

Renu Geetha Bai

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

695
citations

10
h-index

24
g-index

24
ext. papers

805
ext. citations

6.9
avg, IF

4.47
L-index

#	Paper	IF	Citations
21	Biosustainable production of nanoparticles via mycogenesis for biotechnological applications: A critical review. <i>Environmental Research</i> , 2022 , 204, 111963	7.9	3
20	Highly Sensitive Electrochemical Biosensor Using Folic Acid-Modified Reduced Graphene Oxide for the Detection of Cancer Biomarker. <i>Nanomaterials</i> , 2021 , 11,	5.4	6
19	Potential Antiviral Properties of Industrially Important Marine Algal Polysaccharides and Their Significance in Fighting a Future Viral Pandemic. <i>Viruses</i> , 2021 , 13,	6.2	10
18	Biomedical applications of graphene 2021 , 551-571		
17	Facile Ultrasound-Triggered Release of Calcein and Doxorubicin from Iron-Based Metal-Organic Frameworks. <i>Journal of Biomedical Nanotechnology</i> , 2020 , 16, 1359-1369	4	8
16	Insights on Engineered Microbes in Sustainable Agriculture: Biotechnological Developments and Future Prospects. <i>Current Genomics</i> , 2020 , 21, 321-333	2.6	7
15	Polymeric Surface Modification of Graphene 2019 , 305-320		
14	Graphene-based 3D scaffolds in tissue engineering: fabrication, applications, and future scope in liver tissue engineering. <i>International Journal of Nanomedicine</i> , 2019 , 14, 5753-5783	7.3	71
13	Graphene-based drug delivery systems 2019 , 149-168		6
12	Graphene: A versatile platform for nanotheranostics and tissue engineering. <i>Progress in Materials Science</i> , 2018 , 91, 24-69	42.2	98
11	Green Nanotechnology A Road Map to Safer Nanomaterials 2018 , 133-159		10
10	Graphene Metal Nanoclusters in Cutting-Edge Theranostics Nanomedicine Applications. <i>Advanced Structured Materials</i> , 2017 , 429-477	0.6	
9	Acoustic cavitation induced generation of stabilizer-free, extremely stable reduced graphene oxide nanodispersion for efficient delivery of paclitaxel in cancer cells. <i>Ultrasonics Sonochemistry</i> , 2017 , 36, 129-138	8.9	39
8	Sonochemical and sustainable synthesis of graphene-gold (G-Au) nanocomposites for enzymeless and selective electrochemical detection of nitric oxide. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 622-629	11.8	75
7	Exceedingly Higher co-loading of Curcumin and Paclitaxel onto Polymer-functionalized Reduced Graphene Oxide for Highly Potent Synergistic Anticancer Treatment. <i>Scientific Reports</i> , 2016 , 6, 32808	4.9	67
6	The biogenic synthesis of a reduced graphene oxide/silver (RGO/Ag) nanocomposite and its dual applications as an antibacterial agent and cancer biomarker sensor. <i>RSC Advances</i> , 2016 , 6, 36576-36587	3.7	85
5	Nanomedicine in Theranostics 2015 , 195-213		3

4	Exceedingly biocompatible and thin-layered reduced graphene oxide nanosheets using an eco-friendly mushroom extract strategy. <i>International Journal of Nanomedicine</i> , 2015 , 10, 1505-19	7.3	99
3	Graphene and graphene oxide as a docking station for modern drug delivery system. <i>Current Drug Delivery</i> , 2014 , 11, 701-18	3.2	57
2	Development of Activated Carbon-Ceria Nanocomposite Materials for Prostate Cancer Therapy. <i>Advanced Science, Engineering and Medicine</i> , 2013 , 5, 1132-1136	0.6	3
1	Development of Cerium Oxide Nanoparticles and Its Cytotoxicity in Prostate Cancer Cells. <i>Advanced Science Letters</i> , 2012 , 6, 17-25	0.1	48