

Chuan Li

List of Publications by Year in descending order

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68
papers

3,196
citations

136740

32
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155451

55
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71
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71
docs citations

71
times ranked

2953
citing authors

#	ARTICLE	IF	CITATIONS
1	Absorption and Disposition of Ginsenosides after Oral Administration of <i>Panax notoginseng</i> Extract to Rats. <i>Drug Metabolism and Disposition</i> , 2009, 37, 2290-2298.	1.7	334
2	Safety, pharmacokinetics, and antitumor properties of anlotinib, an oral multi-target tyrosine kinase inhibitor, in patients with advanced refractory solid tumors. <i>Journal of Hematology and Oncology</i> , 2016, 9, 105.	6.9	302
3	Absorption, Disposition, and Pharmacokinetics of Saponins from Chinese Medicinal Herbs: What Do We Know and What Do We Need to Know More?. <i>Current Drug Metabolism</i> , 2012, 13, 577-598.	0.7	132
4	Thermal energy charging behaviour of a heat exchange device with a zigzag plate configuration containing multi-phase-change-materials (m-PCMs). <i>Applied Energy</i> , 2015, 142, 328-336.	5.1	124
5	Plasma and Urinary Tanshinol from <i>Salvia miltiorrhiza</i> (Danshen) Can Be Used as Pharmacokinetic Markers for Cardiotonic Pills, a Cardiovascular Herbal Medicine. <i>Drug Metabolism and Disposition</i> , 2008, 36, 1578-1586.	1.7	121
6	Thermodynamic study on the effect of cold and heat recovery on performance of liquid air energy storage. <i>Applied Energy</i> , 2018, 221, 86-99.	5.1	118
7	A review of performance investigation and enhancement of shell and tube thermal energy storage device containing molten salt based phase change materials for medium and high temperature applications. <i>Applied Energy</i> , 2019, 255, 113806.	5.1	111
8	Flexible integration of liquid air energy storage with liquefied natural gas regasification for power generation enhancement. <i>Applied Energy</i> , 2019, 251, 113355.	5.1	107
9	Liquid air energy storage flexibly coupled with LNG regasification for improving air liquefaction. <i>Applied Energy</i> , 2019, 250, 1190-1201.	5.1	96
10	Transport and metabolism of flavonoids from Chinese herbal remedy Xiaochaihu-tang across human intestinal Caco-2 cell monolayers. <i>Acta Pharmacologica Sinica</i> , 2008, 29, 1086-1093.	2.8	77
11	Thermal energy storage: Challenges and the role of particle technology. <i>Particuology</i> , 2014, 15, 2-8.	2.0	69
12	Systemic and cerebral exposure to and pharmacokinetics of flavonols and terpene lactones after dosing standardized <i>Ginkgo biloba</i> leaf extracts to rats via different routes of administration. <i>British Journal of Pharmacology</i> , 2013, 170, 440-457.	2.7	67
13	Active cooling based battery thermal management using composite phase change materials. <i>Energy Procedia</i> , 2019, 158, 4933-4940.	1.8	66
14	Combinatorial Metabolism Notably Affects Human Systemic Exposure to Ginsenosides from Orally Administered Extract of <i>Panax notoginseng</i> Roots (Sanqi). <i>Drug Metabolism and Disposition</i> , 2013, 41, 1457-1469.	1.7	63
15	Molecular mechanisms governing different pharmacokinetics of ginsenosides and potential for ginsenoside-perpetrated herb-drug interactions on OATP1B3. <i>British Journal of Pharmacology</i> , 2015, 172, 1059-1073.	2.7	53
16	MgO based composite phase change materials for thermal energy storage: The effects of MgO particle density and size on microstructural characteristics as well as thermophysical and mechanical properties. <i>Applied Energy</i> , 2019, 250, 81-91.	5.1	51
17	Pharmacokinetics and disposition of monoterpene glycosides derived from <i>Paeonia lactiflora</i> roots (Chishao) after intravenous dosing of antiseptic XueBijing injection in human subjects and rats. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 530-544.	2.8	50
18	Investigation on the thermal performance of a high temperature packed bed thermal energy storage system containing carbonate salt based composite phase change materials. <i>Applied Energy</i> , 2019, 247, 374-388.	5.1	49

