Fanfan Zhou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3344732/publications.pdf

Version: 2024-02-01

104 papers	2,559 citations	159585 30 h-index	243625 44 g-index
106 all docs	106 docs citations	106 times ranked	3262 citing authors

#	Article	IF	Citations
1	Compritol solid lipid nanoparticle formulations enhance the protective effect of betulinic acid derivatives in human MÃ¼ller cells against oxidative injury. Experimental Eye Research, 2022, 215, 108906.	2.6	9
2	The unfolded protein response and the biology of uveal melanoma. Biochimie, 2022, 197, 9-18.	2.6	1
3	The application of natural compounds in uveal melanoma drug discovery. Journal of Pharmacy and Pharmacology, 2022, 74, 660-680.	2.4	2
4	Polymyxin Induces Significant Transcriptomic Perturbations of Cellular Signalling Networks in Human Lung Epithelial Cells. Antibiotics, 2022, 11, 307.	3.7	0
5	Elaiophylin Inhibits Tumorigenesis of Human Uveal Melanoma by Suppressing Mitophagy and Inducing Oxidative Stress via Modulating SIRT1/FoxO3a Signaling. Frontiers in Oncology, 2022, 12, 788496.	2.8	7
6	Procyanidin B2 suppresses hyperglycemiaâ€'induced renal mesangial cell dysfunction by modulating CAVâ€'1â€'dependent signaling. Experimental and Therapeutic Medicine, 2022, 24, .	1.8	6
7	Preclinical Evaluation of Ixabepilone in Combination with VEGF Receptor and PARP Inhibitors in Taxane-Sensitive and Taxane-Resistant MDA-MB-231 Breast Cancer Cells. Journal of Pharmaceutical Sciences, 2022, , .	3.3	0
8	Ginkgo biloba Extract Attenuates Light-Induced Photoreceptor Degeneration by Modulating CAV-1â€"Redoxosome Signaling. Antioxidants, 2022, 11, 1268.	5.1	3
9	The multi-kinase inhibitor afatinib serves as a novel candidate for the treatment of human uveal melanoma. Cellular Oncology (Dordrecht), 2022, 45, 601-619.	4.4	1
10	Ubiquitinâ€"proteasome system-targeted therapy for uveal melanoma: what is the evidence?. Acta Pharmacologica Sinica, 2021, 42, 179-188.	6.1	9
11	Impaired Transport Activity of Human Organic Anion Transporters (OATs) and Organic Anion Transporting Polypeptides (OATPs) by Wnt Inhibitors. Journal of Pharmaceutical Sciences, 2021, 110, 914-924.	3.3	5
12	Tubeimoside II inhibits TGF-Î²1-induced metastatic progression of human retinoblastoma cells through suppressing redoxosome-dependent EGFR activation. Chemico-Biological Interactions, 2021, 335, 109367.	4.0	5
13	The Potential Application of Pentacyclic Triterpenoids in the Prevention and Treatment of Retinal Diseases. Planta Medica, 2021, 87, 511-527.	1.3	8
14	Development of new therapeutic options for the treatment of uveal melanoma. FEBS Journal, 2021, 288, 6226-6249.	4.7	19
15	Procyanidin B2 and rutin in Ginkgo biloba extracts protect human retinal pigment epithelial (RPE) cells from oxidative stress by modulating Nrf2 and Erk1/2 signalling. Experimental Eye Research, 2021, 207, 108586.	2.6	20
16	Ginkgolide J protects human synovial cells SW982 via suppression of p38â€'dependent production of proâ€'inflammatory mediators. Molecular Medicine Reports, 2021, 24, .	2.4	4
17	GinkgoÂbiloba extract protects human neuroblastoma SHâ€'SY5Y cells against oxidative glutamate toxicity by activating redoxosomeâ€'p66Shc. Experimental and Therapeutic Medicine, 2021, 22, 951.	1.8	3
18	Polymyxin-Induced Metabolic Perturbations in Human Lung Epithelial Cells. Antimicrobial Agents and Chemotherapy, 2021, 65, e0083521.	3.2	3

#	Article	IF	Citations
19	Editorial: Clinical Therapeutic Development Against Cancers Resistant to Targeted Therapies. Frontiers in Pharmacology, 2021, 12, 816896.	3.5	2
20	The involvement of human organic anion transporting polypeptides (OATPs) in drug-herb/food interactions. Chinese Medicine, 2020, 15, 71.	4.0	21
21	Interphotoreceptor Retinoid-Binding Protein (IRBP) in Retinal Health and Disease. Frontiers in Cellular Neuroscience, 2020, 14, 577935.	3.7	15
