

Vijayan Manoharan

List of Publications by Year in descending order

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16
papers

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citations

567281

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docs citations

16
times ranked

6374
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle-Based Hybrid Scaffolds for Deciphering the Role of Multimodal Cues in Cardiac Tissue Engineering. ACS Nano, 2019, 13, 12525-12539.	14.6	101
2	Reduced Graphene Oxideâ€GelMA Hybrid Hydrogels as Scaffolds for Cardiac Tissue Engineering. Small, 2016, 12, 3677-3689.	10.0	385
3	Microfluidic Bioprinting of Heterogeneous 3D Tissue Constructs Using Lowâ€Viscosity Bioink. Advanced Materials, 2016, 28, 677-684.	21.0	677
4	A Bioactive Carbon Nanotubeâ€Based Ink for Printing 2D and 3D Flexible Electronics. Advanced Materials, 2016, 28, 3280-3289.	21.0	199
5	Google Glass-Directed Monitoring and Control of Microfluidic Biosensors and Actuators. Scientific Reports, 2016, 6, 22237.	3.3	34
6	A liver-on-a-chip platform with bioprinted hepatic spheroids. Biofabrication, 2016, 8, 014101.	7.1	466
7	Nanoengineered biomimetic hydrogels for guiding human stem cell osteogenesis in three dimensional microenvironments. Journal of Materials Chemistry B, 2016, 4, 3544-3554.	5.8	149
8	Tailoring biomaterial surface properties to modulate host-implant interactions: implication in cardiovascular and bone therapy. Journal of Materials Chemistry B, 2016, 4, 1586-1599.	5.8	59
9	A cost-effective fluorescence mini-microscope for biomedical applications. Lab on A Chip, 2015, 15, 3661-3669.	6.0	86
10	Engineering Pre-vascularized Scaffolds for Bone Regeneration. Advances in Experimental Medicine and Biology, 2015, 881, 79-94.	1.6	90
11	Nanomaterials and Cardiovascular Toxicity. , 2015, , 547-570.		0
12	Mechanistic Insights into Interaction of Humic Acid with Silver Nanoparticles. Cell Biochemistry and Biophysics, 2014, 68, 127-131.	1.8	22
13	Direct-write bioprinting of cell-laden methacrylated gelatin hydrogels. Biofabrication, 2014, 6, 024105.	7.1	528
14	Organ-on-a-chip platforms for studying drug delivery systems. Journal of Controlled Release, 2014, 190, 82-93.	9.9	308
15	Organs-on-a-chip: a new tool for drug discovery. Expert Opinion on Drug Discovery, 2014, 9, 335-352.	5.0	175
16	Hydrogel bioprinted microchannel networks for vascularization of tissue engineering constructs. Lab on A Chip, 2014, 14, 2202-2211.	6.0	759