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19	Pharmacokinetics and disposition of anlotinib, an oral tyrosine kinase inhibitor, in experimental animal species. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1048-1063.	2.8	48
20	Simultaneous determination of ginkgo flavonoids and terpenoids in plasma: Ammonium formate in LC mobile phase enhancing electrospray ionization efficiency and capacity. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 445-449.	1.2	47
21	Sensitive assay for measurement of volatile borneol, isoborneol, and the metabolite camphor in rat pharmacokinetic study of <i>Borneolum</i> (Bingpian) and <i>Borneolum syntheticum</i> (synthetic Bingpian). <i>Acta Pharmacologica Sinica</i> , 2013, 34, 1337-1348.	2.8	47
22	Comparative study of the transient natural convection in an underground water pit thermal storage. <i>Applied Energy</i> , 2017, 208, 1162-1173.	5.1	47
23	Carbonate salt based composite phase change materials for medium and high temperature thermal energy storage: A microstructural study. <i>Solar Energy Materials and Solar Cells</i> , 2019, 196, 25-35.	3.0	47
24	Metabolic capabilities of cytochrome P450 enzymes in Chinese liver microsomes compared with those in Caucasian liver microsomes. <i>British Journal of Clinical Pharmacology</i> , 2012, 73, 268-284.	1.1	44
25	Pharmacokinetics-Based Identification of Potential Therapeutic Phthalides from XueBijing, a Chinese Herbal Injection Used in Sepsis Management. <i>Drug Metabolism and Disposition</i> , 2018, 46, 823-834.	1.7	40
26	Systemic Exposure to and Disposition of Catechols Derived from <i>Salvia miltiorrhiza</i> Roots (Danshen) after Intravenous Dosing DanHong Injection in Human Subjects, Rats, and Dogs. <i>Drug Metabolism and Disposition</i> , 2015, 43, 679-690.	1.7	39
27	Heat transfer performance of thermal energy storage components containing composite phase change materials. <i>IET Renewable Power Generation</i> , 2016, 10, 1515-1522.	1.7	37
28	Pharmacokinetics of catechols in human subjects intravenously receiving XueBijing injection, an emerging antiseptic herbal medicine. <i>Drug Metabolism and Pharmacokinetics</i> , 2016, 31, 95-98.	1.1	37
29	Intestinal Absorption and Presystemic Elimination of Various Chemical Constituents Present in GBE50 Extract, a Standardized Extract of <i>Ginkgo biloba</i> Leaves. <i>Current Drug Metabolism</i> , 2012, 13, 494-509.	0.7	37
30	Rapid and direct measurement of free concentrations of highly protein-bound fluoxetine and its metabolite norfluoxetine in plasma. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 39-47.	0.7	36
31	Renal Tubular Secretion of Tanshinol: Molecular Mechanisms, Impact on Its Systemic Exposure, and Propensity for Dose-Related Nephrotoxicity and for Renal Herb-Drug Interactions. <i>Drug Metabolism and Disposition</i> , 2015, 43, 669-678.	1.7	34
32	Heat transfer of composite phase change material modules containing a eutectic carbonate salt for medium and high temperature thermal energy storage applications. <i>Applied Energy</i> , 2019, 238, 1074-1083.	5.1	34
33	Diatomite-based porous ceramics with high apparent porosity: Pore structure modification using calcium carbonate. <i>Ceramics International</i> , 2019, 45, 6085-6092.	2.3	34
34	Wettability of eutectic NaLiCO ₃ salt on magnesium oxide substrates at 778 K. <i>Applied Surface Science</i> , 2018, 442, 148-155.	3.1	31
35	Danhong injection mobilizes endothelial progenitor cells to repair vascular endothelium injury via upregulating the expression of Akt, eNOS and MMP-9. <i>Phytomedicine</i> , 2019, 61, 152850.	2.3	31
36	Human pharmacokinetics of ginkgo terpene lactones and impact of carboxylation in blood on their platelet-activating factor antagonistic activity. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1935-1946.	2.8	30

