Shuai Qian

List of Publications by Year in Descending Order

51 papers	904 citations	16 h-index	28 g-index
54 ext. papers	1,168 ext. citations	4.8 avg, IF	4.24 L-index

#	Paper	IF	Citations
51	Effect of Coformer Selection on In Vitro and In Vivo Performance of Adefovir Dipivoxil Cocrystals. *Pharmaceutical Research*, **2021**, 38, 1777-1791	4.5	0
50	Cocrystallization and Coamorphization for Druggability Enhancement of Chinese Medicines **2021**, 239-276		0
49	Mechanistic insight into gel-induced aggregation of amorphous curcumin during dissolution process.. *European Journal of Pharmaceutical Sciences*, **2021**, 170, 106083	5.1	0
48	Deaggregation and Crystallization Inhibition by Small Amount of Polymer Addition for a Co-Amorphous Curcumin-Magnolol System. *Pharmaceutics*, **2021**, 13,	6.4	2
47	Thermodynamic and kinetic studies on the polymorphic transformations of puerarin hydrates. *International Journal of Pharmaceutics*, **2021**, 597, 120374	6.5	0
46	Puerarin-Na Chelate Hydrate Simultaneously Improves Dissolution and Mechanical Behavior. *Molecular Pharmaceutics*, **2021**, 18, 2507-2520	5.6	0
45	Competitive cocrystallization and its application in the separation of flavonoids. *IUCrJ*, **2021**, 8, 195-207	4.7	0
44	Charge-assisted bond and molecular self-assembly drive the gelation of lenvatinib mesylate. *International Journal of Pharmaceutics*, **2021**, 607, 121019	6.5	0
43	Modification of hygroscopicity and tabletability of L-carnitine by a cocrystallization technique. *CrystEngComm*, **2021**, 23, 2138-2149	3.3	6
42	Improving Tabletability of Excipients by Metal-Organic Framework-Based Cocrystallization: a Study of Mannitol and CaCl. *Pharmaceutical Research*, **2020**, 37, 130	4.5	5
41	Incorporation of Complexation into a Coamorphous System Dramatically Enhances Dissolution and Eliminates Gelation of Amorphous Lurasidone Hydrochloride. *Molecular Pharmaceutics*, **2020**, 17, 84-97	5.6	13
40	Co-amorphous systems for the delivery of poorly water-soluble drugs: recent advances and an update. *Expert Opinion on Drug Delivery*, **2020**, 17, 1411-1435	8	18
39	Coamorphization combined with complexation enhances dissolution of lurasidone hydrochloride and puerarin with synchronized release. *International Journal of Pharmaceutics*, **2020**, 588, 119793	6.5	4
38	Gel Formation Induced Slow Dissolution of Amorphous Indomethacin. *Pharmaceutical Research*, **2019**, 36, 159	4.5	8
37	Identification of novel adefovir dipivoxil-saccharin cocrystal polymorphs and their thermodynamic polymorphic transformations. *International Journal of Pharmaceutics*, **2019**, 566, 361-370	6.5	7
36	Effects of Temperature and Ionic Strength of Dissolution Medium on the Gelation of Amorphous Lurasidone Hydrochloride. *Pharmaceutical Research*, **2019**, 36, 72	4.5	5
35	Cubosomes with surface cross-linked chitosan exhibit sustained release and bioavailability enhancement for vinpocetine.. *RSC Advances*, **2019**, 9, 6287-6298	3.7	15

