

Deepti Rana

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

612
citations

949033

11
h-index

843174

20
g-index

26
all docs

26
docs citations

26
times ranked

1138
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporally controlled, aptamers-mediated growth factor release locally manipulates microvasculature formation within engineered tissues. <i>Bioactive Materials</i> , 2022, 12, 71-84.	8.6	9
2	Designing vascular supportive albumen-rich composite bioink for organ 3D printing. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 104, 103642.	1.5	39
3	Impact of Induced Pluripotent Stem Cells in Bone Repair and Regeneration. <i>Current Osteoporosis Reports</i> , 2019, 17, 226-234.	1.5	34
4	Development of decellularized scaffolds for stem cell-driven tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 942-965.	1.3	179
5	Covalently immobilized VEGF-mimicking peptide with gelatin methacrylate enhances microvascularization of endothelial cells. <i>Acta Biomaterialia</i> , 2017, 51, 330-340.	4.1	49
6	Enhanced proliferation of human bone marrow derived mesenchymal stem cells on tough hydrogel substrates. <i>Materials Science and Engineering C</i> , 2017, 76, 1057-1065.	3.8	9
7	Design and fabrication of auxetic PCL nanofiber membranes for biomedical applications. <i>Materials Science and Engineering C</i> , 2017, 81, 334-340.	3.8	64
8	Surface Functionalization of Biomaterials. , 2017, , 331-343.		6
9	Impact of Nanotechnology on 3D Bioprinting. <i>Journal of Bionanoscience</i> , 2017, 11, 1-6.	0.4	10
10	Bone Mineral-Like Nanoscale Amorphous Calcium Phosphate Derived from Egg Shells. <i>Journal of Bionanoscience</i> , 2017, 11, 297-300.	0.4	4
11	PFS-Functionalized Self-Assembling Peptide Hydrogel for the Maintenance of Human Adipose Stem Cell In Vitro. <i>Journal of Biomaterials and Tissue Engineering</i> , 2017, 7, 943-951.	0.0	2
12	Surface functionalization of nanobiomaterials for application in stem cell culture, tissue engineering, and regenerative medicine. <i>Biotechnology Progress</i> , 2016, 32, 554-567.	1.3	40
13	A Comparative Study of the Antibacterial Activity of Rosemary Extract Blended with Polymeric Biomaterials. <i>Journal of Bionanoscience</i> , 2016, 10, 326-330.	0.4	2
14	Control of Stem Cell Fate and Function by Polymer Nanofibers. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 9015-9021.	0.9	4
15	Accelerated synthesis of biomimetic nano hydroxyapatite using simulated body fluid. <i>Materials Chemistry and Physics</i> , 2016, 180, 166-172.	2.0	42
16	Cell-laden alginate/polyacrylamide beads as carriers for stem cell delivery: preparation and characterization. <i>RSC Advances</i> , 2016, 6, 20475-20484.	1.7	13
17	Decellularized Amniotic Membrane Scaffold Compared to Synthetic PLGA and Hybrid Scaffolds Exhibit Superlative Biomechanical Properties for Tissue Engineering Applications. <i>Journal of Biomaterials and Tissue Engineering</i> , 2016, 6, 549-562.	0.0	8
18	Impact of Nanotechnology in Induced Pluripotent Stem Cells-driven Tissue Engineering and Regenerative Medicine. <i>Journal of Bionanoscience</i> , 2015, 9, 13-21.	0.4	14

#	ARTICLE	IF	CITATIONS
19	Quartz Crystal Microbalance with Dissipation Monitoring: A Powerful Tool for BioNanoScience and Drug Discovery. Journal of Bionanoscience, 2015, 9, 249-260.	0.4	10
20	Considerations on Designing Scaffold for Tissue Engineering. , 2015, , 133-148.		11
21	Novel Core-Shell Nanocapsules for the Tunable Delivery of Bioactive <I>rh</I>EGF: Formulation, Characterization and Cytocompatibility Studies. Journal of Biomaterials and Tissue Engineering, 2015, 5, 730-743.	0.0	7
22	Accelerated Sonochemical Synthesis of Calcium Deficient Hydroxyapatite Nanoparticles: Structural and Morphological Evolution. Journal of Biomaterials and Tissue Engineering, 2014, 4, 295-299.	0.0	22
23	Cell-Laden Hydrogels for Tissue Engineering. Journal of Biomaterials and Tissue Engineering, 2014, 4, 507-535.	0.0	33