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List of Publications by Year in descending order

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45
papers

1,028
citations

393982

19
h-index

454577

30
g-index

47
all docs

47
docs citations

47
times ranked

1236
citing authors

#	ARTICLE	IF	CITATIONS
1	Association between Vancomycin Trough Concentration and Area under the Concentration-Time Curve in Neonates. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6454-6461.	1.4	109
2	Development, Optimization, and Evaluation of Carvedilol-Loaded Solid Lipid Nanoparticles for Intranasal Drug Delivery. <i>AAPS PharmSciTech</i> , 2016, 17, 1353-1365.	1.5	59
3	Development, Optimization, and In Vitro/In Vivo Characterization of Enhanced Lipid Nanoparticles for Ocular Delivery of Ofloxacin: the Influence of Pegylation and Chitosan Coating. <i>AAPS PharmSciTech</i> , 2019, 20, 183.	1.5	57
4	2,2â€²,3,5â€²,6-Pentachlorobiphenyl (PCB 95) and Its Hydroxylated Metabolites Are Enantiomerically Enriched in Female Mice. <i>Environmental Science & Technology</i> , 2012, 46, 11393-11401.	4.6	55
5	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. <i>Drug Delivery and Translational Research</i> , 2020, 10, 471-485.	3.0	46
6	Clearance of Polychlorinated Biphenyl Atropisomers is Enantioselective in Female C57Bl/6 Mice. <i>Environmental Science & Technology</i> , 2010, 44, 2828-2835.	4.6	38
7	Loratadine bioavailability via buccal transferosomal gel: formulation, statistical optimization, <i>in vitro</i>/<i>in vivo</i> characterization, and pharmacokinetics in human volunteers. <i>Drug Delivery</i> , 2017, 24, 781-791.	2.5	38
8	Pharmacokinetics of Prophylactic Cefazolin in Parturients Undergoing Cesarean Delivery. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3504-3513.	1.4	37
9	Development of a nanogel formulation for transdermal delivery of tenoxicam: a pharmacokineticâ€”pharmacodynamic modeling approach for quantitative prediction of skin absorption. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 531-544.	0.9	36
10	Topical ketoprofen nanogel: artificial neural network optimization, clustered bootstrap validation, and <i>in vivo</i> activity evaluation based on longitudinal dose response modeling. <i>Drug Delivery</i> , 2016, 23, 3294-3306.	2.5	35
11	Pharmacokinetics and placental transfer of magnesium sulfate in pregnant women. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, 737.e1-737.e9.	0.7	34
12	Surface-Modified Bilosomes Nanogel Bearing a Natural Plant Alkaloid for Safe Management of Rheumatoid Arthritis Inflammation. <i>Pharmaceutics</i> , 2022, 14, 563.	2.0	28
13	Berberine Encapsulated Lecithinâ€”Chitosan Nanoparticles as Innovative Wound Healing Agent in Type II Diabetes. <i>Pharmaceutics</i> , 2021, 13, 1197.	2.0	27
14	Lipid Nanocarriers Overlaid with Chitosan for Brain Delivery of Berberine via the Nasal Route. <i>Pharmaceutics</i> , 2022, 15, 281.	1.7	27
15	Ondansetron Pharmacokinetics in Pregnant Women and Neonates: Towards a New Treatment for Neonatal Abstinence Syndrome. <i>Clinical Pharmacology and Therapeutics</i> , 2015, 97, 167-176.	2.3	26
16	Long-Acting Paliperidone Parenteral Formulations Based on Polycaprolactone Nanoparticles; the Influence of Stabilizer and Chitosan on In Vitro Release, Protein Adsorption, and Cytotoxicity. <i>Pharmaceutics</i> , 2020, 12, 160.	2.0	25
17	Quality by design (QbD) based development and validation of bioanalytical RP-HPLC method for dapagliflozin: Forced degradation and preclinical pharmacokinetic study. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 53-65.	0.5	24
18	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. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101304.	1.4	23

