Niranjan G Kotla

List of Publications by Year
in descending order

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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	Modulation of Gut Barrier Functions in Ulcerative Colitis by Hyaluronic Acid System. Advanced Science, 2022, 9, e2103189.	5.6	26
2	Inflammation-specific targeted carriers for local drug delivery to inflammatory bowel disease. Biomaterials, 2022, 281, 121364.	5.7	37
3	3D or not 3D: a guide to assess cell viability in 3D cell systems. Soft Matter, 2022, 18, 2222-2233.	1.2	18
4	A high molecular weight hyaluronic acid biphasic dispersion as potential therapeutics for interstitial cystitis. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 864-876.	1.6	8
5	Toward Developing Immunocompetent Diabetic Foot Ulcer-on-a-Chip Models for Drug Testing. Tissue Engineering - Part C: Methods, 2021, 27, 77-88.	1.1	11
6	Potential immuno-nanomedicine strategies to fight COVID-19 like pulmonary infections. Nano Today, 2021, 36, 101051.	6.2	61
7	Scaffold-free cell-based tissue engineering therapies: advances, shortfalls and forecast. Npj Regenerative Medicine, 2021, 6, 18.	2.5	72
8	Recent advances and prospects of hyaluronan as a multifunctional therapeutic system. Journal of Controlled Release, 2021, 336, 598-620.	4.8	59
9	Recent Advances in Hostâ€“Guest Selfâ€Assembled Cyclodextrin Carriers: Implications for Responsive Drug Delivery and Biomedical Engineering. Advanced Functional Materials, 2020, 30, 1909049.	7.8	282
10	Bioresponsive drug delivery systems in intestinal inflammation: State-of-the-art and future perspectives. Advanced Drug Delivery Reviews, 2019, 146, 248-266.	6.6	142
11	An Orally Administrated Hyaluronan Functionalized Polymeric Hybrid Nanoparticle System for Colon-Specific Drug Delivery. Nanomaterials, 2019, 9, 1246.	1.9	40
12	Nanoparticles Targeting STATs in Cancer Therapy. Cells, 2019, 8, 1158.	1.8	57
13	Enhancement of the gut barrier integrity by a microbial metabolite through the Nrf2 pathway. Nature Communications, 2019, 10, 89.	5.8	420
14	A theranostic nanocomposite system based on iron oxide-drug nanocages for targeted magnetic field responsive chemotherapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 1643-1654.	1.7	24
15	Chemically diverse small molecule fluorescent chemosensors for copper ion. Coordination Chemistry Reviews, 2018, 357, 50-104.	9.5	304
16	Biomimetic Lipid-Based Nanosystems for Enhanced Dermal Delivery of Drugs and Bioactive Agents. ACS Biomaterials Science and Engineering, 2017, 3, 1262-1272.	2.6	58
17	Rhodamine based effective chemosensor for Chromium(III) and their application in live cell imaging. Sensors and Actuators B: Chemical, 2017, 246, 761-768.	4.0	80
18	An investigation of cell growth and detachment from thermoresponsive physically crosslinked networks. Colloids and Surfaces B: Biointerfaces, 2017, 159, 159-165.	2.5	10

#	Article	IF	Citations
19	Nanometer-scale physically adsorbed thermoresponsive films for cell culture. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 221-234.	1.8	10
20	Fabrication and Application of Photocrosslinked, Nanometer-Scale, Physically Adsorbed Films for Tissue Culture Regeneration. Macromolecular Bioscience, 2017, 17, 1600175.	2.1	8
21	Rhodamine-Based Fluorescent Turn-On Probe for Facile Sensing and Imaging of ATP in Mitochondria. ChemistrySelect, 2017, 2, 7654-7658.	0.7	48
22	The role of surfactants in the formulation of elastic liposomal gels containing a synthetic opioid analgesic. International Journal of Nanomedicine, 2016, 11, 1475.	3.3	43
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. International Journal of Nanomedicine, 2016, 11, 1089.	3.3	19
24	Effects of material thickness and processing method on poly(lactic-co-glycolic acid) degradation and mechanical performance. Journal of Materials Science: Materials in Medicine, 2016, 27, 154.	1.7	13
25	A rhodamine based â€œturn-onâ€•fluorescent probe for Pb(<scp>ii</scp>) and live cell imaging. RSC Advances, 2016, 6, 656-660.	1.7	86
26	Modelling the degradation and elastic properties of poly(lactic-co-glycolic acid) films and regular open-cell tissue engineering scaffolds. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 54, 48-59.	1.5	29
27	Formulation and evaluation of atenolol floating bioadhesive system using optimized polymer blends. International Journal of Pharmaceutical Investigation, 2016, 6, 116.	0.2	13
28	Formulation and evaluation of a topical niosomal gel containing a combination of benzoyl peroxide and tretinoin for antiacne activity. International Journal of Nanomedicine, 2015, 10, 171.	3.3	26
29	A nanomedicine-promising approach to provide an appropriate colon-targeted drug delivery system for 5-fluorouracil. International Journal of Nanomedicine, 2015, 10, 7175.	3.3	29
30	Facts, fallacies and future of dissolution testing of polysaccharide based colon-specific drug delivery. Journal of Controlled Release, 2014, 178, 55-62.	4.8	51
31	Nanomechanical properties of poly(lactic-co-glycolic) acid film during degradation. Acta Biomaterialia, 2014, 10, 4695-4703.	4.1	44