

Jian Shi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8430234/publications.pdf>

Version: 2024-02-01

59
papers

1,529
citations

318942

23
h-index

371746

37
g-index

60
all docs

60
docs citations

60
times ranked

2617
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma Carboxylesterase 1 Predicts Methylphenidate Exposure: A Proof-of-Concept Study Using Plasma Protein Biomarker for Hepatic Drug Metabolism. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 111, 878-885.	2.3	3
2	Effects of Overexpression of Fibroblast Growth Factor 15/19 on Hepatic Drug Metabolizing Enzymes. <i>Drug Metabolism and Disposition</i> , 2022, 50, 468-477.	1.7	2
3	Contributions of Cathepsin A and Carboxylesterase 1 to the Hydrolysis of Tenofovir Alafenamide in the Human Liver, and the Effect of CES1 Genetic Variation on Tenofovir Alafenamide Hydrolysis. <i>Drug Metabolism and Disposition</i> , 2022, 50, 243-248.	1.7	1
4	Physiologically-based pharmacokinetic modeling to predict methylphenidate exposure affected by interplay among carboxylesterase 1 pharmacogenetics, drug-drug interactions, and sex. <i>Journal of Pharmaceutical Sciences</i> , 2022, , .	1.6	0
5	Mechanism-Based Pharmacokinetic Model for the Deglycosylation Kinetics of 20(S)-Ginsenosides Rh2. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	1
6	Impact of carboxylesterase 1 genetic polymorphism on trandolapril activation in human liver and the pharmacokinetics and pharmacodynamics in healthy volunteers. <i>Clinical and Translational Science</i> , 2021, 14, 1380-1389.	1.5	4
7	Tissue-Specific Proteomics Analysis of Anti-COVID-19 Nucleoside and Nucleotide Prodrug-Activating Enzymes Provides Insights into the Optimization of Prodrug Design and Pharmacotherapy Strategy. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 870-887.	2.5	9
8	Metabolomics analysis reveals the effect of copper on autophagy in myocardia of pigs. <i>Ecotoxicology and Environmental Safety</i> , 2021, 213, 112040.	2.9	29
9	Effect of CES1 genetic variation on enalapril steady-state pharmacokinetics and pharmacodynamics in healthy subjects. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 4691-4700.	1.1	5
10	Developing a SWATH capillary LC-MS/MS method for simultaneous therapeutic drug monitoring and untargeted metabolomics analysis of neonatal plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122865.	1.2	5
11	Copper induces mitochondria-mediated apoptosis via AMPK-mTOR pathway in hypothalamus of Pigs. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112395.	2.9	23
12	Activation of Tenofovir Alafenamide and Sofosbuvir in the Human Lung and Its Implications in the Development of Nucleoside/Nucleotide Prodrugs for Treating SARS-CoV-2 Pulmonary Infection. <i>Pharmaceutics</i> , 2021, 13, 1656.	2.0	7
13	Comparative Proteomics Analysis of Human Liver Microsomes and S9 Fractions. <i>Drug Metabolism and Disposition</i> , 2020, 48, 31-40.	1.7	30
14	Dysregulated NF- κ B-Dependent ICOSL Expression in Human Dendritic Cell Vaccines Impairs T-cell Responses in Patients with Melanoma. <i>Cancer Immunology Research</i> , 2020, 8, 1554-1567.	1.6	15
15	FRACRED-2D-PRM: A Fraction Prediction Algorithm-Assisted 2D Liquid Chromatography-Based Parallel Reaction Monitoring-Mass Spectrometry Approach for Measuring Low-Abundance Proteins in Human Plasma. <i>Proteomics</i> , 2020, 20, 2000175.	1.3	3
16	Genome-wide pQTL analysis of protein expression regulatory networks in the human liver. <i>BMC Biology</i> , 2020, 18, 97.	1.7	49
17	Chemoproteomic Identification of Serine Hydrolase RBBP9 as a Valacyclovir-Activating Enzyme. <i>Molecular Pharmaceutics</i> , 2020, 17, 1706-1714.	2.3	9
18	Pharmacokinetics of gemcitabine and its amino acid ester prodrug following intravenous and oral administrations in mice. <i>Biochemical Pharmacology</i> , 2020, 180, 114127.	2.0	13

