

Jian-Ping Cai

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

1,330
citations

394421

19
h-index

414414

32
g-index

75
all docs

75
docs citations

75
times ranked

1569
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzymatic activity on valsartan of 38 CYP2C9 variants from the Chinese population. <i>Chemico-Biological Interactions</i> , 2022, 353, 109799.	4.0	1
2	Characterization of a novel HLA-A*11:335 allele resulting from a rare interlocus recombination involving HLA-A*11:01:01:01/126 and HLA-H*02:07/14/18 alleles with nanopore sequencing, in a volunteer from the China Marrow Donor Program. <i>BMC Medical Genomics</i> , 2022, 15, 58.	1.5	0
3	Effect of Baicalein on the Pharmacokinetics of Cilostazol and Its Two Metabolites in Rat Plasma Using UPLC-MS/MS Method. <i>Frontiers in Pharmacology</i> , 2022, 13, 888054.	3.5	0
4	A study on UHPLC-MS/MS analyses of DNA and RNA oxidative damage metabolites in patients with cervical carcinoma: 8-oxoG in urine as a potential biomarker of cervical carcinoma. <i>Heliyon</i> , 2022, 8, e09321.	3.2	2
5	Long-Term High-Fat High-Fructose Diet Induces Type 2 Diabetes in Rats through Oxidative Stress. <i>Nutrients</i> , 2022, 14, 2181.	4.1	14
6	MTH1 suppression enhances the stemness of MCF7 through upregulation of STAT3. <i>Free Radical Biology and Medicine</i> , 2022, 188, 447-458.	2.9	3
7	The high expression of MTH1 and NUDT5 promotes tumor metastasis and indicates a poor prognosis in patients with non-small-cell lung cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118895.	4.1	12
8	Functional characterization of the defective CYP2C9 variant CYP2C9*18. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00718.	2.4	2
9	Systemic RNA oxidation can be used as a biomarker of infection in challenged with <i>Vibrio parahaemolyticus</i> . <i>Free Radical Research</i> , 2021, 55, 41-52.	3.3	0
10	The high expression of NUDT5 indicates poor prognosis of breast cancer by modulating AKT / Cyclin D signaling. <i>PLoS ONE</i> , 2021, 16, e0245876.	2.5	13
11	Han Chinese specific cytochrome P450 polymorphisms and their impact on the metabolism of anti-hypertensive drugs with adrenoceptor blocking properties. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 707-716.	3.3	4
12	Effects of 27 CYP3A4 protein variants on saxagliptin metabolism in vitro. <i>Fundamental and Clinical Pharmacology</i> , 2021, , .	1.9	4
13	Prevalence and Incidence of Heart Failure Among Urban Patients in China: A National Population-Based Analysis. <i>Circulation: Heart Failure</i> , 2021, 14, e008406.	3.9	87
14	Increased systemic RNA oxidative damage and diagnostic value of RNA oxidative metabolites during <i>Shigella flexneri</i> -induced intestinal infection. <i>World Journal of Gastroenterology</i> , 2021, 27, 6248-6261.	3.3	0
15	Effects of 31 recombinant CYP2C19 variants on clomipramine metabolism in vitro. <i>Journal of Psychopharmacology</i> , 2021, 35, 1517-1522.	4.0	2
16	The overexpression of AUF1 in colorectal cancer predicts a poor prognosis and promotes cancer progression by activating ERK and AKT pathways. <i>Cancer Medicine</i> , 2020, 9, 8612-8623.	2.8	18
17	Functional Measurement of CYP2C9 and CYP3A4 Allelic Polymorphism on Sildenafil Metabolism. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 5129-5141.	4.3	15
18	An identification and functional evaluation of a novel CYP2C9 variant CYP2C9*62. <i>Chemico-Biological Interactions</i> , 2020, 327, 109168.	4.0	7

