

# Shilpee Jain

## List of Publications by Year in descending order

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16  
papers

388  
citations

840776

11  
h-index

940533

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16  
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16  
docs citations

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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. <i>ACS Omega</i> , 2019, 4, 9284-9293.	3.5	57
2	Vertical electric field stimulated neural cell functionality on porous amorphous carbon electrodes. <i>Biomaterials</i> , 2013, 34, 9252-9263.	11.4	46
3	Patterned growth and differentiation of neural cells on polymer derived carbon substrates with micro/nano structures in vitro. <i>Carbon</i> , 2013, 65, 140-155.	10.3	40
4	Synthesis of Graphene Oxide-Fe <sub>3</sub> O <sub>4</sub> Based Nanocomposites Using the Mechanochemical Method and in Vitro Magnetic Hyperthermia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3368.	4.1	40
5	Single coating of zinc ferrite renders magnetic nanomotors therapeutic and stable against agglomeration. <i>Nanoscale</i> , 2018, 10, 2327-2332.	5.6	39
6	Intracellular reactive oxidative stress, cell proliferation and apoptosis of Schwann cells on carbon nanofibrous substrates. <i>Biomaterials</i> , 2013, 34, 4891-4901.	11.4	37
7	<i>In vitro</i> cytocompatibility assessment of amorphous carbon structures using neuroblastoma and Schwann cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101B, 520-531.	3.4	32
8	Remarkably selective biocompatible turn-on fluorescent probe for detection of Fe <sup>3+</sup> in human blood samples and cells. <i>RSC Advances</i> , 2019, 9, 27439-27448.	3.6	24
9	Vertical electric field induced bacterial growth inactivation on amorphous carbon electrodes. <i>Carbon</i> , 2015, 81, 193-202.	10.3	17
10	Magnetic nanofibers based bandage for skin cancer treatment: a non-invasive hyperthermia therapy. <i>Cancer Reports</i> , 2020, 3, e1281.	1.4	15
11	The combined effect of thermal and chemotherapy on HeLa cells using magnetically actuated smart textured fibrous system. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 40-51.	3.4	12
12	Study of smart antibacterial PCL-Fe <sub>3</sub> O <sub>4</sub> thin films using mouse NIH-3T3 fibroblast cells <i>in vitro</i> . <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 795-804.	3.4	8
13	Role of interface quality in iron oxide core/shell nanoparticles on heating efficiency and transverse relaxivity. <i>Materials Express</i> , 2019, 9, 328-336.	0.5	8
14	Chitosan-Glycerol Gel as Barrier Formulation for Metal Allergy. <i>ACS Omega</i> , 2019, 4, 5900-5903.	3.5	6
15	Magnetic hyperthermia adjunctive therapy for fungi: <i>in vitro</i> studies against <i>Candida albicans</i> . <i>International Journal of Hyperthermia</i> , 2019, 36, 544-552.	2.5	5
16	Magneto-conducting multifunctional Janus microbots for intracellular delivery of biomolecules. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 625-633.	2.7	2