Renu Geetha Bai

List of Publications by Citations

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	Exceedingly biocompatible and thin-layered reduced graphene oxide nanosheets using an eco-friendly mushroom extract strategy. *International Journal of Nanomedicine*, **2015**, 10, 1505-19	7.3	99
20	Graphene: A versatile platform for nanotheranostics and tissue engineering. *Progress in Materials Science*, **2018**, 91, 24-69	42.2	98
19	The biogenic synthesis of a reduced graphene oxide–silver (RGO–Ag) nanocomposite and its dual applications as an antibacterial agent and cancer biomarker sensor. *RSC Advances*, **2016**, 6, 36576-36587	3.7	85
18	Sonochemical and sustainable synthesis of graphene-gold (G-Au) nanocomposites for enzymeless and selective electrochemical detection of nitric oxide. *Biosensors and Bioelectronics*, **2017**, 87, 622-629	11.8	75
17	Graphene-based 3D scaffolds in tissue engineering: fabrication, applications, and future scope in liver tissue engineering. *International Journal of Nanomedicine*, **2019**, 14, 5753-5783	7.3	71
16	Exceedingly Higher co-loading of Curcumin and Paclitaxel onto Polymer-functionalized Reduced Graphene Oxide for Highly Potent Synergistic Anticancer Treatment. *Scientific Reports*, **2016**, 6, 32808	4.9	67
15	Graphene and graphene oxide as a docking station for modern drug delivery system. *Current Drug Delivery*, **2014**, 11, 701-18	3.2	57
14	Development of Cerium Oxide Nanoparticles and Its Cytotoxicity in Prostate Cancer Cells. *Advanced Science Letters*, **2012**, 6, 17-25	0.1	48
13	Acoustic cavitation induced generation of stabilizer-free, extremely stable reduced graphene oxide nanodispersion for efficient delivery of paclitaxel in cancer cells. *Ultrasonics Sonochemistry*, **2017**, 36, 129-138	8.9	39
12	Green Nanotechnology: A Road Map to Safer Nanomaterials **2018**, 133-159		10
11	Potential Antiviral Properties of Industrially Important Marine Algal Polysaccharides and Their Significance in Fighting a Future Viral Pandemic. *Viruses*, **2021**, 13,	6.2	10
10	Facile Ultrasound-Triggered Release of Calcein and Doxorubicin from Iron-Based Metal-Organic Frameworks. *Journal of Biomedical Nanotechnology*, **2020**, 16, 1359-1369	4	8
9	Insights on Engineered Microbes in Sustainable Agriculture: Biotechnological Developments and Future Prospects. *Current Genomics*, **2020**, 21, 321-333	2.6	7
8	Graphene-based drug delivery systems **2019**, 149-168		6
7	Highly Sensitive Electrochemical Biosensor Using Folic Acid-Modified Reduced Graphene Oxide for the Detection of Cancer Biomarker. *Nanomaterials*, **2021**, 11,	5.4	6
6	Nanomedicine in Theranostics **2015**, 195-213		3
5	Development of Activated Carbon-Ceria Nanocomposite Materials for Prostate Cancer Therapy. *Advanced Science, Engineering and Medicine*, **2013**, 5, 1132-1136	0.6	3

List of Publications

4	Biosustainable production of nanoparticles via mycogenesis for biotechnological applications: A critical review. *Environmental Research*, **2022**, 204, 111963	7.9	3
3	Graphene Metal Nanoclusters in Cutting-Edge Theranostics Nanomedicine Applications. *Advanced Structured Materials*, **2017**, 429-477	0.6	
2	Polymeric Surface Modification of Graphene **2019**, 305-320		
1	Biomedical applications of graphene **2021**, 551-571		