

Xu Liu

List of Publications by Year in descending order

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papers

874
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516215

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times ranked

1254
citing authors

#	ARTICLE	IF	CITATIONS
1	PB@PDA@Ag nanosystem for synergistically eradicating MRSA and accelerating diabetic wound healing assisted with laser irradiation. <i>Biomaterials</i> , 2020, 243, 119936.	5.7	153
2	Improving the Chemical Stability of Amorphous Solid Dispersion with Cocrystal Technique by Hot Melt Extrusion. <i>Pharmaceutical Research</i> , 2012, 29, 806-817.	1.7	144
3	Characterization of amorphous solid dispersions. <i>Journal of Pharmaceutical Investigation</i> , 2018, 48, 19-41.	2.7	69
4	An injectable peptide hydrogel with excellent self-healing ability to continuously release salvianolic acid B for myocardial infarction. <i>Biomaterials</i> , 2021, 274, 120855.	5.7	47
5	Influence of mechanical and thermal energy on nifedipine amorphous solid dispersions prepared by hot melt extrusion: Preparation and physical stability. <i>International Journal of Pharmaceutics</i> , 2019, 561, 324-334.	2.6	44
6	Metabolomics study of the therapeutic mechanism of Schisandra Chinensis lignans in diet-induced hyperlipidemia mice. <i>Lipids in Health and Disease</i> , 2017, 16, 145.	1.2	40
7	The utilization of drug-polymer interactions for improving the chemical stability of hot-melt extruded solid dispersions. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 285-296.	1.2	39
8	Reactive Melt Extrusion To Improve the Dissolution Performance and Physical Stability of Naproxen Amorphous Solid Dispersions. <i>Molecular Pharmaceutics</i> , 2017, 14, 658-673.	2.3	37
9	Clay-Polymer Nanocomposites Prepared by Reactive Melt Extrusion for Sustained Drug Release. <i>Pharmaceutics</i> , 2020, 12, 51.	2.0	27
10	Influence of lidocaine forms (salt vs. freebase) on properties of drug-eudragit® L100-55 extrudates prepared by reactive melt extrusion. <i>International Journal of Pharmaceutics</i> , 2018, 547, 291-302.	2.6	25
11	Application of Hot Melt Extrusion for Poorly Water-Soluble Drugs: Limitations, Advances and Future Prospects. <i>Current Pharmaceutical Design</i> , 2014, 20, 369-387.	0.9	23
12	Epigallocatechin-3-gallate ameliorates glucolipid metabolism and oxidative stress in type 2 diabetic rats. <i>Diabetes and Vascular Disease Research</i> , 2020, 17, 147916412096699.	0.9	21
13	Otic drug delivery systems: formulation principles and recent developments. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1395-1408.	0.9	19
14	Cardioprotective effects and pharmacokinetic properties of a controlled release formulation of a novel hydrogen sulfide donor in rats with acute myocardial infarction. <i>Bioscience Reports</i> , 2015, 35, .	1.1	18
15	Morphological transformation enhances Tumor Retention by Regulating the Self-assembly of Doxorubicin-peptide Conjugates. <i>Theranostics</i> , 2020, 10, 8162-8178.	4.6	18
16	Influence of Carbamazepine Dihydrate on the Preparation of Amorphous Solid Dispersions by Hot Melt Extrusion. <i>Pharmaceutics</i> , 2020, 12, 379.	2.0	16
17	Pharmacokinetics and distribution of schisandrol A and its major metabolites in rats. <i>Xenobiotica</i> , 2019, 49, 322-331.	0.5	15
18	Hyaluronic acid-shelled, peptide drug conjugate-cored nanomedicine for the treatment of hepatocellular carcinoma. <i>Materials Science and Engineering C</i> , 2020, 117, 111261.	3.8	15

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19	Citronellal ameliorates doxorubicin-induced hepatotoxicity via antioxidative stress, antiapoptosis, and proangiogenesis in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22639.	1.4	15
20	Rapid characterization of the chemical constituents and rat metabolites of the Wenjing decoction by ultra high performance liquid chromatography coupled with electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Separation Science</i> , 2019, 42, 1174-1193.	1.3	13
21	Hierarchical pulmonary target nanoparticles <i>in vivo</i> inhaled administration for anticancer drug delivery. <i>Drug Delivery</i> , 2017, 24, 1191-1203.	2.5	11
22	ZIP12 Contributes to Hypoxic Pulmonary Hypertension by Driving Phenotypic Switching of Pulmonary Artery Smooth Muscle Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2022, 79, 235-243.	0.8	8
23	Citronellal alleviates doxorubicin-induced cardiotoxicity by suppressing oxidative stress and apoptosis via Na ⁺ /H ⁺ exchanger inhibition. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e22971.	1.4	8
24	Isolation, Characterization, and Possible Anti-Alzheimer's Disease Activities of Bisabolane Type Sesquiterpenoid Derivatives and Phenolics from the Rhizomes of <i>Curcuma longa</i> . <i>Chemistry and Biodiversity</i> , 2020, 17, e2000067.	1.0	7
25	Polyoxygenated sesquiterpenoids from <i>Salvia castanea</i> and their potential anti-Alzheimer's disease bioactivities. <i>Fytotherapy</i> , 2021, 151, 104867.	1.1	7
26	Effects of oral cimetidine on the reproductive system of male rats. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 4643-4650.	0.8	6
27	Ofloxacin-loaded HMPB NPs for <i>Klebsiella pneumoniae</i> eradication in the surgical wound with the combination of PTT. <i>Biotechnology and Bioengineering</i> , 2022, 119, 1949-1964.	1.7	6
28	Co-Crystal of Rosiglitazone With Berberine Ameliorates Hyperglycemia and Insulin Resistance Through the PI3K/AKT/TXNIP Pathway In Vivo and In Vitro. <i>Frontiers in Pharmacology</i> , 2022, 13, 842879.	1.6	6
29	Diterpenoids and C13 Nor-Isoprenoid Identified From the Leaves and Twigs of <i>Croton yanhuii</i> Activating Apoptosis and Pyroptosis. <i>Frontiers in Chemistry</i> , 2022, 10, 861278.	1.8	5
30	The preparation of felodipine/zein amorphous solid dispersions and <i>in vitro</i> evaluation using a dynamic gastrointestinal system. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 1226-1237.	1.1	4
31	Validation and Application of an Ultra High-Performance Liquid Chromatography Tandem Mass Spectrometry Method for Yuanhuacine Determination in Rat Plasma after Pulmonary Administration: Pharmacokinetic Evaluation of a New Drug Delivery System. <i>Molecules</i> , 2016, 21, 1733.	1.7	3
32	Systematic profiling of staralog response to acquired drug resistant kinase gatekeeper mutations in targeted cancer therapy. <i>Amino Acids</i> , 2020, 52, 511-521.	1.2	3
33	A new highly oxygenated germacranolide from <i>Carpesium nepalense</i> var. <i>lanatum</i> (C.B. Clarke) Kitam. <i>Natural Product Research</i> , 2022, 36, 2306-2313.	1.0	2
34	Screening of and mechanism underlying the action of serum- and glucocorticoid-regulated kinase 3-targeted drugs against estrogen receptor-positive breast cancer. <i>European Journal of Pharmacology</i> , 2022, , 174982.	1.7	0