

Mallesh Kurakula

List of Publications by Year in descending order

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38
papers

1,191
citations

393982

19
h-index

395343

33
g-index

42
all docs

42
docs citations

42
times ranked

984
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmaceutical assessment of polyvinylpyrrolidone (PVP): As excipient from conventional to controlled delivery systems with a spotlight on COVID-19 inhibition. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 102046.	1.4	193
2	Moving polyvinyl pyrrolidone electrospun nanofibers and bioprinted scaffolds toward multidisciplinary biomedical applications. <i>European Polymer Journal</i> , 2020, 136, 109919.	2.6	86
3	Solid lipid nanoparticles for transdermal delivery of avanafil: optimization, formulation, <i>in-vitro</i> and <i>ex-vivo</i> studies. <i>Journal of Liposome Research</i> , 2016, 26, 288-296.	1.5	78
4	Preparation, Optimization, and Evaluation of Hyaluronic Acid-Based Hydrogel Loaded with Miconazole Self-Nanoemulsion for the Treatment of Oral Thrush. <i>AAPS PharmSciTech</i> , 2019, 20, 297.	1.5	53
5	Prospection of recent chitosan biomedical trends: Evidence from patent analysis (2009â€“2020). <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1924-1938.	3.6	52
6	In Situ Gel Loaded with Chitosan-Coated Simvastatin Nanoparticles: Promising Delivery for Effective Anti-Proliferative Activity against Tongue Carcinoma. <i>Marine Drugs</i> , 2020, 18, 201.	2.2	46
7	Electrospraying: A facile technology unfolding the chitosan based drug delivery and biomedical applications. <i>European Polymer Journal</i> , 2021, 147, 110326.	2.6	46
8	Chitosan based atorvastatin nanocrystals: effect of cationic charge on particle size, formulation stability, and in-vivo efficacy. <i>International Journal of Nanomedicine</i> , 2015, 10, 321.	3.3	45
9	Process optimization by response surface methodology for preparation and evaluation of methotrexate loaded chitosan nanoparticles. <i>Materials Today: Proceedings</i> , 2020, 33, 2716-2724.	0.9	44
10	Quality by Design Coupled with Near Infrared in Formulation of Transdermal Glimepiride Liposomal Films. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2062-2075.	1.6	37
11	Okra-Thioglycolic Acid Conjugateâ€™ Synthesis, Characterization, and Evaluation as a Mucoadhesive Polymer. <i>Processes</i> , 2020, 8, 316.	1.3	34
12	Recent trends in design and evaluation of chitosan-based colon targeted drug delivery systems: Update 2020. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102579.	1.4	31
13	Chitosan Coated Microparticles Enhance Simvastatin Colon Targeting and Pro-Apoptotic Activity. <i>Marine Drugs</i> , 2020, 18, 226.	2.2	29
14	Preparation, Optimization and Evaluation of Chitosan-Based Avanafil Nanocomplex Utilizing Antioxidants for Enhanced Neuroprotective Effect on PC12 Cells. <i>Gels</i> , 2021, 7, 96.	2.1	29
15	Alginate-based hydrogel systems for drug releasing in wound healing. , 2020, , 323-358.		27
16	Modified electrospun chitosan membranes for controlled release of simvastatin. <i>International Journal of Pharmaceutics</i> , 2020, 584, 119438.	2.6	27
17	Co-Delivery of Atorvastatin Nanocrystals in PLGA based in situ Gel for Anti-Hyperlipidemic Efficacy. <i>Current Drug Delivery</i> , 2016, 13, 211-220.	0.8	26
18	Development of omega-3 loxoprofen-loaded nanoemulsion to limit the side effect associated with NSAIDs in treatment of tooth pain. <i>Drug Delivery</i> , 2021, 28, 741-751.	2.5	23