22	Optimization of inhalable liposomal powder formulations and evaluation of their in vitro drug delivery behavior in Calu-3 human lung epithelial cells. International Journal of Pharmaceutics, 2020, 586, 119570.	5.2	18
23	Association between SLCO1A2 genetic variation and methotrexate toxicity in human rheumatoid arthritis treatment. Journal of Biochemical and Molecular Toxicology, 2020, 34, e22513.	3.0	11
24	Intracellular localization of polymyxins in human alveolar epithelial cells. Journal of Antimicrobial Chemotherapy, 2019, 74, 48-57.	3.0	11
25	Betulinic acid derivatives can protect human MÃ¼ller cells from glutamate-induced oxidative stress. Experimental Cell Research, 2019, 383, 111509.	2.6	11
26	Evaluation of co-delivery of colistin and ciprofloxacin in liposomes using an in vitro human lung epithelial cell model. International Journal of Pharmaceutics, 2019, 569, 118616.	5.2	23
27	Simvastatin protects photoreceptors from oxidative stress induced by allâ€•trans â€•retinal, through the upâ€•regulation of interphotoreceptor retinoid binding protein. British Journal of Pharmacology, 2019, 176, 2063-2078.	5.4	10
28	A derivative of betulinic acid protects human Retinal Pigment Epithelial (RPE) cells from cobalt chloride-induced acute hypoxic stress. Experimental Eye Research, 2019, 180, 92-101.	2.6	20
29	Calreticulin regulates MYCN expression to control neuronal differentiation and stemness of neuroblastoma. Journal of Molecular Medicine, 2019, 97, 325-339.	3.9	7
30	Human macular MÃ¼ller cells rely more on serine biosynthesis to combat oxidative stress than those from the periphery. ELife, 2019, 8, .	6.0	38
31	Disruption of De Novo Serine Synthesis in MÃ¼ller Cells Induced Mitochondrial Dysfunction and Aggravated Oxidative Damage. Molecular Neurobiology, 2018, 55, 7025-7037.	4.0	49
32	The inhibitory effects of eighteen front-line antibiotics on the substrate uptake mediated by human Organic anion/cation transporters, Organic anion transporting polypeptides and Oligopeptide transporters in in vitro models. European Journal of Pharmaceutical Sciences, 2018, 115, 132-143.	4.0	10
33	The inhibitory effects of five alkaloids on the substrate transport mediated through human organic anion and cation transporters. Xenobiotica, 2018, 48, 197-205.	1.1	5
34	Triggering p53 activation is essential in ziyuglycoside Iâ€•induced human retinoblastoma WERIâ€Rbâ€1 cell apoptosis. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22001.	3.0	10
35	The 5â€²-AMP-Activated Protein Kinase Regulates the Function and Expression of Human Organic Anion Transporting Polypeptide 1A2. Molecular Pharmacology, 2018, 94, 1412-1420.	2.3	7
36	The role of solute carrier (SLC) transporters in actinomycin D pharmacokinetics in paediatric cancer patients. European Journal of Clinical Pharmacology, 2018, 74, 1575-1584.	1.9	3

#	Article	IF	Citations
37	The FoxM1-ABCC4 axis mediates carboplatin resistance in human retinoblastoma Y-79 cells. Acta Biochimica Et Biophysica Sinica, 2018, 50, 914-920.	2.0	34
38	Corosolic acid induces cell cycle arrest and cell apoptosis in human retinoblastoma Y-79 cells via disruption of MELK-FoxM1 signaling. Oncology Reports, 2018, 39, 2777-2786.	2.6	14
39	Paeoniflorin attenuates atRAL-induced oxidative stress, mitochondrial dysfunction and endoplasmic reticulum stress in retinal pigment epithelial cells via triggering Ca2+/CaMKII-dependent activation of AMPK. Archives of Pharmacal Research, 2018, 41, 1009-1018.	6.3	37
40	Characterization of canonical Wnt signalling changes after induced disruption of MÃ¼ller cell in murine retina. Experimental Eye Research, 2018, 175, 173-180.	2.6	9
41	Polyphyllin I Induces Cell Cycle Arrest and Cell Apoptosis in Human Retinoblastoma Y-79 Cells through Targeting p53. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 875-881.	1.7	16
