

Jadi Praveen Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

402
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

483
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant potential of mulberry and non-mulberry silk sericin and its implications in biomedicine. <i>Free Radical Biology and Medicine</i> , 2017, 108, 803-818.	2.9	96
2	Mimicking Form and Function of Native Small Diameter Vascular Conduits Using Mulberry and Non-mulberry Patterned Silk Films. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15874-15888.	8.0	78
3	Silk sericin induced pro-oxidative stress leads to apoptosis in human cancer cells. <i>Food and Chemical Toxicology</i> , 2019, 123, 275-287.	3.6	45
4	Cross-linked silk sericin-gelatin 2D and 3D matrices for prospective tissue engineering applications. <i>RSC Advances</i> , 2016, 6, 105125-105136.	3.6	41
5	Protective Activity of Silk Sericin against UV Radiation-Induced Skin Damage by Downregulating Oxidative Stress. <i>ACS Applied Bio Materials</i> , 2018, 1, 2120-2132.	4.6	35
6	The inhibitory effect of silk sericin against ultraviolet-induced melanogenesis and its potential use in cosmeceutics as an anti-hyperpigmentation compound. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 2497-2508.	2.9	29
7	A novel reverse micellar purification strategy for histidine tagged human interferon gamma (hIFN- γ) protein from <i>Pichia pastoris</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2512-2524.	7.5	24
8	Potential Nanomedicine Applications of Multifunctional Carbon Nanoparticles Developed Using Green Technology. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1235-1245.	6.7	20
9	Inhibitory role of silk cocoon extract against elastase, hyaluronidase and UV radiation-induced matrix metalloproteinase expression in human dermal fibroblasts and keratinocytes. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1259-1274.	2.9	17
10	Naked-eye detection of Pd ²⁺ ion using a highly selective fluorescent heterocyclic probe by turn-off response and in-vitro live cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 394, 112441.	3.9	17
11	Glucose-based fed-batch fermentation for the production of recombinant human interferon gamma (rhIFN- γ) and evaluation of its antitumor potential. <i>Biotechnology and Applied Biochemistry</i> , 2020, 67, 973-982.	3.1	0