

# Vinay Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3070970/publications.pdf>

Version: 2024-02-01

12  
papers

451  
citations

933447

10  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

645  
citing authors

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