

Yan Shu

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,160
citations

279798

23
h-index

155660

55
g-index

62
all docs

62
docs citations

62
times ranked

4020
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of genetic variation in the organic cation transporter 1 (OCT1) on metformin action. <i>Journal of Clinical Investigation</i> , 2007, 117, 1422-1431.	8.2	786
2	Organic Cation Transporters Are Determinants of Oxaliplatin Cytotoxicity. <i>Cancer Research</i> , 2006, 66, 8847-8857.	0.9	384
3	Evolutionary conservation predicts function of variants of the human organic cation transporter, OCT1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5902-5907.	7.1	265
4	Cadmium Transporters in the Kidney and Cadmium-Induced Nephrotoxicity. <i>International Journal of Molecular Sciences</i> , 2015, 16, 1484-1494.	4.1	178
5	Pharmacokinetics of sertraline in relation to genetic polymorphism of CYP2C19. <i>Clinical Pharmacology and Therapeutics</i> , 2001, 70, 42-47.	4.7	126
6	Phenotypic polymorphism and gender-related differences of CYP1A2 activity in a Chinese population. <i>British Journal of Clinical Pharmacology</i> , 2000, 49, 145-151.	2.4	99
7	Role of solute carriers in response to anticancer drugs. <i>Molecular and Cellular Therapies</i> , 2014, 2, 15.	0.2	92
8	Metformin induces osteoblastic differentiation of human induced pluripotent stem cell-derived mesenchymal stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 437-446.	2.7	84
9	The dysregulation of tRNAs and tRNA derivatives in cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 101.	8.6	83
10	Ondansetron can enhance cisplatin-induced nephrotoxicity via inhibition of multiple toxin and extrusion proteins (MATEs). <i>Toxicology and Applied Pharmacology</i> , 2013, 273, 100-109.	2.8	72
11	Epigenomic and transcriptomic analyses define core cell types, genes and targetable mechanisms for kidney disease. <i>Nature Genetics</i> , 2022, 54, 950-962.	21.4	71
12	Arginine 454 and Lysine 370 Are Essential for the Anion Specificity of the Organic Anion Transporter, rOAT3. <i>Biochemistry</i> , 2001, 40, 5511-5520.	2.5	70
13	SLC13A5 Is a Novel Transcriptional Target of the Pregnane X Receptor and Sensitizes Drug-Induced Steatosis in Human Liver. <i>Molecular Pharmacology</i> , 2015, 87, 674-682.	2.3	68
14	Radiogenomics helps to achieve personalized therapy by evaluating patient responses to radiation treatment. <i>Carcinogenesis</i> , 2015, 36, 307-317.	2.8	51
15	Evidence for involvement of polymorphic CYP2C19 and 2C9 in the N-demethylation of sertraline in human liver microsomes. <i>British Journal of Clinical Pharmacology</i> , 1999, 48, 416-423.	2.4	50
16	Deficiency of Multidrug and Toxin Extrusion 1 Enhances Renal Accumulation of Paraquat and Deteriorates Kidney Injury in Mice. <i>Molecular Pharmaceutics</i> , 2011, 8, 2476-2483.	4.6	47
17	Aging increases the susceptibility of cisplatin-induced nephrotoxicity. <i>Age</i> , 2015, 37, 112.	3.0	41
18	Ketamine induces hippocampal apoptosis through a mechanism associated with the caspase-1 dependent pyroptosis. <i>Neuropharmacology</i> , 2018, 128, 63-75.	4.1	40