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19	Chitosan as Functional Biomaterial for Designing Delivery Systems in Cardiac Therapies. <i>Gels</i> , 2021, 7, 253.	2.1	23
20	In vitro and preclinical assessment of factorial design based nanoethosomal transdermal film formulation of mefenamic acid to overcome barriers to its use in relieving pain and inflammation. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 48, 450-456.	1.4	19
21	Use of alginates for drug delivery in dentistry. , 2020, , 387-404.		18
22	Electro Spun- Nanofibrous Mats: A Modern Wound Dressing Matrix with a Potential of Drug Delivery and Therapeutics. <i>Journal of Engineered Fibers and Fabrics</i> , 2015, 10, 155892501501000.	0.5	17
23	QbD Supported Optimization of the Alginate-Chitosan Nanoparticles of Simvastatin in Enhancing the Anti-Proliferative Activity against Tongue Carcinoma. <i>Gels</i> , 2022, 8, 103.	2.1	17
24	Design and Development of Neomycin Sulfate Gel Loaded with Solid Lipid Nanoparticles for Buccal Mucosal Wound Healing. <i>Gels</i> , 2022, 8, 385.	2.1	16
25	Self-Nanoemulsifying System Loaded with Sildenafil Citrate and Incorporated within Oral Lyophilized Flash Tablets: Preparation, Optimization, and In Vivo Evaluation. <i>Pharmaceutics</i> , 2020, 12, 1124.	2.0	15
26	Oral gel loaded with penciclovirâ€“lavender oil nanoemulsion to enhance bioavailability and alleviate pain associated with herpes labialis. <i>Drug Delivery</i> , 2021, 28, 1043-1054.	2.5	15
27	Development and validation of a RP-HPLC method for assay of Atorvastatin and its application in dissolution studies on thermosensitive hydrogel-based nanocrystals. <i>Tropical Journal of Pharmaceutical Research</i> , 2014, 13, 1681.	0.2	14
28	Pharmacological Exploration of Phenolic Compound: Raspberry Ketoneâ€”Update 2020. <i>Plants</i> , 2021, 10, 1323.	1.6	14
29	Strontium and selenium doped bioceramics incorporated polyacrylamide-carboxymethylcellulose hydrogel scaffolds: mimicking key features of bone regeneration. <i>Journal of Asian Ceramic Societies</i> , 2021, 9, 531-548.	1.0	12
30	Trends of Chitosan Based Delivery Systems in Neuroregeneration and Functional Recovery in Spinal Cord Injuries. <i>Polysaccharides</i> , 2021, 2, 519-537.	2.1	8
31	Zein Coated Zinc Oxide Nanoparticles: Fabrication and Antimicrobial Evaluation as Dental Aid. <i>International Journal of Pharmacology</i> , 2018, 14, 1051-1059.	0.1	8
32	Recent Advances in Lipid-Based Nanovesicular Delivery Systems for Melanoma Therapy. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2021, 38, 1-38.	1.2	7
33	Effect of Cationic Lipid Nanoparticle Loaded siRNA with Stearylamine against Chikungunya Virus. <i>Molecules</i> , 2022, 27, 1170.	1.7	7
34	Antiviral activity of stearylamine against chikungunya virus. <i>Chemistry and Physics of Lipids</i> , 2021, 235, 105049.	1.5	6
35	Design and In Vitro Study of a Dual Drug-Loaded Delivery System Produced by Electrospinning for the Treatment of Acute Injuries of the Central Nervous System. <i>Pharmaceutics</i> , 2021, 13, 848.	2.0	6
36	Synthesis and Characterization of 2-Decenoic Acid Modified Chitosan for Infection Prevention and Tissue Engineering. <i>Marine Drugs</i> , 2021, 19, 556.	2.2	5

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37	Augmentation of Antidiabetic Activity of Glibenclamide Microspheres Using S-Protected Okra Powered by QbD: Scintigraphy and In Vivo Studies. <i>Pharmaceuticals</i> , 2022, 15, 491.	1.7	5
38	Probiotics in Lung Cancer: An Emerging Field of Multifarious Potential and Opportunities. , 2021, , 125-158.		2