Shilpee Jain

List of Publications by Year
in descending order

16 papers	388 citations	840585 11 h-index	940416 16 g-index
16 all docs	16 docs citations	16 times ranked	679 citing authors

#	Article	IF	Citations
1	A Composite of Hyaluronic Acid-Modified Graphene Oxide and Iron Oxide Nanoparticles for Targeted Drug Delivery and Magnetothermal Therapy. ACS Omega, 2019, 4, 9284-9293.	1.6	57
2	Vertical electric field stimulated neural cell functionality on porous amorphous carbon electrodes. Biomaterials, 2013, 34, 9252-9263.	5.7	46
3	Patterned growth and differentiation of neural cells on polymer derived carbon substrates with micro/nano structures in vitro. Carbon, 2013, 65, 140-155.	5.4	40
4	Synthesis of Graphene Oxide-Fe3O4 Based Nanocomposites Using the Mechanochemical Method and in Vitro Magnetic Hyperthermia. International Journal of Molecular Sciences, 2019, 20, 3368.	1.8	40
5	Single coating of zinc ferrite renders magnetic nanomotors therapeutic and stable against agglomeration. Nanoscale, 2018, 10, 2327-2332.	2.8	39
6	Intracellular reactive oxidative stress, cell proliferation and apoptosis of Schwann cells on carbon nanofibrous substrates. Biomaterials, 2013, 34, 4891-4901.	5.7	37
7	In vitro cytocompatibility assessment of amorphous carbon structures using neuroblastoma and Schwann cells. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101B, 520-531.	1.6	32
8	Remarkably selective biocompatible turn-on fluorescent probe for detection of Fe³⁺ in human blood samples and cells. RSC Advances, 2019, 9, 27439-27448.	1.7	24
9	Vertical electric field induced bacterial growth inactivation on amorphous carbon electrodes. Carbon, 2015, 81, 193-202.	5.4	17
10	Magnetic nanofibers based bandage for skin cancer treatment: a nonâ€invasive hyperthermia therapy. Cancer Reports, 2020, 3, e1281.	0.6	15
11	The combined effect of thermal and chemotherapy on HeLa cells using magnetically actuated smart textured fibrous system. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 40-51.	1.6	12
12	Study of smart antibacterial PCLâ€xFe₃O₄ thin films using mouse NIHâ€3T3 fibroblast cells in vitro. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 795-804.	1.6	8
13	Role of interface quality in iron oxide core/shell nanoparticles on heating efficiency and transverse relaxivity. Materials Express, 2019, 9, 328-336.	0.2	8
14	Chitosanâ€“Glycerol Gel as Barrier Formulation for Metal Allergy. ACS Omega, 2019, 4, 5900-5903.	1.6	6
15	Magnetic hyperthermia adjunctive therapy for fungi: in vitro studies against Candida albicans. International Journal of Hyperthermia, 2019, 36, 544-552.	1.1	5
16	Magnetoâ€conducting multifunctional Janus microbots for intracellular delivery of biomolecules. Journal of Tissue Engineering and Regenerative Medicine, 2021, 15, 625-633.	1.3	2