

Vinay Kumar

List of Publications by Year in descending order

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12
papers

451
citations

933447

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1199594

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docs citations

13
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Fabrication of a Dual Protein-Based Trilayered Nanofibrous Scaffold for Efficient Wound Healing. ACS Applied Bio Materials, 2022, 5, 2726-2740.	4.6	13
2	One-Step Fabrication of Low-Cost, Autoclavable, and Multifunctional Silk-Based Nanofibrous Permeable Hanging Cell Culture Inserts for Various Biological Applications. ACS Omega, 2021, 6, 7605-7614.	3.5	1
3	Biocompatible carbon nanodots from red onion peels for anti-oxidative and bioimaging applications. Materials Express, 2021, 11, 1958-1965.	0.5	2
4	Theranostic nanozyme: Silk fibroin based multifunctional nanocomposites to combat oxidative stress. Materials Science and Engineering C, 2020, 107, 110255.	7.3	28
5	Redox responsive xylan-SS-curcumin prodrug nanoparticles for dual drug delivery in cancer therapy. Materials Science and Engineering C, 2020, 107, 110356.	7.3	61
6	Superoxide dismutase mimetic nanoceria restrains cerulein induced acute pancreatitis. Nanomedicine, 2019, 14, 1805-1825.	3.3	42
7	Lipophilic 5-fluorouracil prodrug encapsulated xylan-stearic acid conjugates nanoparticles for colon cancer therapy. International Journal of Biological Macromolecules, 2019, 128, 204-213.	7.5	42
8	Label-free fluorescence detection of SO ₃ ²⁻ by gold nanoclusters: integration in a hydrogel platform and intracellular detection. Analytical Methods, 2019, 11, 1214-1223.	2.7	11
9	Carica papaya loaded poly (vinyl alcohol)-gelatin nanofibrous scaffold for potential application in wound dressing. Materials Science and Engineering C, 2019, 103, 109834.	7.3	57
10	Electrospinning of Fe-doped ZnO nanoparticles incorporated polyvinyl alcohol nanofibers for its antibacterial treatment and cytotoxic studies. European Polymer Journal, 2019, 118, 27-35.	5.4	61
11	Yttrium oxide nanoparticles reduce the severity of acute pancreatitis caused by cerulein hyperstimulation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 18, 54-65.	3.3	43
12	pH-responsive prodrug nanoparticles based on xylan-curcumin conjugate for the efficient delivery of curcumin in cancer therapy. Carbohydrate Polymers, 2018, 188, 252-259.	10.2	90