

De-Wei Shang

List of Publications by Year in descending order

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52
papers

1,025
citations

686830

13
h-index

454577

30
g-index

52
all docs

52
docs citations

52
times ranked

1515
citing authors

#	ARTICLE	IF	CITATIONS
1	A Simple and Sensitive HPLC-MS/MS Assay for the Quantitation of Blonanserin and N-Desethyl Blonanserin in Rat Plasma and Its Application to Pharmacokinetic Study. <i>Journal of Analytical Methods in Chemistry</i> , 2022, 2022, 1-9.	0.7	0
2	Development of mass spectrometry-based relatively quantitative targeted method for amino acids and neurotransmitters: Applications in the diagnosis of major depression. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113773.	1.4	17
3	A machine learning approach to personalized dose adjustment of lamotrigine using noninvasive clinical parameters. <i>Scientific Reports</i> , 2021, 11, 5568.	1.6	21
4	Role of serum amitriptyline concentration and CYP2C19 polymorphism in predicting the response to low-dose amitriptyline in irritable bowel syndrome. <i>Digestive and Liver Disease</i> , 2021, 53, 1422-1427.	0.4	1
5	Bone-Derived Modulators That Regulate Brain Function: Emerging Therapeutic Targets for Neurological Disorders. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 683457.	1.8	9
6	Comprehensive Bibliometric Analysis of the Kynurenine Pathway in Mood Disorders: Focus on Gut Microbiota Research. <i>Frontiers in Pharmacology</i> , 2021, 12, 687757.	1.6	27
7	Case Report: Predicting the Range of Lamotrigine Concentration Using Pharmacokinetic Models Based on Monte Carlo Simulation: A Case Study of Antiepileptic Drug-Related Leukopenia. <i>Frontiers in Pharmacology</i> , 2021, 12, 706329.	1.6	3
8	What to Do About Missed Doses? A Retrospective Study of Olanzapine in the Elderly. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 3411-3423.	2.0	8
9	Modeling and Simulation for Individualized Therapy of Amisulpride in Chinese Patients with Schizophrenia: Focus on Interindividual Variability, Therapeutic Reference Range and the Laboratory Alert Level. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 3903-3913.	2.0	6
10	Combining Metabolomics and Interpretable Machine Learning to Reveal Plasma Metabolic Profiling and Biological Correlates of Alcohol-Dependent Inpatients: What About Tryptophan Metabolism Regulation?. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 760669.	1.6	3
11	A Retrospective Analysis of Steady-State Olanzapine Concentrations in Chinese Patients Using Therapeutic Drug Monitoring: Effects of Valproate and Other Factors. <i>Therapeutic Drug Monitoring</i> , 2020, 42, 636-642.	1.0	14
12	Development and Validation of a Hydrophilic Interaction Liquid Chromatography Tandem Mass Spectrometry Method for the Determination of Asparagine in Human Serum. <i>International Journal of Analytical Chemistry</i> , 2020, 2020, 1-9.	0.4	0
13	A systematic review and combined meta-analysis of concentration of oral amisulpride. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 668-678.	1.1	16
14	Effect of venlafaxine dosage, valproic acid concentration, sex, and age on steady state dose-corrected concentrations of venlafaxine and <i>o</i> -desmethylvenlafaxine: A retrospective analysis of therapeutic drug monitoring data in a Chinese population. <i>Human Psychopharmacology</i> , 2020, 35, e2733.	0.7	5
15	Bibliometric and Visual Analysis of Research on the Links Between the Gut Microbiota and Depression From 1999 to 2019. <i>Frontiers in Psychiatry</i> , 2020, 11, 587670.	1.3	55
16	Effects of Comedication and Genetic Factors on the Population Pharmacokinetics of Lamotrigine: A Prospective Analysis in Chinese Patients With Epilepsy. <i>Frontiers in Pharmacology</i> , 2019, 10, 832.	1.6	12
17	Off-label antidepressant prescription in pediatric outpatients based on China Food and Drug Administration and Food and Drug Administration regulations. <i>International Clinical Psychopharmacology</i> , 2018, 33, 172-179.	0.9	8
18	Effects of Alcohol on the Pharmacokinetics of Blonanserin and N-Deethylated Blonanserin in Healthy Chinese Subjects. <i>Journal of Clinical Psychopharmacology</i> , 2018, 38, 129-133.	0.7	4