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19	The mechanism of RNA oxidation involved in the development of heart failure. <i>Free Radical Research</i> , 2019, 53, 910-921.	3.3	7
20	Functional characterization of 27 CYP3A4 variants on macitentan metabolism in vitro. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1677-1683.	2.4	1
21	Effects of 24 CYP2D6 variants found in Chinese population on the metabolism of clonidine in vitro. <i>Chemico-Biological Interactions</i> , 2019, 313, 108840.	4.0	5
22	Functional characterization of 27 CYP3A4 protein variants to metabolize regorafenib in vitro. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 337-344.	2.5	8
23	Inhibitory effect of resveratrol on the pharmacokinetic of ibrutinib by UPLC-MS/MS. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 27-31.	2.0	4
24	Functional characterization of 21 CYP3A4 variants on amiodarone metabolism in vitro. <i>Xenobiotica</i> , 2019, 49, 120-126.	1.1	10
25	HLA-B*07, HLA-DRB1*07, HLA-DRB1*12, and HLA-C*03:02 Strongly Associate With BMI: Data From 1.3 Million Healthy Chinese Adults. <i>Diabetes</i> , 2018, 67, 861-871.	0.6	9
26	Transcriptional mutagenesis mediated by 8-oxoG induces translational errors in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4218-4222.	7.1	56
27	Functional Characterization of 22 CYP3A4 Protein Variants to Metabolize Ibrutinib In Vitro. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 122, 383-387.	2.5	21
28	The effects of cytochrome P450 2C19 polymorphism on the metabolism of voriconazole in vitro. <i>Infection and Drug Resistance</i> , 2018, Volume 11, 2129-2135.	2.7	13
29	Oxidative DNA and RNA damage and their prognostic values during Salmonella enteritidis-induced intestinal infection in rats. <i>Free Radical Research</i> , 2018, 52, 961-969.	3.3	2
30	The Ratio of Plasma and Urinary 8-oxo-Gsn Could Be a Novel Evaluation Index for Patients with Chronic Kidney Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8.	4.0	8
31	Urinary 8-oxo-7,8-dihydroguanosine as a Potential Biomarker of Aging. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 34.	3.4	44
32	In vitro assessment of 24 CYP2D6 allelic isoforms on the metabolism of methadone. <i>Drug Testing and Analysis</i> , 2017, 9, 216-220.	2.6	7
33	Effects of CYP2C19 variants on methadone metabolism in vitro. <i>Drug Testing and Analysis</i> , 2017, 9, 634-639.	2.6	22
34	Effect of 22 CYP2D6 variants found in the Chinese population on tolterodine metabolism in vitro. <i>Chemico-Biological Interactions</i> , 2017, 264, 10-15.	4.0	0
35	Systematic screening for CYP3A4 genetic polymorphisms in a Han Chinese population. <i>Pharmacogenomics</i> , 2017, 18, 369-379.	1.3	51
36	Function of 38 variants CYP2C9 polymorphism on ketamine metabolism in vitro. <i>Journal of Pharmacological Sciences</i> , 2017, 135, 8-13.	2.5	17

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37	Levels of 8-oxo-dGsn and 8-oxo-Gsn in random urine are consistent with 24h urine in healthy subjects and patients with renal disease. <i>Free Radical Research</i> , 2017, 51, 616-621.	3.3	8
38	Genistein Exposure Interferes with Pharmacokinetics of Celecoxib in SD Male Rats by UPLC-MS/MS. <i>Biochemistry Research International</i> , 2017, 2017, 1-7.	3.3	4
39	Increased Oxidative Damage of RNA in Early-Stage Nephropathy in db/db Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	4.0	6
40	Functional assessment of CYP3A4 allelic variants on lidocaine metabolism in vitro. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 3503-3510.	4.3	32
41	MutT-related proteins are novel progression and prognostic markers for colorectal cancer. <i>Oncotarget</i> , 2017, 8, 105714-105726.	1.8	23
42	Evaluation of the Effects of Ketoconazole and Voriconazole on the Pharmacokinetics of Oxcarbazepine and Its Main Metabolite MHD in Rats by UPLC-MS-MS. <i>Journal of Chromatographic Science</i> , 2016, 54, bmv146.	1.4	4
43	Role of cytochrome P450 2D6 genetic polymorphism in carvedilol hydroxylation in vitro. <i>Drug Design, Development and Therapy</i> , 2016, 10, 1909.	4.3	9
44	Effects of 22 Novel CYP2D6 Variants Found in the Chinese Population on the Bufuralol and Dextromethorphan Metabolisms <i>In Vitro</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 118, 190-199.	2.5	20
45	Assessment of 25 CYP2D6 alleles found in the Chinese population on propafenone metabolism in vitro. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 895-899.	1.4	2
46	In vitro metabolism of phenytoin in 36 CYP2C9 variants found in the Chinese population. <i>Chemico-Biological Interactions</i> , 2016, 253, 93-99.	4.0	12
47	The role of CYP2C9 genetic polymorphism in carvedilol O-desmethylation in vitro. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2016, 41, 79-86.	1.6	13
48	Effect of CYP2D6 genetic polymorphism on the metabolism of citalopram in vitro. <i>Drug Metabolism and Pharmacokinetics</i> , 2016, 31, 133-138.	2.2	9
49	The effect of resveratrol on pharmacokinetics of aripiprazole <i>in vivo</i> and <i>in vitro</i> . <i>Xenobiotica</i> , 2016, 46, 439-444.	1.1	15
50	Effect of CYP2D6 variants on venlafaxine metabolism in vitro. <i>Xenobiotica</i> , 2016, 46, 424-429.	1.1	13
51	High-Resolution Analyses of Human Leukocyte Antigens Allele and Haplotype Frequencies Based on 169,995 Volunteers from the China Bone Marrow Donor Registry Program. <i>PLoS ONE</i> , 2015, 10, e0139485.	2.5	70
52	Identification and Functional Assessment of a New CYP2C9 Allelic Variant CYP2C9*59. <i>Drug Metabolism and Disposition</i> , 2015, 43, 1246-1249.	3.3	20
53	Analysis of the oxidative damage of DNA, RNA, and their metabolites induced by hyperglycemia and related nephropathy in Sprague Dawley rats. <i>Free Radical Research</i> , 2015, 49, 1199-1209.	3.3	11
54	Phagocytosis of platelets enhances endothelial cell survival under serum deprivation. <i>Experimental Biology and Medicine</i> , 2015, 240, 876-883.	2.4	18