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37	Carbonate salt based composite phase change materials for medium and high temperature thermal energy storage: From component to device level performance through modelling. <i>Renewable Energy</i> , 2019, 140, 140-151.	4.3	29
38	Investigation on the effective thermal conductivity of carbonate salt based composite phase change materials for medium and high temperature thermal energy storage. <i>Energy</i> , 2019, 176, 728-741.	4.5	28
39	High degree of pharmacokinetic compatibility exists between the five-herb medicine XueBijing and antibiotics comedicated in sepsis care. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 1035-1049.	5.7	27
40	$\text{LC}^{\text{electrolyte effects}}$ ™ improve the bioanalytical performance of liquid chromatography/tandem mass spectrometric assays in supporting pharmacokinetic study for drug discovery. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2573-2584.	0.7	26
41	Oral bioavailability and brain penetration of (\sim) stepholidine , a tetrahydroprotoberberine agonist at dopamine D ₁ and antagonist at D ₂ receptors, in rats. <i>British Journal of Pharmacology</i> , 2009, 158, 1302-1312.	2.7	26
42	A Form Stable Composite Phase Change Material for Thermal Energy Storage Applications over 700 °C. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 814.	1.3	24
43	Multiple circulating saponins from intravenous ShenMai inhibit OATP1Bs in vitro: potential joint precipitants of drug interactions. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 833-849.	2.8	24
44	A novel expander-depending natural gas pressure regulation configuration: Performance analysis. <i>Applied Energy</i> , 2018, 220, 21-35.	5.1	23
45	Numerical and experimental study of particle deposition on inner wall of 180° bend. <i>Powder Technology</i> , 2013, 237, 241-254.	2.1	20
46	Glycyrrhizin has a high likelihood to be a victim of drug-drug interactions mediated by hepatic organic anion-transporting polypeptide 1B1/1B3. <i>British Journal of Pharmacology</i> , 2018, 175, 3486-3503.	2.7	20
47	Pharmacokinetics-based identification of pseudoaldosterogenic compounds originating from <i>Glycyrrhiza uralensis</i> roots (Gancao) after dosing LianhuaQingwen capsule. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 2155-2172.	2.8	20
48	S-Adenosyl-L-homocysteine Hydrolase Inactivation Curtails Ovalbumin-Induced Immune Responses. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 1229-1237.	1.3	19
49	Pharmacokinetics and Disposition of Circulating Iridoids and Organic Acids in Rats Intravenously Receiving ReDuNing Injection. <i>Drug Metabolism and Disposition</i> , 2016, 44, 1853-1858.	1.7	19
50	Intravenous formulation of <i>Panax notoginseng</i> root extract: human pharmacokinetics of ginsenosides and potential for perpetrating drug interactions. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1351-1363.	2.8	19
51	Heat transfer enhancement of a molten salt parabolic trough solar receiver with concentric and eccentric pipe inserts. <i>Energy Procedia</i> , 2017, 142, 624-629.	1.8	15
52	Methylation and its role in the disposition of tanshinol, a cardiovascular carboxylic catechol from <i>Salvia miltiorrhiza</i> roots (Danshen). <i>Acta Pharmacologica Sinica</i> , 2015, 36, 627-643.	2.8	14
53	Accurate determination of the anticancer prodrug simmitemcan and its active metabolite chimmitecan in various plasma samples based on immediate deactivation of blood carboxylesterases. <i>Journal of Chromatography A</i> , 2011, 1218, 6646-6653.	1.8	13
54	Influences of the key characteristic parameters on the thermal performance of a water pit seasonal thermal storage. <i>Energy Procedia</i> , 2017, 142, 495-500.	1.8	13

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55	Comparison of intramuscular and intravenous pharmacokinetics of ginsenosides in humans after dosing XueShuanTong, a lyophilized extract of Panax notoginseng roots. Journal of Ethnopharmacology, 2020, 253, 112658.	2.0	13
56	Formulation and Characterisation of Ternary Salt Based Solutions as Phase Change Materials for Cold Chain Applications. Energy Procedia, 2019, 158, 5103-5108.	1.8	12
57	Editorial [Hot Topic: Absorption, Disposition, and Pharmacokinetics of Herbal Medicines: What and How? (Guest Editor: Chuan Li)]. Current Drug Metabolism, 2012, 13, 491-493.	0.7	11
58	Liquid Air Energy Storage with LNG cold recovery for air liquefaction improvement. Energy Procedia, 2019, 158, 4759-4764.	1.8	11
59	Investigation on transient cooling process in a water heat storage tank with inclined sidewalls. Energy Procedia, 2017, 142, 142-147.	1.8	10
60	Novel assays for quality evaluation of XueBijing: Quality variability of a Chinese herbal injection for sepsis management. Journal of Pharmaceutical Analysis, 2022, 12, 664-682.	2.4	10
61	Evaluation of thermal performance in cold storage applications using EG-water based nano-composite PCMs. Energy Procedia, 2019, 158, 4840-4845.	1.8	9
62	A novel high temperature electrical storage heater using an inorganic salt based composite phase change material. Energy Storage, 2019, 1, e88.	2.3	7
63	Design of composite materials/devices for thermal storage “A critical review. Veruscript Functional Nanomaterials, 2018, 2, 1-28.	0.2	7
64	Effects of MgO particle size and density on microstructure development of MgO based composite phase change materials. Energy Procedia, 2019, 158, 4517-4522.	1.8	5
65	Composite phase change materials for thermal energy storage: From molecular modelling based formulation to innovative manufacture. Energy Procedia, 2019, 158, 4510-4516.	1.8	3
66	Assay development for determination of DZ2002, a new reversible SAHH inhibitor, and its acid metabolite DZA in blood and application to rat pharmacokinetic study. Journal of Pharmaceutical Analysis, 2019, 9, 25-33.	2.4	3
67	Molecular Basis Underlying Hepatobiliary and Renal Excretion of Phenolic Acids of Salvia miltiorrhiza Roots (Danshen). Frontiers in Pharmacology, 2022, 13, .	1.6	2
68	Rheological behaviour and aggregation kinetics of EG/water based MCNT nano-suspension for sub-zero temperature cold storage. Energy Procedia, 2019, 158, 4846-4851.	1.8	1