

K Gowthamarajan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

793
citations

623734

14
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1194
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of curcumin nanoemulsion for intranasal delivery using design of experiment and its toxicity assessment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 113, 330-337.	5.0	216
2	Intranasal therapeutic strategies for management of Alzheimer's disease. <i>Journal of Drug Targeting</i> , 2014, 22, 279-294.	4.4	81
3	Gold nanoparticles: New routes across old boundaries. <i>Advances in Colloid and Interface Science</i> , 2019, 274, 102037.	14.7	72
4	Oxaliplatin immuno hybrid nanoparticles for active targeting: an approach for enhanced apoptotic activity and drug delivery to colorectal tumors. <i>Drug Delivery</i> , 2016, 23, 1773-1787.	5.7	47
5	Modified apple polysaccharide capped gold nanoparticles for oral delivery of insulin. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 976-988.	7.5	45
6	Effect of co-administration of probiotics with polysaccharide based colon targeted delivery systems to optimize site specific drug release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 97, 164-172.	4.3	42
7	Development of buccal tablets for curcumin using <i>Anacardium occidentale</i> gum. <i>Carbohydrate Polymers</i> , 2012, 88, 1177-1183.	10.2	39
8	Preliminary study of <i>Anacardium occidentale</i> gum as binder in formulation of paracetamol tablets. <i>Carbohydrate Polymers</i> , 2011, 83, 506-511.	10.2	35
9	Modulation of cerebral malaria by curcumin as an adjunctive therapy. <i>Brazilian Journal of Infectious Diseases</i> , 2013, 17, 579-591.	0.6	33
10	Impact of solidification on micromeritic properties and dissolution rate of self-nanoemulsifying delivery system loaded with docosahexaenoic acid. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 597-605.	2.0	21
11	Effect of co-administration of probiotics with guar gum, pectin and eudragit S100 based colon targeted mini tablets containing 5-Fluorouracil for site specific release. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 102004.	3.0	18
12	Novel anionic polymer as a carrier for CNS delivery of anti-Alzheimer drug. <i>Drug Delivery</i> , 2016, 23, 3471-3479.	5.7	17
13	A three-pronged formulation approach to improve oral bioavailability and therapeutic efficacy of two lipophilic drugs with gastric lability. <i>Drug Delivery and Translational Research</i> , 2019, 9, 848-865.	5.8	17
14	Fail-safe nano-formulation of prodrug of sulfapyridine: Preparation and evaluation for treatment of rheumatoid arthritis. <i>Materials Science and Engineering C</i> , 2021, 118, 111332.	7.3	15
15	Combination therapy of vanillic acid and oxaliplatin co-loaded in polysaccharide based functionalized polymeric micelles could offer effective treatment for colon cancer: A hypothesis. <i>Medical Hypotheses</i> , 2021, 156, 110679.	1.5	15
16	Pop the pills without bitterness. <i>Resonance</i> , 2004, 9, 25-32.	0.3	13
17	Stable Co-crystals of Glipizide with Enhanced Dissolution Profiles: Preparation and Characterization. <i>AAPS PharmSciTech</i> , 2017, 18, 2454-2465.	3.3	12
18	Formulation and optimization of oxaliplatin immuno-nanoparticles using Box-Behnken design and cytotoxicity assessment for synergistic and receptor-mediated targeting in the treatment of colorectal cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1835-1850.	2.8	11

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19	Development of modified apple polysaccharide capped silver nanoparticles loaded with mesalamine for effective treatment of ulcerative colitis. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101980.	3.0	9
20	A Novel Three-pronged Approach for Colon Delivery of Sulfasalazine: Concomitant Use of pH-Responsive, Microbially Triggered Polymers and Liquisolid Technology. <i>Current Drug Delivery</i> , 2018, 15, 1038-1054.	1.6	7
21	Opening eyes to therapeutic perspectives of bioactive polyphenols and their nanoformulations against diabetic neuropathy and related complications. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 427-448.	5.0	7
22	Oxaliplatin immunohybrid nanoparticles in vitro synergistic suppression evaluation in treatment of colorectal cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 261-269.	2.8	5
23	Antimicrobial activity of selected herbal extracts. <i>Ancient Science of Life: Journal of International Institute of Ayurveda</i> , 2002, 21, 188-90.	0.3	1