34	A novel drug-drug coamorphous system without molecular interactions: improve the physicochemical properties of tadalafil and repaglinide.. *RSC Advances*, **2019**, 10, 565-583	3.7	16
33	Further enhanced dissolution and oral bioavailability of docetaxel by coamorphization with a natural P-gp inhibitor myricetin. *European Journal of Pharmaceutical Sciences*, **2019**, 129, 21-30	5.1	19
32	Identification of a Novel Hybridization from Isosorbide 5-Mononitrate and Bardoxolone Methyl with Dual Activities of Pulmonary Vasodilation and Vascular Remodeling Inhibition on Pulmonary Arterial Hypertension Rats. *Journal of Medicinal Chemistry*, **2018**, 61, 1474-1482	8.3	14
31	Gel formation of puerarin and mechanistic study during its cooling process. *International Journal of Pharmaceutics*, **2018**, 548, 625-635	6.5	16
30	Characterization and Stability of Amorphous Tadalafil and Four Crystalline Polymorphs. *Chemical and Pharmaceutical Bulletin*, **2018**, 66, 1114-1121	1.9	9
29	Mechanistic Study on Complexation-Induced Spring and Hover Dissolution Behavior of Ibuprofen-Nicotinamide Cocrystal. *Crystal Growth and Design*, **2018**, 18, 7343-7355	3.5	20
28	Intranasal delivery of a novel acetylcholinesterase inhibitor HLS-3 for treatment of Alzheimer's disease. *Life Sciences*, **2018**, 207, 428-435	6.8	14
27	Enhanced oral bioavailability of docetaxel in rats combined with myricetin: In situ and in vivo evidences. *European Journal of Pharmaceutical Sciences*, **2017**, 101, 71-79	5.1	9
26	Charge-assisted bond NH mediates the gelation of amorphous lurasidone hydrochloride during dissolution. *International Journal of Pharmaceutics*, **2017**, 518, 335-341	6.5	14
25	Preparation and Physicochemical and Pharmacokinetic Characterization of Ginkgo Lactone Nanosuspensions for Antiplatelet Aggregation. *Journal of Pharmaceutical Sciences*, **2016**, 105, 242-9	3.9	17
24	Improvement of the Pharmacological Properties of Maize RIP by Cysteine-Specific PEGylation. *Toxins*, **2016**, 8,	4.9	2
23	Charge-assisted intermolecular hydrogen bond formed in coamorphous system is important to relieve the pH-dependent solubility behavior of lurasidone hydrochloride. *RSC Advances*, **2016**, 6, 106396-106412	3.7	17
22	Zolpidem Mucoadhesive Formulations for Intranasal Delivery: Characterization, In Vitro Permeability, Pharmacokinetics, and Nasal Ciliotoxicity in Rats. *Journal of Pharmaceutical Sciences*, **2016**, 105, 2840-2847	3.9	11
21	Pharmacokinetics and brain uptake of HIV-1 replication inhibitor DB213 in Sprague-Dawley rats. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 125, 41-7	3.5	10
20	Coamorphous Lurasidone Hydrochloride–Saccharin with Charge-Assisted Hydrogen Bonding Interaction Shows Improved Physical Stability and Enhanced Dissolution with pH-Independent Solubility Behavior. *Crystal Growth and Design*, **2015**, 15, 2920-2928	3.5	80
19	Pharmacokinetic comparison between the long-term anesthetized, short-term anesthetized and conscious rat models in nasal drug delivery. *Pharmaceutical Research*, **2014**, 31, 2107-23	4.5	9
18	Synthesis, biological activity, and biopharmaceutical characterization of tacrine dimers as acetylcholinesterase inhibitors. *International Journal of Pharmaceutics*, **2014**, 477, 442-53	6.5	21
17	Sustained release and enhanced bioavailability of injectable scutellarin-loaded bovine serum albumin nanoparticles. *International Journal of Pharmaceutics*, **2014**, 476, 142-8	6.5	33

16	Improved brain uptake of peptide-based CNS drugs via alternative routes of administrations of its nanocarrier delivery systems: a promising strategy for CNS targeting delivery of peptides. *Expert Opinion on Drug Metabolism and Toxicology*, **2014**, 10, 1491-508	5.5	9
15	The effects of Glycyrrhizae uralenis and its major bioactive components on pharmacokinetics of daphnetin in Cortex daphnes in rats. *Journal of Ethnopharmacology*, **2014**, 154, 584-92	5	8
14	Development, characterization and application of in situ gel systems for intranasal delivery of tacrine. *International Journal of Pharmaceutics*, **2014**, 468, 272-82	6.5	73
13	Bioavailability enhancement of glucosamine hydrochloride by chitosan. *International Journal of Pharmaceutics*, **2013**, 455, 365-73	6.5	29
12	Compound coverage enhancement of electrospray ionization mass spectrometry through the addition of a homemade needle. *Analyst, The*, **2013**, 138, 1772-8	5	4
11	Characterization of two polymorphs of lornoxicam. *Journal of Pharmacy and Pharmacology*, **2013**, 65, 44-52	4.8	9
10	Preparation of apigenin nanocrystals using supercritical antisolvent process for dissolution and bioavailability enhancement. *European Journal of Pharmaceutical Sciences*, **2013**, 48, 740-7	5.1	80
9	Pharmacokinetics and brain dispositions of tacrine and its major bioactive monohydroxylated metabolites in rats. *Journal of Pharmaceutical and Biomedical Analysis*, **2012**, 61, 57-63	3.5	15
8	Biopharmaceutics classification and intestinal absorption study of apigenin. *International Journal of Pharmaceutics*, **2012**, 436, 311-7	6.5	101
7	Coformer selection based on degradation pathway of drugs: a case study of adefovir dipivoxil-saccharin and adefovir dipivoxil-nicotinamide cocrystals. *International Journal of Pharmaceutics*, **2012**, 438, 327-35	6.5	53
6	Regioselective biotransformation of CNS drugs and its clinical impact on adverse drug reactions. *Expert Opinion on Drug Metabolism and Toxicology*, **2012**, 8, 833-54	5.5	12
5	Meclizine metabolism and pharmacokinetics: formulation on its absorption. *Journal of Clinical Pharmacology*, **2012**, 52, 1343-9	2.9	25
4	Pharmacokinetics and disposition of various drug loaded liposomes. *Current Drug Metabolism*, **2012** , 13, 372-95	3.5	21
3	Physicochemical and pharmacokinetic characterization of a spray-dried malotilate emulsion. *International Journal of Pharmaceutics*, **2011**, 414, 186-92	6.5	12
2	Quantification of meclizine in human plasma by high performance liquid chromatography-mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2011**, 879, 95-9	3.2	13
1	Physicochemical and pharmacokinetic characterization of a spray-dried cefpodoxime proxetil nanosuspension. *Chemical and Pharmaceutical Bulletin*, **2010**, 58, 912-7	1.9	26