Mohammed H Elkomy

List of Publications by Year
in descending order

45	1,028	393982	454577
papers	citations	19 h-index	30 g-index

47	47	47	1236
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lipid Nanocarriers Overlaid with Chitosan for Brain Delivery of Berberine via the Nasal Route. Pharmaceuticals, 2022, 15, 281.	1.7	27
2	Surface-Modified Bilosomes Nanogel Bearing a Natural Plant Alkaloid for Safe Management of Rheumatoid Arthritis Inflammation. Pharmaceutics, 2022, 14, 563.	2.0	28
3	Fabrication and In Vitro/In Vivo Appraisal of Metronidazole Intra-Gastric Buoyant Sustained-Release Tablets in Healthy Volunteers. Pharmaceutics, 2022, 14, 863.	2.0	6
4	Arabinoxylan-Carboxymethylcellulose Composite Films for Antibiotic Delivery to Infected Wounds. Polymers, 2022, 14, 1769.	2.0	7
5	Impact of highly phospholipid-containing lipid nanocarriers on oral bioavailability and pharmacodynamics performance of genistein. Pharmaceutical Development and Technology, 2022, 27, 435-447.	1.1	4
6	Role of ADMA/DDAH-1 and iNOS/eNOS signaling in the gastroprotective effect of tadalafil against indomethacin-induced gastric injury. Biomedicine and Pharmacotherapy, 2022, 150, 113026.	2.5	6
7	Chitosan Silver and Gold Nanoparticle Formation Using Endophytic Fungi as Powerful Antimicrobial and Anti-Biofilm Potentialities. Antibiotics, 2022, 11, 668.	1.5	15
8	Intranasal Delivery of Granisetron to the Brain via Nanostructured Cubosomes-Based In Situ Gel for Improved Management of Chemotherapy-Induced Emesis. Pharmaceutics, 2022, 14, 1374.	2.0	14
9	Innovative pulmonary targeting of terbutaline sulfate-laded novasomes for non-invasive tackling of asthma: statistical optimization and comparative inÂvitro/in vivo evaluation. Drug Delivery, 2022, 29, 2058-2071.	2.5	6
10	LC/MS Profiling and Gold Nanoparticle Formulation of Major Metabolites from Origanum majorana as Antibacterial and Antioxidant Potentialities. Plants, 2022, 11, 1871.	1.6	3
11	The Influence of Solid/Solvent Interfacial Interactions on Physicochemical and Mechanical Properties of Ofloxacin. Journal of Pharmaceutical Innovation, 2021, 16, 170-180.	1.1	5
12	Development and machine-learning optimization of mucoadhesive nanostructured lipid carriers loaded with fluconazole for treatment of oral candidiasis. Drug Development and Industrial Pharmacy, 2021, 47, 246-258.	0.9	22
13	Antibiotic-Loaded Psyllium Husk Hemicellulose and Gelatin-Based Polymeric Films for Wound Dressing Application. Pharmaceutics, 2021, 13, 236.	2.0	15
14	Berberine Encapsulated Lecithinâ€“Chitosan Nanoparticles as Innovative Wound Healing Agent in Type II Diabetes. Pharmaceutics, 2021, 13, 1197.	2.0	27
15	Development of Piperine-Loaded Solid Self-Nanoemulsifying Drug Delivery System: Optimization, In-Vitro, Ex-Vivo, and In-Vivo Evaluation. Nanomaterials, 2021, 11, 2920.	1.9	14
16	Intratracheally Inhalable Nifedipine-Loaded Chitosan-PLGA Nanocomposites as a Promising Nanoplatform for Lung Targeting: Snowballed Protection via Regulation of TGF-Î²/Î²-Catenin Pathway in Bleomycin-Induced Pulmonary Fibrosis. Pharmaceuticals, 2021, 14, 1225.	1.7	9
17	Pharmacokinetics of Dexmedetomidine in Infants and Children After Orthotopic Liver Transplantation. Anesthesia and Analgesia, 2020, 130, 209-216.	1.1	16
18	Quality by design (QbD) based development and validation of bioanalytical RP-HPLC method for dapagliflozin: Forced degradation and preclinical pharmacokinetic study. Journal of Liquid Chromatography and Related Technologies, 2020, 43, 53-65.	0.5	24