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19	Development and machine-learning optimization of mucoadhesive nanostructured lipid carriers loaded with fluconazole for treatment of oral candidiasis. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 246-258.	0.9	22
20	Development of novel dapagliflozin loaded solid self-nanoemulsifying oral delivery system: Physiochemical characterization and in vivo antidiabetic activity. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101279.	1.4	20
21	Antimicrobial Disposition During Pediatric Continuous Renal Replacement Therapy Using an Ex Vivo Model. <i>Critical Care Medicine</i> , 2019, 47, e767-e773.	0.4	18
22	Physically Optimized Nano-Lipid Carriers Augment Raloxifene and Vitamin D Oral Bioavailability in Healthy Humans for Management of Osteoporosis. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2145-2155.	1.6	17
23	Pharmacokinetics of Morphine and Its Metabolites in Infants and Young Children After Congenital Heart Surgery. <i>AAPS Journal</i> , 2016, 18, 124-133.	2.2	16
24	Pharmacokinetics of Dexmedetomidine in Infants and Children After Orthotopic Liver Transplantation. <i>Anesthesia and Analgesia</i> , 2020, 130, 209-216.	1.1	16
25	Antibiotic-Loaded Psyllium Husk Hemicellulose and Gelatin-Based Polymeric Films for Wound Dressing Application. <i>Pharmaceutics</i> , 2021, 13, 236.	2.0	15
26	Chitosan Silver and Gold Nanoparticle Formation Using Endophytic Fungi as Powerful Antimicrobial and Anti-Biofilm Potentialities. <i>Antibiotics</i> , 2022, 11, 668.	1.5	15
27	Optimization of Maternal Magnesium Sulfate Administration for Fetal Neuroprotection: Application of a Prospectively Constructed Pharmacokinetic Model to the BEAM Cohort. <i>Journal of Clinical Pharmacology</i> , 2017, 57, 1419-1424.	1.0	14
28	Development of Piperine-Loaded Solid Self-Nanoemulsifying Drug Delivery System: Optimization, In-Vitro, Ex-Vivo, and In-Vivo Evaluation. <i>Nanomaterials</i> , 2021, 11, 2920.	1.9	14
29	Intranasal Delivery of Granisetron to the Brain via Nanostructured Cubosomes-Based In Situ Gel for Improved Management of Chemotherapy-Induced Emesis. <i>Pharmaceutics</i> , 2022, 14, 1374.	2.0	14
30	Population pharmacokinetics of ketamine in children with heart disease. <i>International Journal of Pharmaceutics</i> , 2015, 478, 223-231.	2.6	13
31	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. <i>Pharmaceutics</i> , 2020, 12, 297.	2.0	12
32	Differential pharmacokinetic analysis of in vivo erythropoietin receptor interaction with erythropoietin and continuous erythropoietin receptor activator in sheep. <i>Biopharmaceutics and Drug Disposition</i> , 2011, 32, 276-288.	1.1	11
33	Population pharmacokinetics of etomidate in neonates and infants with congenital heart disease. <i>Biopharmaceutics and Drug Disposition</i> , 2015, 36, 104-114.	1.1	11
34	Pharmacodynamic Analysis of Morphine Time-to-Remedication Events in Infants and Young Children After Congenital Heart Surgery. <i>Clinical Pharmacokinetics</i> , 2016, 55, 1217-1226.	1.6	11
35	Pharmacokinetic Analysis of Continuous Erythropoietin Receptor Activator Disposition in Adult Sheep Using a Target-Mediated, Physiologic Recirculation Model and a Tracer Interaction Methodology. <i>Drug Metabolism and Disposition</i> , 2011, 39, 603-609.	1.7	10
36	Intratracheally Inhalable Nifedipine-Loaded Chitosan-PLGA Nanocomposites as a Promising Nanoplatfor for Lung Targeting: Snowballed Protection via Regulation of TGF- β 2/Catenin Pathway in Bleomycin-Induced Pulmonary Fibrosis. <i>Pharmaceutics</i> , 2021, 14, 1225.	1.7	9

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37	Arabinoxylan-Carboxymethylcellulose Composite Films for Antibiotic Delivery to Infected Wounds. <i>Polymers</i> , 2022, 14, 1769.	2.0	7
38	Comparison of three different concentrations of levobupivacaine for epidural labor analgesia: Clinical effect and pharmacokinetic profile. <i>Anesthesia: Essays and Researches</i> , 2018, 12, 60.	0.2	6
39	Fabrication and In Vitro/In Vivo Appraisal of Metronidazole Intra-Gastric Buoyant Sustained-Release Tablets in Healthy Volunteers. <i>Pharmaceutics</i> , 2022, 14, 863.	2.0	6
40	Role of ADMA/DDAH-1 and iNOS/eNOS signaling in the gastroprotective effect of tadalafil against indomethacin-induced gastric injury. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 113026.	2.5	6
41	Innovative pulmonary targeting of terbutaline sulfate-laded novasomes for non-invasive tackling of asthma: statistical optimization and comparative <i>in vitro</i> / <i>in vivo</i> evaluation. <i>Drug Delivery</i> , 2022, 29, 2058-2071.	2.5	6
42	The Influence of Solid/Solvent Interfacial Interactions on Physicochemical and Mechanical Properties of Ofloxacin. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 170-180.	1.1	5
43	Impact of highly phospholipid-containing lipid nanocarriers on oral bioavailability and pharmacodynamics performance of genistein. <i>Pharmaceutical Development and Technology</i> , 2022, 27, 435-447.	1.1	4
44	Assessment of Ketamine Adult Anesthetic Doses in Pediatrics Using Pharmacokinetic Modeling and Simulations. <i>Pharmacotherapy</i> , 2019, 39, 454-462.	1.2	3
45	LC/MS Profiling and Gold Nanoparticle Formulation of Major Metabolites from <i>Origanum majorana</i> as Antibacterial and Antioxidant Potentialities. <i>Plants</i> , 2022, 11, 1871.	1.6	3