

Da-Peng Dai

List of Publications by Year in descending order

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69
papers

1,427
citations

394421

19
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377865

34
g-index

70
all docs

70
docs citations

70
times ranked

2118
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association identifies a susceptibility locus for coronary artery disease in the Chinese Han population. <i>Nature Genetics</i> , 2011, 43, 345-349.	21.4	256
2	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
3	Age-dependent tissue expression patterns of Sirt1 in senescence-accelerated mice. <i>Molecular Medicine Reports</i> , 2014, 10, 3296-3302.	2.4	62
4	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
5	Genetic variations of human <i>CYP2D6</i> in the Chinese Han population. <i>Pharmacogenomics</i> , 2013, 14, 1731-1743.	1.3	54
6	Oxidized nucleotide insertion by pol $\hat{\iota}^2$ confounds ligation during base excision repair. <i>Nature Communications</i> , 2017, 8, 14045.	12.8	53
7	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
8	Systematic screening for <i>CYP3A4</i> genetic polymorphisms in a Han Chinese population. <i>Pharmacogenomics</i> , 2017, 18, 369-379.	1.3	51
9	DNA polymerase $\hat{\iota}^2$: A missing link of the base excision repair machinery in mammalian mitochondria. <i>DNA Repair</i> , 2017, 60, 77-88.	2.8	48
10	Repair pathway for PARP-1 DNA-protein crosslinks. <i>DNA Repair</i> , 2019, 73, 71-77.	2.8	43
11	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
12	Effect of 36 CYP2C9 variants found in the Chinese population on losartan metabolism in vitro. <i>Xenobiotica</i> , 2014, 44, 270-275.	1.1	34
13	Genetic polymorphisms and novel allelic variants of <i>CYP2C19</i> in the Chinese Han population. <i>Pharmacogenomics</i> , 2012, 13, 1571-1581.	1.3	33
14	<i>In Vitro</i> Assessment of 36 <i>CYP2C9</i> 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
15	Cytochrome P450-Based Drug-Drug Interactions of Vonoprazan In Vitro and In Vivo. <i>Frontiers in Pharmacology</i> , 2020, 11, 53.	3.5	29
16	Cardiac Shock Wave Therapy Attenuates H9c2 Myoblast Apoptosis by Activating the AKT Signal Pathway. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 1293-1303.	1.6	28
17	<i>In Vitro</i> 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
18	Effects of CYP2C19 variants on methadone metabolism in vitro. <i>Drug Testing and Analysis</i> , 2017, 9, 634-639.	2.6	22

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19	Identification and Functional Assessment of a New CYP2C9 Allelic Variant CYP2C9*59. Drug Metabolism and Disposition, 2015, 43, 1246-1249.	3.3	20
20	Effects of 22 Novel CYP2D6 Variants Found in the Chinese Population on the Bufuralol and Dextromethorphan Metabolisms In Vitro. Basic and Clinical Pharmacology and Toxicology, 2016, 118, 190-199.	2.5	20
21	Effects of Cytochrome P450 2C9 Polymorphism on Bosentan Metabolism. Drug Metabolism and Disposition, 2014, 42, 1820-1825.	3.3	18
22	Effect of CYP2C9 genetic polymorphism on the metabolism of flurbiprofen in vitro. Drug Development and Industrial Pharmacy, 2015, 41, 1363-1367.	2.0	18
23	Adipose-specific deletion of Kif5b exacerbates obesity and insulin resistance in a mouse model of diet-induced obesity. FASEB Journal, 2017, 31, 2533-2547.	0.5	17
24	In Vitro and In Vivo Characterization of 13 CYP2C9 Allelic Variants Found in Chinese Han Population. Drug Metabolism and Disposition, 2015, 43, 561-569.	3.3	16
25	Lowered Nudix type 5 (NUDT5) expression leads to cell cycle retardation in HeLa cells. Molecular and Cellular Biochemistry, 2012, 363, 377-384.	3.1	15
26	Evaluation of 24 CYP2D6 Variants on the Metabolism of Nebivolol In Vitro. Drug Metabolism and Disposition, 2016, 44, 1828-1831.	3.3	15
27	The effect of resveratrol on pharmacokinetics of aripiprazole in vivo and in vitro. Xenobiotica, 2016, 46, 439-444.	1.1	15
28	Cardiac Shock Wave Therapy Attenuates Cardiomyocyte Apoptosis after Acute Myocardial Infarction in Rats. Cellular Physiology and Biochemistry, 2018, 49, 1734-1746.	1.6	15
29	Structural changes in exon 11 of MEF2A are not related to sporadic coronary artery disease in Han Chinese population. European Journal of Clinical Investigation, 2010, 40, 669-677.	3.4	13
30	In vitro functional analysis of 24 novel CYP2C19 variants recently found in the Chinese Han population. Xenobiotica, 2015, 45, 1030-1035.	1.1	13
31	The role of CYP2C9 genetic polymorphism in carvedilol O-desmethylation in vitro. European Journal of Drug Metabolism and Pharmacokinetics, 2016, 41, 79-86.	1.6	13
32	Effect of CYP2D6 variants on venlafaxine metabolism in vitro. Xenobiotica, 2016, 46, 424-429.	1.1	13
33	Evaluation of acetaminophen inhibition potential against cytochrome P450 in vitro and in vivo. Chemico-Biological Interactions, 2020, 329, 109147.	4.0	13
34	Characterization of a Novel CYP2C9 Mutation (1009C>A) Detected in a Warfarin-Sensitive Patient. Journal of Pharmacological Sciences, 2014, 125, 150-156.	2.5	12
35	Identification and characterization of a novel CYP2C9 allelic variant in a warfarin-sensitive patient. Pharmacogenomics, 2015, 16, 1475-1486.	1.3	12
36	In vitro metabolism of phenytoin in 36 CYP2C9 variants found in the Chinese population. Chemico-Biological Interactions, 2016, 253, 93-99.	4.0	12