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19	Novel Calcium Phosphate Cement with Metformin-Loaded Chitosan for Odontogenic Differentiation of Human Dental Pulp Cells. <i>Stem Cells International</i> , 2018, 2018, 1-10.	2.5	29
20	Pyrazole-4-Carboxamide (YW2065): A Therapeutic Candidate for Colorectal Cancer via Dual Activities of Wnt/ β -Catenin Signaling Inhibition and AMP-Activated Protein Kinase (AMPK) Activation. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 11151-11164.	6.4	28
21	Uptake of Pramipexole by Human Organic Cation Transporters. <i>Molecular Pharmaceutics</i> , 2010, 7, 1342-1347.	4.6	27
22	Reduction in <i>Tcf7l2</i> Expression Decreases Diabetic Susceptibility in Mice. <i>International Journal of Biological Sciences</i> , 2012, 8, 791-801.	6.4	26
23	Enhanced Tumor Selectivity of 5-Fluorouracil Using a Reactive Oxygen Species-Activated Prodrug Approach. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 127-131.	2.8	25
24	Irinotecan Alters the Disposition of Morphine Via Inhibition of Organic Cation Transporter 1 (OCT1) and 2 (OCT2). <i>Pharmaceutical Research</i> , 2018, 35, 243.	3.5	24
25	Selective Inhibition on Organic Cation Transporters by Carvedilol Protects Mice from Cisplatin-Induced Nephrotoxicity. <i>Pharmaceutical Research</i> , 2018, 35, 204.	3.5	22
26	Synthesis and Evaluation of Bile Acid-Ribavirin Conjugates as Prodrugs to Target the Liver. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2864-2876.	3.3	19
27	Multidrug and toxin extrusion proteins mediate cellular transport of cadmium. <i>Toxicology and Applied Pharmacology</i> , 2017, 314, 55-62.	2.8	19
28	Functional organic cation transporters mediate osteogenic response to metformin in human umbilical cord mesenchymal stromal cells. <i>Cytotherapy</i> , 2018, 20, 650-659.	0.7	19
29	Novel metformin-containing resin promotes odontogenic differentiation and mineral synthesis of dental pulp stem cells. <i>Drug Delivery and Translational Research</i> , 2019, 9, 85-96.	5.8	19
30	The pivotal oncogenic role of <i>Jab1/CSN5</i> and its therapeutic implications in human cancer. <i>Gene</i> , 2019, 687, 219-227.	2.2	19
31	Effect of Ondansetron on Metformin Pharmacokinetics and Response in Healthy Subjects. <i>Drug Metabolism and Disposition</i> , 2016, 44, 489-494.	3.3	18
32	Modulation of YrdC promotes hepatocellular carcinoma progression via MEK/ERK signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 114, 108859.	5.6	17
33	Effects of Targeted Delivery of Metformin and Dental Pulp Stem Cells on Osteogenesis via Demineralized Dentin Matrix under High Glucose Conditions. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2346-2356.	5.2	17
34	Triazole-Based Inhibitors of the Wnt/ β -Catenin Signaling Pathway Improve Glucose and Lipid Metabolisms in Diet-Induced Obese Mice. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 727-741.	6.4	16
35	The Role of Gut Microbiota in Hypertension Pathogenesis and the Efficacy of Antihypertensive Drugs. <i>Current Hypertension Reports</i> , 2021, 23, 40.	3.5	15
36	Ischemia/Reperfusion-Inducible Protein Modulates the Function of Organic Cation Transporter 1 and Multidrug and Toxin Extrusion 1. <i>Molecular Pharmaceutics</i> , 2013, 10, 2578-2587.	4.6	14