#	ARTICLE	IF	CITATIONS
19	Acetaminophen-Induced Liver Injury Alters Expression and Activities of Cytochrome P450 Enzymes in an Age-Dependent Manner in Mouse Liver. <i>Drug Metabolism and Disposition</i> , 2020, 48, 326-336.	1.7	25
20	Predicting Human Pharmacokinetics: Physiologically Based Pharmacokinetic Modeling and In Silico ADME Prediction in Early Drug Discovery. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2019, 44, 135-137.	0.6	8
21	Absolute Quantitation of Drug-Metabolizing Cytochrome P450 Enzymes and Accessory Proteins in Dog Liver Microsomes Using Label-Free Standard-Free Analysis Reveals Interbreed Variability. <i>Drug Metabolism and Disposition</i> , 2019, 47, 1314-1324.	1.7	24
22	Rapid and sensitive detection of Senecavirus A by reverse transcription loop-mediated isothermal amplification combined with a lateral flow dipstick method. <i>PLoS ONE</i> , 2019, 14, e0216245.	1.1	10
23	Label-free absolute protein quantification with data-independent acquisition. <i>Journal of Proteomics</i> , 2019, 200, 51-59.	1.2	60
24	Potential Regulation of UGT2B10 and UGT2B7 by miR-485-5p in Human Liver. <i>Molecular Pharmacology</i> , 2019, 96, 674-682.	1.0	6
25	Response to the Comments on "Determining Allele-Specific Protein Expression (ASPE) Using a Novel Quantitative Concatamer Proteomics Method". <i>Journal of Proteome Research</i> , 2019, 18, 1458-1459.	1.8	0
26	Functional Study of Carboxylesterase 1 Protein Isoforms. <i>Proteomics</i> , 2019, 19, e1800288.	1.3	13
27	Crataegus Special Extract WS 1442 Effects on eNOS and microRNA 155. <i>Planta Medica</i> , 2018, 84, 1094-1100.	0.7	4
28	Comparison of protein expression between human livers and the hepatic cell lines HepG2, Hep3B, and Huh7 using SWATH and MRM-HR proteomics: Focusing on drug-metabolizing enzymes. <i>Drug Metabolism and Pharmacokinetics</i> , 2018, 33, 133-140.	1.1	42
29	A sensitive liquid chromatography-tandem mass spectrometry method for the quantification of valacyclovir and its metabolite acyclovir in mouse and human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1092, 447-452.	1.2	9
30	Determining Allele-Specific Protein Expression (ASPE) Using a Novel Quantitative Concatamer Based Proteomics Method. <i>Journal of Proteome Research</i> , 2018, 17, 3606-3612.	1.8	20
31	Effect of biphenyl hydrolase-like (BPHL) gene disruption on the intestinal stability, permeability and absorption of valacyclovir in wildtype and Bphl knockout mice. <i>Biochemical Pharmacology</i> , 2018, 156, 147-156.	2.0	4
32	Consequences of Phenytoin Exposure on Hepatic Cytochrome P450 Expression during Postnatal Liver Maturation in Mice. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1241-1250.	1.7	7
33	Short- and Long-term Effects of Phenytoin Exposure on the Liver Proteome of Neonatal and Adult Mice Using SWATH-MS Technology. <i>FASEB Journal</i> , 2018, 32, 563.2.	0.2	0
34	Ethanol Interactions With Dexmethylphenidate and dl-Methylphenidate Spheroidal Oral Drug Absorption Systems in Healthy Volunteers. <i>Journal of Clinical Psychopharmacology</i> , 2017, 37, 419-428.	0.7	16
35	A Comprehensive Functional Assessment of Carboxylesterase 1 Nonsynonymous Polymorphisms. <i>Drug Metabolism and Disposition</i> , 2017, 45, 1149-1155.	1.7	24
36	Metabolic Perturbation and Potential Markers in Patients with Esophageal Cancer. <i>Gastroenterology Research and Practice</i> , 2017, 2017, 1-9.	0.7	30