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19	A novel nanogel loaded with chitosan decorated bilosomes for transdermal delivery of terbutaline sulfate: artificial neural network optimization, in vitro characterization and in vivo evaluation. Drug Delivery and Translational Research, 2020, 10, 471-485.	3.0	46
20	Long-Acting Paliperidone Parenteral Formulations Based on Polycaprolactone Nanoparticles; the Influence of Stabilizer and Chitosan on In Vitro Release, Protein Adsorption, and Cytotoxicity. Pharmaceutics, 2020, 12, 160.	2.0	25
21	Changing the Drug Delivery System: Does it Add to Non-Compliance Ramifications Control? A Simulation Study on the Pharmacokinetics and Pharmacodynamics of Atypical Antipsychotic Drug. Pharmaceutics, 2020, 12, 297.	2.0	12
22	Physically Optimized Nano-Lipid Carriers Augment Raloxifene and Vitamin D Oral Bioavailability in Healthy Humans for Management of Osteoporosis. Journal of Pharmaceutical Sciences, 2020, 109, 2145-2155.	1.6	17
23	Development of novel dapagliflozin loaded solid self-nanoemulsifying oral delivery system: Physiochemical characterization and in vivo antidiabetic activity. Journal of Drug Delivery Science and Technology, 2019, 54, 101279.	1.4	20
24	Transfersomal nanovesicles for nose-to-brain delivery of ofloxacin for better management of bacterial meningitis: Formulation, optimization by Box-Behnken design, characterization and in vivo pharmacokinetic study. Journal of Drug Delivery Science and Technology, 2019, 54, 101304.	1.4	23
25	Development, Optimization, and In Vitro/In Vivo Characterization of Enhanced Lipid Nanoparticles for Ocular Delivery of Ofloxacin: the Influence of Pegylation and Chitosan Coating. AAPS PharmSciTech, 2019, 20, 183.	1.5	57
26	Assessment of Ketamine Adult Anesthetic Doses in Pediatrics Using Pharmacokinetic Modeling and Simulations. Pharmacotherapy, 2019, 39, 454-462.	1.2	3
27	Antimicrobial Disposition During Pediatric Continuous Renal Replacement Therapy Using an Ex Vivo Model. Critical Care Medicine, 2019, 47, e767-e773.	0.4	18
28	Comparison of three different concentrations of levobupivacaine for epidural labor analgesia: Clinical effect and pharmacokinetic profile. Anesthesia: Essays and Researches, 2018, 12, 60.	0.2	6
29	Loratadine bioavailability via buccal transferosomal gel: formulation, statistical optimization, in vitro/in vivo characterization, and pharmacokinetics in human volunteers. Drug Delivery, 2017, 24, 781-791.	2.5	38
30	Development of a nanogel formulation for transdermal delivery of tenoxicam: a pharmacokineticâ€“pharmacodynamic modeling approach for quantitative prediction of skin absorption. Drug Development and Industrial Pharmacy, 2017, 43, 531-544.	0.9	36
31	Optimization of Maternal Magnesium Sulfate Administration for Fetal Neuroprotection: Application of a Prospectively Constructed Pharmacokinetic Model to the BEAM Cohort. Journal of Clinical Pharmacology, 2017, 57, 1419-1424.	1.0	14
32	Topical ketoprofen nanogel: artificial neural network optimization, clustered bootstrap validation, and in vivo activity evaluation based on longitudinal dose response modeling. Drug Delivery, 2016, 23, 3294-3306.	2.5	35
33	Pharmacodynamic Analysis of Morphine Time-to-Remedication Events in Infants and Young Children After Congenital Heart Surgery. Clinical Pharmacokinetics, 2016, 55, 1217-1226.	1.6	11
34	Pharmacokinetics and placental transfer of magnesium sulfate in pregnant women. American Journal of Obstetrics and Gynecology, 2016, 214, 737.e1-737.e9.	0.7	34
35	Development, Optimization, and Evaluation of Carvedilol-Loaded Solid Lipid Nanoparticles for Intranasal Drug Delivery. AAPS PharmSciTech, 2016, 17, 1353-1365.	1.5	59
36	Pharmacokinetics of Morphine and Its Metabolites in Infants and Young Children After Congenital Heart Surgery. AAPS Journal, 2016, 18, 124-133.	2.2	16

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37	Population pharmacokinetics of etomidate in neonates and infants with congenital heart disease. Biopharmaceutics and Drug Disposition, 2015, 36, 104-114.	1.1	11
38	Ondansetron Pharmacokinetics in Pregnant Women and Neonates: Towards a New Treatment for Neonatal Abstinence Syndrome. Clinical Pharmacology and Therapeutics, 2015, 97, 167-176.	2.3	26
39	Population pharmacokinetics of ketamine in children with heart disease. International Journal of Pharmaceutics, 2015, 478, 223-231.	2.6	13
40	Association between Vancomycin Trough Concentration and Area under the Concentration-Time Curve in Neonates. Antimicrobial Agents and Chemotherapy, 2014, 58, 6454-6461.	1.4	109
41	Pharmacokinetics of Prophylactic Cefazolin in Parturients Undergoing Cesarean Delivery. Antimicrobial Agents and Chemotherapy, 2014, 58, 3504-3513.	1.4	37
42	2,2â€²,3,5â€²,6-Pentachlorobiphenyl (PCB 95) and Its Hydroxylated Metabolites Are Enantiomerically Enriched in Female Mice. Environmental Science & Technology, 2012, 46, 11393-11401.	4.6	55
43	Differential pharmacokinetic analysis ofin vivoerythropoietin receptor interaction with erythropoietin and continuous erythropoietin receptor activator in sheep. Biopharmaceutics and Drug Disposition, 2011, 32, 276-288.	1.1	11
44	Pharmacokinetic Analysis of Continuous Erythropoietin Receptor Activator Disposition in Adult Sheep Using a Target-Mediated, Physiologic Recirculation Model and a Tracer Interaction Methodology. Drug Metabolism and Disposition, 2011, 39, 603-609.	1.7	10
45	Clearance of Polychlorinated Biphenyl Atropisomers is Enantioselective in Female C57Bl/6 Mice. Environmental Science & Technology, 2010, 44, 2828-2835.	4.6	38