

Chuan Li

List of Publications by Year in descending order

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68
papers

3,196
citations

136740

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155451

55
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71
all docs

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docs citations

71
times ranked

2953
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel assays for quality evaluation of XueBijing: Quality variability of a Chinese herbal injection for sepsis management. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 664-682.	2.4	10
2	Molecular Basis Underlying Hepatobiliary and Renal Excretion of Phenolic Acids of <i>Salvia miltiorrhiza</i> Roots (Danshen). <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	2
3	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
4	Comparison of intramuscular and intravenous pharmacokinetics of ginsenosides in humans after dosing XueShuanTong, a lyophilized extract of <i>Panax notoginseng</i> roots. <i>Journal of Ethnopharmacology</i> , 2020, 253, 112658.	2.0	13
5	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
6	A novel high temperature electrical storage heater using an inorganic salt based composite phase change material. <i>Energy Storage</i> , 2019, 1, e88.	2.3	7
7	Composite phase change materials for thermal energy storage: From molecular modelling based formulation to innovative manufacture. <i>Energy Procedia</i> , 2019, 158, 4510-4516.	1.8	3
8	Formulation and Characterisation of Ternary Salt Based Solutions as Phase Change Materials for Cold Chain Applications. <i>Energy Procedia</i> , 2019, 158, 5103-5108.	1.8	12
9	Active cooling based battery thermal management using composite phase change materials. <i>Energy Procedia</i> , 2019, 158, 4933-4940.	1.8	66
10	Liquid Air Energy Storage with LNG cold recovery for air liquefaction improvement. <i>Energy Procedia</i> , 2019, 158, 4759-4764.	1.8	11
11	Rheological behaviour and aggregation kinetics of EG/water based MCNT nano-suspension for sub-zero temperature cold storage. <i>Energy Procedia</i> , 2019, 158, 4846-4851.	1.8	1
12	Evaluation of thermal performance in cold storage applications using EG-water based nano-composite PCMs. <i>Energy Procedia</i> , 2019, 158, 4840-4845.	1.8	9
13	Effects of MgO particle size and density on microstructure development of MgO based composite phase change materials. <i>Energy Procedia</i> , 2019, 158, 4517-4522.	1.8	5
14	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
15	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
16	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
17	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
18	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

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19	Liquid air energy storage flexibly coupled with LNG regasification for improving air liquefaction. <i>Applied Energy</i> , 2019, 250, 1190-1201.	5.1	96
20	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
21	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
22	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
23	A Form Stable Composite Phase Change Material for Thermal Energy Storage Applications over 700 Å°C. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 814.	1.3	24
24	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
25	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
26	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
27	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
28	Assay development for determination of DZ2002, a new reversible SAHH inhibitor, and its acid metabolite DZA in blood and application to rat pharmacokinetic study. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 25-33.	2.4	3
29	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
30	Wettability of eutectic NaLiCO ₃ salt on magnesium oxide substrates at 778â€°K. <i>Applied Surface Science</i> , 2018, 442, 148-155.	3.1	31
31	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
32	A novel expander-depending natural gas pressure regulation configuration: Performance analysis. <i>Applied Energy</i> , 2018, 220, 21-35.	5.1	23
33	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
34	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
35	Glycyrrhizin has a high likelihood to be a victim of drugâ€“drug interactions mediated by hepatic organic anionâ€“transporting polypeptide 1B1/1B3. <i>British Journal of Pharmacology</i> , 2018, 175, 3486-3503.	2.7	20
36	Design of composite materials/devices for thermal storage â€“ A critical review. <i>Veruscript Functional Nanomaterials</i> , 2018, 2, 1-28.	0.2	7

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37	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
38	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
39	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
40	Investigation on transient cooling process in a water heat storage tank with inclined sidewalls. <i>Energy Procedia</i> , 2017, 142, 142-147.	1.8	10
41	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
42	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
43	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
44	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
45	Pharmacokinetics of catechols in human subjects intravenously receiving XueBiling injection, an emerging antiseptic herbal medicine. <i>Drug Metabolism and Pharmacokinetics</i> , 2016, 31, 95-98.	1.1	37
46	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
47	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
48	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
49	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
50	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
51	Thermal energy storage: Challenges and the role of particle technology. <i>Particuology</i> , 2014, 15, 2-8.	2.0	69
52	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
53	Numerical and experimental study of particle deposition on inner wall of 180° bend. <i>Powder Technology</i> , 2013, 237, 241-254.	2.1	20
54	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

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55	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
56	Editorial [Hot Topic: Absorption, Disposition, and Pharmacokinetics of Herbal Medicines: What and How? (Guest Editor: Chuan Li)]. <i>Current Drug Metabolism</i> , 2012, 13, 491-493.	0.7	11
57	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
58	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
59	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
60	Accurate determination of the anticancer prodrug simmitemcan and its active metabolite chimmitemcan in various plasma samples based on immediate deactivation of blood carboxylesterases. <i>Journal of Chromatography A</i> , 2011, 1218, 6646-6653.	1.8	13
61	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
62	Oral bioavailability and brain penetration of (S)-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
63	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
64	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
65	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
66	LC-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
67	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
68	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