42	Recent advance in the pharmacogenomics of human Solute Carrier Transporters (SLCs) in drug disposition. Advanced Drug Delivery Reviews, 2017, 116, 21-36.	13.7	61
43	Potential Toxicity of Polymyxins in Human Lung Epithelial Cells. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	34
44	Puerarin inhibits amyloid Î²-induced NLRP3 inflammasome activation in retinal pigment epithelial cells via suppressing ROS-dependent oxidative and endoplasmic reticulum stresses. Experimental Cell Research, 2017, 357, 335-340.	2.6	56
45	Trafficking and other regulatory mechanisms for organic anion transporting polypeptides and organic anion transporters that modulate cellular drug and xenobiotic influx and that are dysregulated in disease. British Journal of Pharmacology, 2017, 174, 1908-1924.	5.4	44
46	Amyloid Î² induces NLRP3 inflammasome activation in retinal pigment epithelial cells via NADPH oxidaseâ€• and mitochondriaâ€dependent ROS production. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21887.	3.0	53
47	Neuroprotective effect of tetramethylpyrazine against all-trans-retinal toxicity in the differentiated Y-79 cells via upregulation of IRBP expression. Experimental Cell Research, 2017, 359, 120-128.	2.6	12
48	Neuroprotective Effect of Puerarin on Glutamate-Induced Cytotoxicity in Differentiated Y-79 Cells via Inhibition of ROS Generation and Ca2+ Influx. International Journal of Molecular Sciences, 2016, 17, 1109.	4.1	20
49	Galectin-1 knockdown in carcinoma-associated fibroblasts inhibits migration and invasion of human MDA-MB-231 breast cancer cells by modulating MMP-9 expression. Acta Biochimica Et Biophysica Sinica, 2016, 48, 462-467.	2.0	32
50	Puerarin Protects Human Neuroblastoma SHâ€SY5Y Cells against Glutamateâ€Induced Oxidative Stress and Mitochondrial Dysfunction. Journal of Biochemical and Molecular Toxicology, 2016, 30, 22-28.	3.0	25
51	The Role of N-Glycosylation in Maintaining the Transporter Activity and Expression of Human Oligopeptide Transporter 1. Molecular Pharmaceutics, 2016, 13, 3449-3456.	4.6	5
52	FoxM1 inhibition enhances chemosensitivity of docetaxel-resistant A549 cells to docetaxel via activation of JNK/mitochondrial pathway. Acta Biochimica Et Biophysica Sinica, 2016, 48, 804-809.	2.0	26
53	Induction of oxidative and nitrosative stresses in human retinal pigment epithelial cells by all-trans-retinal. Experimental Cell Research, 2016, 348, 87-94.	2.6	24
54	Chloroquine and Hydroxychloroquine Are Novel Inhibitors of Human Organic Anion Transporting Polypeptide 1A2. Journal of Pharmaceutical Sciences, 2016, 105, 884-890.	3.3	61

#	Article	IF	Citations
55	The inhibitory effects of camptothecin (CPT) and its derivatives on the substrate uptakes mediated by human solute carrier transporters (SLCs). Xenobiotica, 2016, 46, 831-840.	1.1	12
56	Casein Kinase 2 Is a Novel Regulator of the Human Organic Anion Transporting Polypeptide 1A2 (OATP1A2) Trafficking. Molecular Pharmaceutics, 2016, 13, 144-154.	4.6	10
57	Human oligopeptide transporter 2 (PEPT2) mediates cellular uptake of polymyxins. Journal of Antimicrobial Chemotherapy, 2016, 71, 403-412.	3.0	52
58	Gas1 Knockdown Increases the Neuroprotective Effect of Glial Cell-Derived Neurotrophic Factor Against Glutamate-Induced Cell Injury in Human SH-SY5Y Neuroblastoma Cells. Cellular and Molecular Neurobiology, 2016, 36, 603-611.	3.3	9
59	Human organic anion transporting polypeptide 1<scp>A</scp>2 (<scp>OATP1A2</scp>) mediates cellular uptake of allâ€transâ€retinol in human retinal pigmented epithelial cells. British Journal of Pharmacology, 2015, 172, 2343-2353.	5.4	30
60	Dysregulation of interâ€photoreceptor retinoidâ€binding protein (IRBP) after induced MÃ¼ller cell disruption. Journal of Neurochemistry, 2015, 133, 909-918.	3.9	10
61	Ciliary neurotrophic factor protects SH-SY5Y neuroblastoma cells against AÎ² 1-42 -induced neurotoxicity via activating the JAK2/STAT3 axis. Folia Neuropathologica, 2015, 3, 226-235.	1.2	19