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55	Effect of CYP2C9 genetic polymorphism on the metabolism of flurbiprofen in vitro. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 1363-1367.	2.0	18
56	In vitro functional analysis of 24 novel CYP2C19 variants recently found in the Chinese Han population. <i>Xenobiotica</i> , 2015, 45, 1030-1035.	1.1	13
57	In Vitro and In Vivo Characterization of 13 CYP2C9 Allelic Variants Found in Chinese Han Population. <i>Drug Metabolism and Disposition</i> , 2015, 43, 561-569.	3.3	16
58	Identification and characterization of a novel CYP2C9 allelic variant in a warfarin-sensitive patient. <i>Pharmacogenomics</i> , 2015, 16, 1475-1486.	1.3	12
59	In Vitro Functional Assessment of 22 Newly Identified CYP2D6 Allelic Variants in the Chinese Population. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 117, 39-43.	2.5	24
60	Expression of Cytoplasmic 8-oxo-Gsn and MTH1 Correlates with Pathological Grading in Human Gastric Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 6335-6338.	1.2	17
61	In Vitro Assessment of 36 CYP2C9 Allelic Isoforms Found in the Chinese Population on the Metabolism of Glimepiride. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2014, 114, 305-310.	2.5	32
62	Characterization of a Novel CYP2C9 Mutation (1009C>A) Detected in a Warfarin-Sensitive Patient. <i>Journal of Pharmacological Sciences</i> , 2014, 125, 150-156.	2.5	12
63	The role of CYP2C9 genetic polymorphisms in the oxidative metabolism of diclofenac in vitro. <i>Die Pharmazie</i> , 2014, 69, 898-903.	0.5	11
64	Lowered Nudix type 5 expression leads to cellular senescence in IMR-90 fibroblast cells. <i>Free Radical Research</i> , 2013, 47, 511-516.	3.3	5
65	In vitro functional characterization of 37 CYP2C9 allelic isoforms found in Chinese Han population. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 1449-1456.	6.1	52
66	Age-Dependent Accumulation of 8-Oxoguanine in the DNA and RNA in Various Rat Tissues. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-9.	4.0	66
67	Oxidative damage of DNA, RNA and their metabolites in leukocytes, plasma and urine of <i>Macaca mulatta</i> : 8-oxoguanosine in urine is a useful marker for aging. <i>Free Radical Research</i> , 2012, 46, 1093-1098.	3.3	37
68	Age-dependent increases in the oxidative damage of DNA, RNA, and their metabolites in normal and senescence-accelerated mice analyzed by LC-MS/MS: Urinary 8-oxoguanosine as a novel biomarker of aging. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1700-1707.	2.9	81
69	Lowered Nudix type 5 (NUDT5) expression leads to cell cycle retardation in HeLa cells. <i>Molecular and Cellular Biochemistry</i> , 2012, 363, 377-384.	3.1	15
70	Oxidative Damage to RNA and Expression Patterns of MTH1 in the Hippocampi of Senescence-Accelerated SAMP8 Mice and Alzheimer's Disease Patients. <i>Neurochemical Research</i> , 2011, 36, 1558-1565.	3.3	36
71	Age-related alterations in the expression of MTH2 in the hippocampus of the SAMP8 mouse with learning and memory deterioration. <i>Journal of the Neurological Sciences</i> , 2009, 287, 188-196.	0.6	22
72	Mouse MTH2 protein which prevents mutations caused by 8-oxoguanine nucleotides. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 1073-1077.	2.1	101

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73	Effects of Simvastatin on the Metabolism of Vonoprazan in Rats Both in vitro and in vivo. Drug Design, Development and Therapy, 0, Volume 16, 1779-1789.	4.3	2