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37	Drug-Drug Interactions at Organic Cation Transporter 1. <i>Frontiers in Pharmacology</i> , 2021, 12, 628705.	3.5	14
38	A Survey of Pharmacogenomics Testing Among Physicians, Pharmacists, and Researchers From China. <i>Frontiers in Pharmacology</i> , 2021, 12, 682020.	3.5	14
39	The LRP6 functional mutation rs2302685 contributes to individual susceptibility to alcoholic liver injury related to the Wnt/ β -catenin-TCF1-CYP2E1 signaling pathway. <i>Archives of Toxicology</i> , 2019, 93, 1679-1695.	4.2	13
40	Cadmium exposure enhances organic cation transporter 2 trafficking to the kidney membrane and exacerbates cisplatin nephrotoxicity. <i>Kidney International</i> , 2020, 97, 765-777.	5.2	13
41	YRDC Mediates the Resistance of Lenvatinib in Hepatocarcinoma Cells via Modulating the Translation of KRAS. <i>Frontiers in Pharmacology</i> , 2021, 12, 744578.	3.5	13
42	Metformin reduces the increased risk of oral squamous cell carcinoma recurrence in patients with type 2 diabetes mellitus: A cohort study with propensity score analyses. <i>Surgical Oncology</i> , 2020, 35, 453-459.	1.6	12
43	Intensive Glucose Control Reduces the Risk Effect of TRIB3, SMARCD3, and ATF6 Genetic Variation on Diabetic Vascular Complications. <i>Frontiers in Pharmacology</i> , 2018, 9, 1422.	3.5	10
44	Transcriptional Regulation of Solute Carrier Drug Transporters. <i>Drug Metabolism and Disposition</i> , 2022, 50, 1238-1250.	3.3	10
45	Incorporation of a Biguanide Scaffold Enhances Drug Uptake by Organic Cation Transporters 1 and 2. <i>Molecular Pharmaceutics</i> , 2017, 14, 2726-2739.	4.6	9
46	Optimizing ceftaroline dosing in critically ill patients undergoing continuous renal replacement therapy. <i>Pharmacotherapy</i> , 2021, 41, 205-211.	2.6	8
47	Biowaiver Monographs for Immediate Release Solid Oral Dosage Forms: Metformin Hydrochloride. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 1513-1526.	3.3	8
48	ROS, P53, and ischemic acute kidney injury in diabetic models. <i>Kidney International</i> , 2015, 88, 198-199.	5.2	7
49	Effect of ciliary neurotrophic factor on neural differentiation of stem cells of human exfoliated deciduous teeth. <i>Journal of Biological Engineering</i> , 2020, 14, 29.	4.7	6
50	Indinavir Alters the Pharmacokinetics of Lamivudine Partially via Inhibition of Multidrug and Toxin Extrusion Protein 1 (MATE1). <i>Pharmaceutical Research</i> , 2018, 35, 14.	3.5	5
51	Association of blood cell counts with the risk of olanzapine or clozapine induced dyslipidemia in Chinese schizophrenia patients. <i>Human Psychopharmacology</i> , 2019, 34, e2699.	1.5	5
52	Polytropic Influence of TRIB3 rs2295490 Genetic Polymorphism on Response to Antihypertensive Agents in Patients With Essential Hypertension. <i>Frontiers in Pharmacology</i> , 2019, 10, 236.	3.5	5
53	Pyruvium Treatment Confers Hepatic Metabolic Benefits via β -Catenin Downregulation and AMPK Activation. <i>Pharmaceutics</i> , 2021, 13, 330.	4.5	5
54	The protective effect of rabeprazole on cisplatin-induced apoptosis and necroptosis of renal proximal tubular cells. <i>Biochemical and Biophysical Research Communications</i> , 2022, 612, 91-98.	2.1	5

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55	Identification and Profiling of Environmental Chemicals That Inhibit the TGF β 2/SMAD Signaling Pathway. <i>Chemical Research in Toxicology</i> , 2019, 32, 2433-2444.	3.3	4
56	Divergent Regulation of OCT and MATE Drug Transporters by Cadmium Exposure. <i>Pharmaceutics</i> , 2021, 13, 537.	4.5	4
57	Case Report and Supporting Documentation: Acute Kidney Injury Manifested as Oliguria Is Reduced by Intravenous Magnesium Before Cisplatin. <i>Frontiers in Oncology</i> , 2021, 11, 607574.	2.8	3
58	Metabolic Response to Olanzapine in Healthy Chinese Subjects with rs7093146 Polymorphism in Transcription Factor 7-like 2 Gene (<i>TCF7L2</i>): A Prospective Study. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 601-609.	2.5	2
59	Lrp6 Genotype affects Individual Susceptibility to Nonalcoholic Fatty Liver Disease and Silibinin Therapeutic Response via Wnt/ β -catenin-Cyp2e1 Signaling. <i>International Journal of Biological Sciences</i> , 2021, 17, 3936-3953.	6.4	2
60	Clinical Factors and Rate of Cough During Angiotensin-Converting Enzyme Inhibitor Treatment. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 566-566.	4.7	1
61	A genetic-based population PK/PD modeling of methadone in Chinese opiate dependence patients. <i>European Journal of Clinical Pharmacology</i> , 2022, 78, 565-578.	1.9	1