6	40
7	High energy irradiation—a tool for enhancing the bioactivity of Hydroxyapatite. Journal of the Ceramic Society of Japan, 2008, 116, 320-324.	1.1	36
8	Drug loaded phosphate glass/hydroxyapatite nanocomposite for orthopedic applications. Journal of Materials Chemistry B, 2014, 2, 5468-5477.	5.8	31
9	Polymer coated phosphate glass/hydroxyapatite composite scaffolds for bone tissue engineering applications. RSC Advances, 2015, 5, 60188-60198.	3.6	20
10	Preparation of thermally stable nanocrystalline hydroxyapatite by hydrothermal method. Journal of Materials Science: Materials in Medicine, 2009, 20, 77-83.	3.6	19
11	Tailor made alginate hydrogel for local infection prophylaxis in orthopedic applications. Materials Science and Engineering C, 2017, 78, 1046-1053.	7.3	17
12	Repurposing of antidepressant drug sertraline for antimicrobial activity against <i>Staphylococcus aureus</i> : a potential approach for the treatment of osteomyelitis. New Journal of Chemistry, 2019, 43, 5315-5324.	2.8	17
13	Fabrication of Nd <sup>3+</sup> and Yb <sup>3+</sup> doped NIR emitting nano fluorescent probe: A candidate for bioimaging applications. Materials Science and Engineering C, 2021, 125, 112095.	7.3	12
14	Synthesis of Superparamagnetic Zinc Ferrite Encased Fluorapatite Nanoparticles and Its Cytotoxicity Effects on MG-63 Cells. Journal of Cluster Science, 2022, 33, 261-267.	3.3	5
15	Novel Porogen Free Porous Hydroxyapatite/Gelatin Nanocomposite: Synthesis and Characterization. Springer Proceedings in Physics, 2013, , 399-407.	0.2	0