

Gaurav Mittal

List of Publications by Year in descending order

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36
papers

766
citations

687363

13
h-index

526287

27
g-index

36
all docs

36
docs citations

36
times ranked

1137
citing authors

#	ARTICLE	IF	CITATIONS
1	Sparfloxacin-loaded PLGA nanoparticles for sustained ocular drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 324-333.	3.3	299
2	Nano-salbutamol dry powder inhalation: A new approach for treating broncho-constrictive conditions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 282-291.	4.3	95
3	Impact of hypercholesterolemia on toxicity of N-nitrosodiethylamine: biochemical and histopathological effects. <i>Pharmacological Reports</i> , 2006, 58, 413-9.	3.3	37
4	Clinical and bioavailability studies of sublingually administered atropine sulfate. <i>American Journal of Emergency Medicine</i> , 2010, 28, 143-150.	1.6	23
5	Optimization, characterization, and efficacy evaluation of 2% chitosan scaffold for tissue engineering and wound healing. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2016, 8, 300.	0.6	23
6	Inhalation of alendronate nanoparticles as dry powder inhaler for the treatment of osteoporosis. <i>Journal of Microencapsulation</i> , 2012, 29, 445-454.	2.8	22
7	Development of atropine sulphate nasal drops and its pharmacokinetic and safety evaluation in healthy human volunteers. <i>Environmental Toxicology and Pharmacology</i> , 2009, 27, 206-211.	4.0	20
8	Development, characterisation and pharmacoscintigraphic evaluation of nano-fluticasone propionate dry powder inhalation as potential antidote against inhaled toxic gases. <i>Journal of Microencapsulation</i> , 2013, 30, 546-558.	2.8	20
9	Comparative Analysis of Collagen and Chitosan-based Dressing for Haemostatic and Wound Healing Application. <i>AAPS PharmSciTech</i> , 2021, 22, 76.	3.3	16
10	Edetate calcium disodium nanoparticle dry powder inhalation: A novel approach against heavy metal decorporation. <i>International Journal of Pharmaceutics</i> , 2011, 416, 376-383.	5.2	14
11	Formulation development and optimization of alpha ketoglutarate nanoparticles for cyanide poisoning. <i>Powder Technology</i> , 2011, 211, 1-9.	4.2	14
12	Development and Optimization of Gastro-Retentive Controlled-Release Tablet of Calcium-Disodium Edetate and its In Vivo Gamma Scintigraphic Evaluation. <i>AAPS PharmSciTech</i> , 2015, 16, 1270-1280.	3.3	14
13	Therapeutic potential of alpha-ketoglutarate against acetaminophen-induced hepatotoxicity in rats. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2016, 8, 296.	0.6	13
14	N-nitrosodiethylamine-induced toxicity in relation to oxidative stress and development of atherosclerosis in hypercholesterolemic diet-fed rabbits. <i>Experimental and Toxicologic Pathology</i> , 2008, 59, 409-414.	2.1	12
15	In vivo lung deposition and sub-acute inhalation toxicity studies of nano-sized alendronate sodium as an antidote for inhaled toxic substances in Sprague Dawley rats. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 636-647.	4.0	12
16	Determination of Alendronate Sodium by Box-Behnken Statistical Design. <i>Chromatographia</i> , 2010, 72, 321-326.	1.3	11
17	Radiolabeling and dose fixation study of oral alpha-ketoglutarate as a cyanide antidote in healthy human volunteers. <i>Clinical Toxicology</i> , 2010, 48, 509-515.	1.9	11
18	Preparation, Characterization, and In Vivo Pharmacoscintigraphy Evaluation of an Intestinal Release Delivery System of Prussian Blue for Decorporation of Cesium and Thallium. <i>Journal of Drug Delivery</i> , 2017, 2017, 1-9.	2.5	11

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19	Protective role of chickpea seed coat fibre on N-nitrosodiethylamine-induced toxicity in hypercholesterolemic rats. <i>Experimental and Toxicologic Pathology</i> , 2009, 61, 363-370.	2.1	10
20	Eugenol-acacia gum-based bifunctional nanofibers as a potent antifungal transdermal substitute. <i>Nanomedicine</i> , 2021, 16, 2269-2289.	3.3	9
21	Pulmonary delivery of nanosized alendronate for decorporation of inhaled heavy metals: formulation development, characterization and gamma scintigraphic evaluation. <i>Pharmaceutical Development and Technology</i> , 2014, 19, 623-633.	2.4	8
22	Toxic metabolite profiling of <i>Inocybe virosa</i> . <i>Scientific Reports</i> , 2020, 10, 13669.	3.3	8
23	A new method for radiolabeling of human immunoglobulin-G and its biological evaluation. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2012, 4, 286.	0.6	7
24	Fabrication of Three-Dimensional Bioactive Composite Scaffolds for Hemostasis and Wound Healing. <i>AAPS PharmSciTech</i> , 2021, 22, 138.	3.3	7
25	Decontamination of rat and human skin experimentally contaminated with ^{99m} Tc, ²⁰¹ Tl and ¹³¹ I radionuclides using "Dermadecon" a skin decontamination kit: an efficacy study. <i>Cutaneous and Ocular Toxicology</i> , 2018, 37, 1-8.	1.3	6
26	Alpha ketoglutarate nanoparticles: A potentially effective treatment for cyanide poisoning. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 126, 221-232.	4.3	6
27	Development of nano alpha-ketoglutarate nebulization formulation and its pharmacokinetic and safety evaluation in healthy human volunteers for cyanide poisoning. <i>Environmental Toxicology and Pharmacology</i> , 2011, 31, 436-442.	4.0	5
28	Formulation, preclinical and clinical evaluation of a new submicronic arginine respiratory fluid for treatment of chronic obstructive pulmonary disorder. <i>Saudi Pharmaceutical Journal</i> , 2016, 24, 49-56.	2.7	5
29	In-vitro and in-vivo functional observation studies to establish therapeutic potential of alpha-ketoglutarate against methotrexate induced liver injury. <i>Biomedical Journal</i> , 2021, 44, 611-619.	3.1	5
30	Pharmacological comparison of four biopolymeric natural gums as hemostatic agents for management of bleeding wounds: preliminary in vitro and in vivo results. <i>Future Journal of Pharmaceutical Sciences</i> , 2021, 7, .	2.8	5
31	Fabrication, characterization and evaluation of the efficacy of gelatin/hyaluronic acid microporous scaffolds suffused with aloe-vera in a rat burn model. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1346-1358.	2.4	5
32	Ketamine-polymer based drug delivery system for prolonged analgesia: recent advances, challenges and future prospects. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1117-1130.	5.0	4
33	Impact of hypercholesterolemia on in vitro toxicity of N-nitrosodiethylamine: effect on lipidperoxidation of blood and tissue. <i>Indian Journal of Experimental Biology</i> , 2002, 40, 1071-3.	0.0	3
34	Preclinical safety evaluation of submicronized sildenafil citrate nebulization solution in small experimental animals. <i>Experimental Lung Research</i> , 2015, 41, 450-458.	1.2	2
35	Development and clinical study of submicronic-atropine sulphate respiratory fluid as a novel organophosphorous poisoning antidote. <i>Drug Delivery</i> , 2016, 23, 2255-2261.	5.7	2
36	Alpha-ketoglutarate mediated hepatoprotection against alcohol induced toxicity: in vivo functional observation studies in Sprague Dawley rats using gamma scintigraphy. <i>Drug and Chemical Toxicology</i> , 2020, 43, 546-551.	2.3	2