62	Tetramethylpyrazine Protects Retinal Capillary Endothelial Cells (TR-iBRB2) against IL-1Î²-Induced Nitrative/Oxidative Stress. International Journal of Molecular Sciences, 2015, 16, 21775-21790.	4.1	26
63	The Altered Renal and Hepatic Expression of Solute Carrier Transporters (SLCs) in Type 1 Diabetic Mice. PLoS ONE, 2015, 10, e0120760.	2.5	13
64	Putative Transmembrane Domain 6 of the Human Organic Anion Transporting Polypeptide 1A2 (OATP1A2) Influences Transporter Substrate Binding, Protein Trafficking, and Quality Control. Molecular Pharmaceutics, 2015, 12, 111-119.	4.6	20
65	High-level expression and one-step purification of a soluble recombinant human interleukin-37b in Escherichia coli. Protein Expression and Purification, 2015, 108, 18-22.	1.3	7
66	Original article Neuroprotective properties of ciliary neurotrophic factor on retinoic acid (RA)-predifferentiated SH-SY5Y neuroblastoma cells. Folia Neuropathologica, 2014, 2, 121-127.	1.2	8
67	Interactions of the active components ofPunica granatum(pomegranate) with the essential renal and hepatic human Solute Carrier transporters. Pharmaceutical Biology, 2014, 52, 1510-1517.	2.9	25
68	Interaction of the Bioactive Flavonol, Icariin, with the Essential Human Solute Carrier Transporters. Journal of Biochemical and Molecular Toxicology, 2014, 28, 91-97.	3.0	19
69	Investigation of Gallic Acid Induced Anticancer Effect in Human Breast Carcinoma MCFâ€7 Cells. Journal of Biochemical and Molecular Toxicology, 2014, 28, 387-393.	3.0	81
70	High level soluble expression, purification, and characterization of human ciliary neuronotrophic factor in Escherichia coli by single protein production system. Protein Expression and Purification, 2014, 96, 8-13.	1.3	4
71	Protective Effect of Paeoniflorin on AÎ²25â€“35-Induced SH-SY5Y Cell Injury by Preventing Mitochondrial Dysfunction. Cellular and Molecular Neurobiology, 2014, 34, 227-234.	3.3	90
72	Association ofSLC22A4Gene Polymorphism with Rheumatoid Arthritis in the Chinese Population. Journal of Biochemical and Molecular Toxicology, 2014, 28, 206-210.	3.0	13

#	Article	IF	Citations
73	Selective Inhibition of Human Solute Carrier Transporters by Multikinase Inhibitors. Drug Metabolism and Disposition, 2014, 42, 1851-1857.	3.3	55
74	Ziyuglycoside II induces cell cycle arrest and apoptosis through activation of ROS/JNK pathway in human breast cancer cells. Toxicology Letters, 2014, 227, 65-73.	0.8	62
75	Ultrasensitive detection of microRNA with isothermal amplification and a time-resolved fluorescence sensor. Biosensors and Bioelectronics, 2014, 57, 91-95.	10.1	35
76	PDZK1 and NHERF1 Regulate the Function of Human Organic Anion Transporting Polypeptide 1A2 (OATP1A2) by Modulating Its Subcellular Trafficking and Stability. PLoS ONE, 2014, 9, e94712.	2.5	24
77	The effect of puerarin against IL-1Î²-mediated leukostasis and apoptosis in retinal capillary endothelial cells (TR-iBRB2). Molecular Vision, 2014, 20, 1815-23.	1.1	25
78	Functional Analysis of Novel Polymorphisms in the Human SLCO1A2 Gene that Encodes the Transporter OATP1A2. AAPS Journal, 2013, 15, 1099-1108.	4.4	41
79	The Expression of ABC Efflux Pump, Rv1217câ€“Rv1218c, and Its Association with Multidrug Resistance of Mycobacterium tuberculosis in China. Current Microbiology, 2013, 66, 222-226.	2.2	54
80	Ziyuglycoside II Inhibits the Growth of Human Breast Carcinoma MDA-MB-435 Cells via Cell Cycle Arrest and Induction of Apoptosis through the Mitochondria Dependent Pathway. International Journal of Molecular Sciences, 2013, 14, 18041-18055.	4.1	43
81	Functional Analysis of Novel Variants in the Organic Cation/Ergothioneine Transporter 1 Identified in Singapore Populations. Molecular Pharmaceutics, 2013, 10, 2509-2516.	4.6	24