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37	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
38	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
39	Effects of avitinib on the pharmacokinetics of osimertinib in vitro and in vivo in rats. <i>Thoracic Cancer</i> , 2020, 11, 2775-2781.	1.9	10
40	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
41	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
42	Effects of 24 CYP2D6 Variants Found in the Chinese Population on the Metabolism of Risperidone. <i>Pharmacology</i> , 2015, 96, 290-295.	2.2	8
43	Effect of CYP2C9 Genetic Polymorphism in a Chinese Population on the Metabolism of Mestranol in vitro. <i>Pharmacology</i> , 2015, 95, 218-223.	2.2	8
44	Inhibition and Induction by Poziotinib of Different Rat Cytochrome P450 Enzymes In Vivo and in an In Vitro Cocktail Method. <i>Frontiers in Pharmacology</i> , 2020, 11, 593518.	3.5	8
45	Effect of 24 Cytochrome P450 2D6 Variants Found in the Chinese Population on Atomoxetine Metabolism in vitro. <i>Pharmacology</i> , 2016, 97, 78-83.	2.2	7
46	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
47	In Vitro and In Vivo Rat Model Assessments of the Effects of Vonoprazan on the Pharmacokinetics of Venlafaxine. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 4815-4824.	4.3	7
48	An identification and functional evaluation of a novel CYP2C9 variant CYP2C9*62. <i>Chemico-Biological Interactions</i> , 2020, 327, 109168.	4.0	7
49	Drug-drug interaction of losartan and glimepiride metabolism by recombinant microsome CYP2C9*1, 2C9*3, 2C9*13, and 2C9*16 in vitro. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2014, 52, 732-738.	0.6	7
50	Functional characterization of 22 novel CYP2D6 variants for the metabolism of Tamoxifen. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 819-825.	2.4	6
51	Effect of 22 Novel Cytochrome P450 2D6 (CYP2D6) Variants Found in the Chinese Population on Hemangeol Metabolism In Vitro. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2016, 41, 759-765.	1.6	6
52	Effects of CYP2C19 Variants on Fluoxetine Metabolism in vitro. <i>Pharmacology</i> , 2017, 100, 91-97.	2.2	6
53	Inhibitory Effect of Imperatorin on the Pharmacokinetics of Diazepam In Vitro and In Vivo. <i>Frontiers in Pharmacology</i> , 2020, 11, 01079.	3.5	6
54	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

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55	Effects of ticagrelor on the pharmacokinetics of rivaroxaban in rats. <i>Pharmaceutical Biology</i> , 2020, 58, 630-635.	2.9	5
56	Naringenin has an inhibitory effect on rivaroxaban in rats both in vitro and in vivo. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00782.	2.4	5
57	Effects of rare <i>CYP2C9</i> alleles on stable warfarin doses in Chinese Han patients with atrial fibrillation. <i>Pharmacogenomics</i> , 2020, 21, 1021-1031.	1.3	4
58	Effects of 22 <i>CYP2D6</i> Genetic Variations Newly Identified in Chinese Population on Olanzapine Metabolism in vitro. <i>Pharmacology</i> , 2016, 98, 124-133.	2.2	3
59	Pharmacogenetic-Guided Algorithm to Improve Daily Dose of Warfarin in Elder Han-Chinese Population. <i>Frontiers in Pharmacology</i> , 2020, 11, 1014.	3.5	3
60	Effects of dacomitinib on the pharmacokinetics of poziotinib in vivo and in vitro. <i>Pharmaceutical Biology</i> , 2021, 59, 457-464.	2.9	3
61	Two polymorphic mutations in promoter region of DNA polymerase β in relatively higher percentage of thymic hyperplasia patients. <i>Thoracic Cancer</i> , 2021, 12, 588-592.	1.9	3
62	Assessment of 25 <i>CYP2D6</i> 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
63	The Pol β variant containing exon \pm is deficient in DNA polymerase but has full dRP lyase activity. <i>Scientific Reports</i> , 2019, 9, 9928.	3.3	2
64	A family with Liddle's syndrome caused by a new c.1721 deletion mutation in the epithelial sodium channel β subunit. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 2777-2784.	1.8	2
65	Functional characterization of the defective <i>CYP2C9</i> variant <i>CYP2C9*18</i> . <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00718.	2.4	2
66	Polymorphic mutations in the <i>polb</i> gene promoter and their impact on transcriptional activity. <i>Thoracic Cancer</i> , 2022, 13, 853-857.	1.9	1
67	Effect of 24 cytochrome P450 2D6 variants found in the Chinese population on the N-demethylation of amitriptyline in vitro. <i>Pharmaceutical Biology</i> , 2016, 54, 2475-2479.	2.9	0
68	Effect of 22 <i>CYP2D6</i> variants found in the Chinese population on tolterodine metabolism in vitro. <i>Chemico-Biological Interactions</i> , 2017, 264, 10-15.	4.0	0
69	DNA Polymerase Mediates Robust Base Lesion Repair in Mammalian Mitochondria. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0