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19	Effects of Risperidone and Aripiprazole on Serum Levels of Prolactin, Testosterone and Estradiol in Female Patients with Schizophrenia. <i>Drug Research</i> , 2018, 68, 410-414.	0.7	10
20	Kynurenine pathway changes in late-life depression. <i>Journal of Affective Disorders</i> , 2018, 235, 76-81.	2.0	18
21	Comparison of Unlicensed and Off-Label Use of Antipsychotics Prescribed to Child and Adolescent Psychiatric Outpatients for Treatment of Mental and Behavioral Disorders with Different Guidelines: The China Food and Drug Administration Versus the FDA. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2018, 28, 216-224.	0.7	8
22	Effects of food and grapefruit juice on single-dose pharmacokinetics of blonanserin in healthy Chinese subjects. <i>European Journal of Clinical Pharmacology</i> , 2018, 74, 61-67.	0.8	9
23	Rhabdomyolysis and elevated liver enzymes after rapid correction of hyponatremia due to pneumonia and concurrent use of aripiprazole: A case report. <i>Australian and New Zealand Journal of Psychiatry</i> , 2018, 52, 206-206.	1.3	4
24	Regulation of the kynurenine metabolism pathway by Xiaoyao San and the underlying effect in the hippocampus of the depressed rat. <i>Journal of Ethnopharmacology</i> , 2018, 214, 13-21.	2.0	39
25	Simultaneous analysis of olanzapine, fluoxetine, and norfluoxetine in human plasma using liquid chromatography-mass spectrometry and its application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1092, 506-514.	1.2	19
26	Kynurenine pathway changes in late-life depression with memory deficit. <i>Psychiatry Research</i> , 2018, 269, 45-49.	1.7	20
27	Sleepwalking Is Associated With Coadministration of Olanzapine and Propranolol. <i>Journal of Clinical Psychopharmacology</i> , 2017, 37, 622-623.	0.7	8
28	A Simple HPLC-MS/MS Method for Determination of Tryptophan, Kynurenine and Kynurenic Acid in Human Serum and its Potential for Monitoring Antidepressant Therapy. <i>Journal of Analytical Toxicology</i> , 2017, 41, 37-44.	1.7	54
29	Pharmacokinetics of guaifenesin, pseudoephedrine and hydrocodone in a combination oral liquid formulation, administered as single and multiple doses in healthy Chinese volunteers, and comparison with data for individual compounds formulated as Antuss®. <i>Xenobiotica</i> , 2017, 47, 870-878.	0.5	1
30	Tumor Location and Survival Outcomes in Adult Patients with Supratentorial Glioblastoma by Levels of Toll-Like Receptor 9 Expression. <i>World Neurosurgery</i> , 2017, 97, 279-283.	0.7	10
31	Investigation on the influence of time-of-day on benzene metabolic pharmacokinetics by direct breath analysis in mice. <i>Chemosphere</i> , 2017, 184, 93-98.	4.2	5
32	Population pharmacokinetics analysis of olanzapine for Chinese psychotic patients based on clinical therapeutic drug monitoring data with assistance of meta-analysis. <i>European Journal of Clinical Pharmacology</i> , 2016, 72, 933-944.	0.8	11
33	Pharmacokinetic Properties of Peramivir After Single and Multiple Intravenous Infusions in Healthy Chinese Volunteers. <i>Clinical Drug Investigation</i> , 2016, 36, 705-711.	1.1	0
34	Development and validation of an HPLC-MS/MS method by one-step precipitation for chloroquine in miniature pig plasma. <i>Bioanalysis</i> , 2016, 8, 1159-1171.	0.6	7
35	Effect of grapefruit juice and food on the pharmacokinetics of pirfenidone in healthy Chinese volunteers: a diet-drug interaction study. <i>Xenobiotica</i> , 2016, 46, 516-521.	0.5	11
36	Population pharmacokinetic-pharmacodynamic (PopPK/PD) modeling of risperidone and its active metabolite in Chinese schizophrenia patients. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2016, 54, 378-389.	0.3	3

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37	The effect of food on the pharmacokinetic properties and bioequivalence of two formulations of pitavastatin calcium in healthy Chinese male subjects. <i>Xenobiotica</i> , 2016, 46, 34-9.	0.5	4
38	Development and validation of a sensitive LC-MS/MS assay for the quantification of nizatidine in human plasma and urine and its application to pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 998-999, 80-87.	1.2	5
39	A rapid LC-MS/MS quantification of peramivir using a simple and inexpensive sample precipitation: application to PK. <i>Bioanalysis</i> , 2015, 7, 319-332.	0.6	4
40	Simultaneous Determination of Pirfenidone and Its Metabolite in Human Plasma by Liquid Chromatography-Tandem Mass Spectrometry: Application to a Pharmacokinetic Study. <i>Journal of Analytical Toxicology</i> , 2014, 38, 645-652.	1.7	3
41	Population Pharmacokinetic/Pharmacodynamic Model of Clozapine for Characterizing the Relationship Between Accumulated Exposure and PANSS Scores in Patients With Schizophrenia. <i>Therapeutic Drug Monitoring</i> , 2014, 36, 378-386.	1.0	16
42	Simultaneous determination of glimepiride and pioglitazone in human plasma by liquid chromatography-tandem mass spectrometry and its application to pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 960, 247-252.	1.2	18
43	Determination of allopurinol and oxypurinol in human plasma and urine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 941, 10-16.	1.2	13
44	Population pharmacokinetics of blonanserin in Chinese healthy volunteers and the effect of the food intake. <i>Human Psychopharmacology</i> , 2013, 28, 134-141.	0.7	8
45	Population pharmacokinetics modeling of levetiracetam in Chinese children with epilepsy. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 845-851.	2.8	11
46	Simultaneous determination of blonanserin and its metabolite in human plasma and urine by liquid chromatography-tandem mass spectrometry: Application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 903, 46-52.	1.2	15
47	Modeling of angiotensin II-angiotensin-(1-7) counterbalance in disease progression in spontaneously hypertensive rats treated with/without perindopril. <i>Pharmacological Research</i> , 2012, 66, 177-184.	3.1	12
48	Population pharmacokinetics of clozapine and its primary metabolite norclozapine in Chinese patients with schizophrenia. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 1409-1416.	2.8	30
49	Placebo effect model in asthma clinical studies: longitudinal meta-analysis of forced expiratory volume in 1 second. <i>European Journal of Clinical Pharmacology</i> , 2012, 68, 1157-1166.	0.8	13
50	Simultaneous determination of nitrendipine and hydrochlorothiazide in spontaneously hypertensive rat plasma using HPLC with on-line solid-phase extraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3459-3464.	1.2	19
51	Dual-targeting daunorubicin liposomes improve the therapeutic efficacy of brain glioma in animals. <i>Journal of Controlled Release</i> , 2010, 141, 183-192.	4.8	404
52	Population pharmacokinetics model for escitalopram in Chinese psychiatric patients: effect of CYP2C19 and age. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4