82	Anti-proliferative actions of Nâ€²-desmethylsorafenib in human breast cancer cells. Biochemical Pharmacology, 2013, 86, 419-427.	4.4	5
83	The Inhibitory Effects of the Bioactive Components Isolated from Scutellaria Baicalensis on the Cellular Uptake Mediated by the Essential Solute Carrier Transporters. Journal of Pharmaceutical Sciences, 2013, 102, 4205-4211.	3.3	35
84	Antiproliferative and Antimigratory Actions of Synthetic Long Chain n-3 Monounsaturated Fatty Acids in Breast Cancer Cells That Overexpress Cyclooxygenase-2. Journal of Medicinal Chemistry, 2012, 55, 7163-7172.	6.4	28
85	Role of human CYP3A4 in the biotransformation of sorafenib to its major oxidized metabolites. Biochemical Pharmacology, 2012, 84, 215-223.	4.4	50
86	Protein kinase C regulates the internalization and function of the human organic anion transporting polypeptide 1A2. British Journal of Pharmacology, 2011, 162, 1380-1388.	5.4	41
87	Functional analysis of pharmacogenetic variants of human organic cation/carnitine transporter 2 (hOCTN2) identified in Singaporean populations. Biochemical Pharmacology, 2011, 82, 1692-1699.	4.4	14
88	Roles of Mitogen-Activated Protein Kinases in the Regulation of CYP Genes. Current Drug Metabolism, 2010, 11, 850-858.	1.2	7
89	Functional characterization of nonsynonymous single nucleotide polymorphisms in the human organic anion transporter 4 (hOAT4). British Journal of Pharmacology, 2010, 159, 419-427.	5.4	34
90	Impaired transactivation of the human CYP2J2 arachidonic acid epoxygenase gene in HepG2 cells subjected to nitrative stress. British Journal of Pharmacology, 2010, 159, 1440-1449.	5.4	19

#	Article	IF	Citations
91	Putative Transmembrane Domain 12 of the Human Organic Anion Transporter hOAT1 Determines Transporter Stability and Maturation Efficiency. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 650-658.	2.5	12
92	Comparison of the Interaction of Human Organic Anion Transporter hOAT4 with PDZ Proteins between Kidney Cells and Placental Cells. Pharmaceutical Research, 2008, 25, 475-480.	3.5	28
93	Regulation of human organic anion transporter 4 by progesterone and protein kinase C in human placental BeWo cells. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E57-E61.	3.5	39
94	The Putative Transmembrane Segment 7 of Human Organic Anion Transporter hOAT1 Dictates Transporter Substrate Binding and Stability. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 1209-1215.	2.5	16
95	Molecular Insights into the Structureâ€"Function Relationship of Organic Anion Transporters OATs. Pharmaceutical Research, 2006, 24, 28-36.	3.5	69
96	Functional characterization of a human organic anion transporter hOAT4 in placental BeWo cells. European Journal of Pharmaceutical Sciences, 2006, 27, 518-523.	4.0	34
97	The Role of N-Linked Glycosylation in Protein Folding, Membrane Targeting, and Substrate Binding of Human Organic Anion Transporter hOAT4. Molecular Pharmacology, 2005, 67, 868-876.	2.3	103
98	Human Organic Anion Transporter hOAT1 Forms Homooligomers. Journal of Biological Chemistry, 2005, 280, 32285-32290.	3.4	42
99	Critical Amino Acid Residues in Transmembrane Domain 1 of the Human Organic Anion Transporter hOAT1. Journal of Biological Chemistry, 2004, 279, 31478-31482.	3.4	38
100	Role of Glycosylation in the Organic Anion Transporter OAT1. Journal of Biological Chemistry, 2004, 279, 14961-14966.	3.4	109
101	The Role of Glycine Residues in the Function of Human Organic Anion Transporter 4. Molecular Pharmacology, 2004, 65, 1141-1147.	2.3	30
102	Cysteine residues in the organic anion transporter mOAT1. Biochemical Journal, 2004, 380, 283-287.	3.7	28
103	Mutational analysis of histidine residues in human organic anion transporter 4 (hOAT4). Biochemical Journal, 2004, 384, 87-92.	3.7	16
104	Characterization of an organic anion transport system in a placental cell line. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E1103-E1109.	3.5	12