

Balaji Maddiboyina

List of Publications by Year in descending order

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21
papers

648
citations

623734

14
h-index

713466

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22
all docs

22
docs citations

22
times ranked

765
citing authors

#	ARTICLE	IF	CITATIONS
1	A rhodamine based "turn-on" fluorescent probe for Pb(II) and live cell imaging. RSC Advances, 2016, 6, 656-660.	3.6	86
2	Rhodamine based effective chemosensor for Chromium(III) and their application in live cell imaging. Sensors and Actuators B: Chemical, 2017, 246, 761-768.	7.8	80
3	Rationally engineered nanosensors: A novel strategy for the detection of heavy metal ions in the environment. Journal of Hazardous Materials, 2021, 409, 124493.	12.4	68
4	The emerging role of immune checkpoint inhibitors in the treatment of triple-negative breast cancer. Drug Discovery Today, 2021, 26, 1721-1727.	6.4	50
5	Rhodamine-Based Fluorescent Turn-On Probe for Facile Sensing and Imaging of ATP in Mitochondria. ChemistrySelect, 2017, 2, 7654-7658.	1.5	48
6	The role of surfactants in the formulation of elastic liposomal gels containing a synthetic opioid analgesic. International Journal of Nanomedicine, 2016, 11, 1475.	6.7	43
7	Turn-on fluorescence sensor for selective detection of fluoride ion and its molecular logic gates behavior. Journal of Molecular Liquids, 2020, 317, 113913.	4.9	38
8	A novel curcumin-loaded PLGA micromagnetic composite system for controlled and pH-responsive drug delivery. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 573, 188-195.	4.7	32
9	A nanomedicine-promising approach to provide an appropriate colon-targeted drug delivery system for 5-fluorouracil. International Journal of Nanomedicine, 2015, 10, 7175.	6.7	29
10	Solubility enhancement, formulation development and antifungal activity of luliconazole niosomal gel-based system. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 1009-1023.	3.5	29
11	Formulation and evaluation of gastro-retentive floating bilayer tablet for the treatment of hypertension. Heliyon, 2020, 6, e05459.	3.2	23
12	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.	6.7	19
13	Formulation and evaluation of thermosensitive flurbiprofen <i>in situ</i> nano gel for the ocular delivery. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 1584-1597.	3.5	19
14	An insight of nanogels as novel drug delivery system with potential hybrid nanogel applications. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 262-278.	3.5	16
15	Formulation and evaluation of atenolol floating bioadhesive system using optimized polymer blends. International Journal of Pharmaceutical Investigation, 2016, 6, 116.	0.3	13
16	Integration of pharmacogenomics and theranostics with nanotechnology as quality by design (QbD) approach for formulation development of novel dosage forms for effective drug therapy. Journal of Controlled Release, 2020, 327, 500-511.	9.9	12
17	Enhancing the solubility of nitazoxanide with solid dispersions technique: formulation, evaluation, and cytotoxicity study. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 477-487.	3.5	12
18	Formulation Development and Characterization of Controlled Release Core-in-cup Matrix Tablets of Venlafaxine HCl. Current Drug Therapy, 2021, 15, 503-511.	0.3	9

#	ARTICLE	IF	CITATIONS
19	Design expert assisted formulation, characterization and optimization of microemulsion based solid lipid nanoparticles of repaglinide. Progress in Biomaterials, 2021, 10, 309-320.	4.5	9
20	Fate and Applications of Superporous Hydrogel Systems: A Review. Current Nanomedicine, 2020, 10, 326-341.	0.6	7
21	3D Printing Technology in Pharmaceutical Dosage Forms: Advantages and Challenges. Current Drug Targets, 2021, 22, 1901-1914.	2.1	6