#	ARTICLE	IF	CITATIONS
37	Targeted absolute quantitative proteomics with SILAC internal standards and unlabeled full-length protein calibrators (TAQSI). <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 553-561.	0.7	24
38	Regulatory effects of genomic translocations at the human carboxylesterase-1 (CES1) gene locus. <i>Pharmacogenetics and Genomics</i> , 2016, 26, 197-207.	0.7	18
39	Metabolic shifts induced by human H460 cells in tumor-bearing mice. <i>Biomedical Chromatography</i> , 2016, 30, 337-342.	0.8	4
40	Dabigatran etexilate activation is affected by the CES1 genetic polymorphism G143E (rs71647871) and gender. <i>Biochemical Pharmacology</i> , 2016, 119, 76-84.	2.0	72
41	Association of Oseltamivir Activation with Gender and Carboxylesterase 1 Genetic Polymorphisms. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 555-561.	1.2	33
42	Sacubitril Is Selectively Activated by Carboxylesterase 1 (CES1) in the Liver and the Activation Is Affected by CES1 Genetic Variation. <i>Drug Metabolism and Disposition</i> , 2016, 44, 554-559.	1.7	54
43	SGLT-1 Transport and Deglycosylation inside Intestinal Cells Are Key Steps in the Absorption and Disposition of Calycosin-7-O- β -D-Glucoside in Rats. <i>Drug Metabolism and Disposition</i> , 2016, 44, 283-296.	1.7	23
44	Metabolomics and its application to the evaluation of the efficacy and toxicity of traditional Chinese herb medicines. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1026, 204-216.	1.2	83
45	CES1 genetic variation affects the activation of angiotensin-converting enzyme inhibitors. <i>Pharmacogenomics Journal</i> , 2016, 16, 220-230.	0.9	46
46	A Pharmacometabonomic Approach To Predicting Metabolic Phenotypes and Pharmacokinetic Parameters of Atorvastatin in Healthy Volunteers. <i>Journal of Proteome Research</i> , 2015, 14, 3970-3981.	1.8	36
47	The metabolic impact of methamphetamine on the systemic metabolism of rats and potential markers of methamphetamine abuse. <i>Molecular BioSystems</i> , 2014, 10, 1968-1977.	2.9	45
48	Metabolomic approach to evaluating adriamycin pharmacodynamics and resistance in breast cancer cells. <i>Metabolomics</i> , 2013, 9, 960-973.	1.4	66
49	Pharmacokinetic interactions between 20(S)-ginsenoside Rh2 and the HIV protease inhibitor ritonavir in vitro and in vivo. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 1349-1358.	2.8	21
50	Metabolic phenotype of rats exposed to heroin and potential markers of heroin abuse. <i>Drug and Alcohol Dependence</i> , 2013, 127, 177-186.	1.6	44
51	GC/TOFMS analysis of metabolites in serum and urine reveals metabolic perturbation of TCA cycle in db/db mice involved in diabetic nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1317-F1324.	1.3	85
52	Inhibition of P-Glycoprotein by HIV Protease Inhibitors Increases Intracellular Accumulation of Berberine in Murine and Human Macrophages. <i>PLoS ONE</i> , 2013, 8, e54349.	1.1	31
53	Prediction of the Pharmacokinetic Parameters of Triptolide in Rats Based on Endogenous Molecules in Pre-Dose Baseline Serum. <i>PLoS ONE</i> , 2012, 7, e43389.	1.1	17
54	Metabolic features of the tumor microenvironment of gastric cancer and the link to the systemic macroenvironment. <i>Metabolomics</i> , 2012, 8, 164-173.	1.4	27

#	ARTICLE	IF	CITATIONS
55	Gas chromatography time-of-flight mass spectrometry based metabolomic approach to evaluating toxicity of triptolide. <i>Metabolomics</i> , 2011, 7, 217-225.	1.4	37
56	GC-TOFMS analysis of metabolites in adherent MDCK cells and a novel strategy for identifying intracellular metabolic markers for use as cell amount indicators in data normalization. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 2983-2993.	1.9	42
57	Differences in metabolite profile between blood plasma and serum. <i>Analytical Biochemistry</i> , 2010, 406, 105-112.	1.1	120
58	Chronic Myeloid Leukemia Patients Sensitive and Resistant to Imatinib Treatment Show Different Metabolic Responses. <i>PLoS ONE</i> , 2010, 5, e13186.	1.1	27
59	Sensitive determination of 20(S)-protopanaxadiol in rat plasma using HPLC-APCI-MS: Application of pharmacokinetic study in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1476-1480.	1.4	64