Manishekhar Kumar

List of Publications by Year
in descending order

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20 papers	850 citations	516710 16 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	1298 citing authors

#	Article	IF	Citations
1	Genome-wide DNA hypermethylation opposes healing in patients with chronic wounds by impairing epithelial-mesenchymal transition. Journal of Clinical Investigation, 2022, 132, .	8.2	20
2	Silk-based encapsulation materials to enhance pancreatic cell functions. , 2020, , 329-337.		5
3	Pyridyl substitution control dynamics and shape dependence of fluorescent aggregates. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 392, 112405.	3.9	0
4	Insight into Silk-Based Biomaterials: From Physicochemical Attributes to Recent Biomedical Applications. ACS Applied Bio Materials, 2019, 2, 5460-5491.	4.6	93
5	Comprehensive Review on Silk at Nanoscale for Regenerative Medicine and Allied Applications. ACS Biomaterials Science and Engineering, 2019, 5, 2054-2078.	5.2	51
6	Potential Nanomedicine Applications of Multifunctional Carbon Nanoparticles Developed Using Green Technology. ACS Sustainable Chemistry and Engineering, 2018, 6, 1235-1245.	6.7	20
7	Immunomodulatory injectable silk hydrogels maintaining functional islets and promoting anti-inflammatory M2 macrophage polarization. Biomaterials, 2018, 187, 1-17.	11.4	82
8	Localized Immunomodulatory Silk Macrocapsules for Islet-like Spheroid Formation and Sustained Insulin Production. ACS Biomaterials Science and Engineering, 2017, 3, 2443-2456.	5.2	27
9	Aggregation induced enhanced and exclusively highly Stokes shifted emission from an excited state intramolecular proton transfer exhibiting molecule. Faraday Discussions, 2017, 196, 71-90.	3.2	28
10	Immuno-Informed 3D Silk Biomaterials for Tailoring Biological Responses. ACS Applied Materials & Interfaces, 2016, 8, 29310-29322.	8.0	34
11	Novel polyvinyl alcohol-bioglass 45S5 based composite nanofibrous membranes as bone scaffolds. Materials Science and Engineering C, 2016, 69, 1167-1174.	7.3	36
12	Biomimetic, Osteoconductive Non-mulberry Silk Fiber Reinforced Tricomposite Scaffolds for Bone Tissue Engineering. ACS Applied Materials & Interfaces, 2016, 8, 30797-30810.	8.0	122
13	Mimicking Form and Function of Native Small Diameter Vascular Conduits Using Mulberry and Non-mulberry Patterned Silk Films. ACS Applied Materials & Interfaces, 2016, 8, 15874-15888.	8.0	78
14	Aggregation induced enhanced emission of 2-(2â€²-hydroxyphenyl)benzimidazole. Photochemical and Photobiological Sciences, 2016, 15, 937-948.	2.9	22
15	Native honeybee silk membrane: a potential matrix for tissue engineering and regenerative medicine. RSC Advances, 2016, 6, 54394-54403.	3.6	9
16	A renewable resource based carbon dot decorated hydroxyapatite nanohybrid and its fabrication with waterborne hyperbranched polyurethane for bone tissue engineering. RSC Advances, 2016, 6, 26066-26076.	3.6	52
17	Electrospun polyvinyl alcohol-polyvinyl pyrrolidone nanofibrous membranes for interactive wound dressing application. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 247-262.	3.5	33
18	An in situ prepared photo-luminescent transparent biocompatible hyperbranched epoxy/carbon dot nanocomposite. RSC Advances, 2015, 5, 74692-74704.	3.6	49

#	Article	IF	Citations
19	High performance luminescent thermosetting waterborne hyperbranched polyurethane/carbon quantum dot nanocomposite with inÂvitro cytocompatibility. Composites Science and Technology, 2015, 118, 39-46.	7.8	69
20	Metal ion dependent â€œONâ€•intramolecular charge transfer (ICT) and â€œOFFâ€•normal switching of the fluorescence: Sensing of Zn2+ by ICT emission in living cells. Sensors and Actuators B: Chemical, 2014, 202, 1154-1163.	7.8	20