

Niranjan G Kotla

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,128
citations

304602

22
h-index

434063

31
g-index

32
all docs

32
docs citations

32
times ranked

3258
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of the gut barrier integrity by a microbial metabolite through the Nrf2 pathway. <i>Nature Communications</i> , 2019, 10, 89.	5.8	420
2	Chemically diverse small molecule fluorescent chemosensors for copper ion. <i>Coordination Chemistry Reviews</i> , 2018, 357, 50-104.	9.5	304
3	Recent Advances in Host-Guest Self-Assembled Cyclodextrin Carriers: Implications for Responsive Drug Delivery and Biomedical Engineering. <i>Advanced Functional Materials</i> , 2020, 30, 1909049.	7.8	282
4	Bioresponsive drug delivery systems in intestinal inflammation: State-of-the-art and future perspectives. <i>Advanced Drug Delivery Reviews</i> , 2019, 146, 248-266.	6.6	142
5	A rhodamine based turn-on fluorescent probe for Pb(II) and live cell imaging. <i>RSC Advances</i> , 2016, 6, 656-660.	1.7	86
6	Rhodamine based effective chemosensor for Chromium(III) and their application in live cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 761-768.	4.0	80
7	Scaffold-free cell-based tissue engineering therapies: advances, shortfalls and forecast. <i>Npj Regenerative Medicine</i> , 2021, 6, 18.	2.5	72
8	Potential immuno-nanomedicine strategies to fight COVID-19 like pulmonary infections. <i>Nano Today</i> , 2021, 36, 101051.	6.2	61
9	Recent advances and prospects of hyaluronan as a multifunctional therapeutic system. <i>Journal of Controlled Release</i> , 2021, 336, 598-620.	4.8	59
10	Biomimetic Lipid-Based Nanosystems for Enhanced Dermal Delivery of Drugs and Bioactive Agents. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1262-1272.	2.6	58
11	Nanoparticles Targeting STATs in Cancer Therapy. <i>Cells</i> , 2019, 8, 1158.	1.8	57
12	Facts, fallacies and future of dissolution testing of polysaccharide based colon-specific drug delivery. <i>Journal of Controlled Release</i> , 2014, 178, 55-62.	4.8	51
13	Rhodamine-Based Fluorescent Turn-On Probe for Facile Sensing and Imaging of ATP in Mitochondria. <i>ChemistrySelect</i> , 2017, 2, 7654-7658.	0.7	48
14	Nanomechanical properties of poly(lactic-co-glycolic) acid film during degradation. <i>Acta Biomaterialia</i> , 2014, 10, 4695-4703.	4.1	44
15	The role of surfactants in the formulation of elastic liposomal gels containing a synthetic opioid analgesic. <i>International Journal of Nanomedicine</i> , 2016, 11, 1475.	3.3	43
16	An Orally Administrated Hyaluronan Functionalized Polymeric Hybrid Nanoparticle System for Colon-Specific Drug Delivery. <i>Nanomaterials</i> , 2019, 9, 1246.	1.9	40
17	Inflammation-specific targeted carriers for local drug delivery to inflammatory bowel disease. <i>Biomaterials</i> , 2022, 281, 121364.	5.7	37
18	A nanomedicine-promising approach to provide an appropriate colon-targeted drug delivery system for 5-fluorouracil. <i>International Journal of Nanomedicine</i> , 2015, 10, 7175.	3.3	29

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19	Modelling the degradation and elastic properties of poly(lactic-co-glycolic acid) films and regular open-cell tissue engineering scaffolds. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 54, 48-59.	1.5	29
20	Formulation and evaluation of a topical niosomal gel containing a combination of benzoyl peroxide and tretinoin for antiacne activity. <i>International Journal of Nanomedicine</i> , 2015, 10, 171.	3.3	26
21	Modulation of Gut Barrier Functions in Ulcerative Colitis by Hyaluronic Acid System. <i>Advanced Science</i> , 2022, 9, e2103189.	5.6	26
22	A theranostic nanocomposite system based on iron oxide-drug nanocages for targeted magnetic field responsive chemotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1643-1654.	1.7	24
23	A novel dissolution media for testing drug release from a nanostructured polysaccharide-based colon specific drug delivery system: an approach to alternative colon media. <i>International Journal of Nanomedicine</i> , 2016, 11, 1089.	3.3	19
24	3D or not 3D: a guide to assess cell viability in 3D cell systems. <i>Soft Matter</i> , 2022, 18, 2222-2233.	1.2	18
25	Effects of material thickness and processing method on poly(lactic-co-glycolic acid) degradation and mechanical performance. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 154.	1.7	13
26	Formulation and evaluation of atenolol floating bioadhesive system using optimized polymer blends. <i>International Journal of Pharmaceutical Investigation</i> , 2016, 6, 116.	0.2	13
27	Toward Developing Immunocompetent Diabetic Foot Ulcer-on-a-Chip Models for Drug Testing. <i>Tissue Engineering - Part C: Methods</i> , 2021, 27, 77-88.	1.1	11
28	An investigation of cell growth and detachment from thermoresponsive physically crosslinked networks. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 159-165.	2.5	10
29	Nanometer-scale physically adsorbed thermoresponsive films for cell culture. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 221-234.	1.8	10
30	Fabrication and Application of Photocrosslinked, Nanometer-Scale, Physically Adsorbed Films for Tissue Culture Regeneration. <i>Macromolecular Bioscience</i> , 2017, 17, 1600175.	2.1	8
31	A high molecular weight hyaluronic acid biphasic dispersion as potential therapeutics for interstitial cystitis. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 864-876.	1.6	8