

Yu Fukuda

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,074
citations

516710

16
h-index

752698

20
g-index

32
all docs

32
docs citations

32
times ranked

1737
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a mammalian mitochondrial porphyrin transporter. <i>Nature</i> , 2006, 443, 586-589.	27.8	320
2	Distribution of sphingosine kinase activity in mouse tissues: contribution of SPHK1. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 155-160.	2.1	109
3	ABC transporters and their role in nucleoside and nucleotide drug resistance. <i>Biochemical Pharmacology</i> , 2012, 83, 1073-1083.	4.4	97
4	Obstacles to Brain Tumor Therapy: Key ABC Transporters. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2544.	4.1	67
5	ATP-dependent Mitochondrial Porphyrin Importer ABCB6 Protects against Phenylhydrazine Toxicity. <i>Journal of Biological Chemistry</i> , 2012, 287, 12679-12690.	3.4	57
6	Cell Survival under Stress Is Enhanced by a Mitochondrial ATP-Binding Cassette Transporter That Regulates Hemoproteins. <i>Cancer Research</i> , 2009, 69, 5560-5567.	0.9	48
7	The ABCB4 membrane transporter modulates platelet aggregation. <i>Blood</i> , 2015, 126, 2307-2319.	1.4	41
8	Identification of PECAM-1 association with sphingosine kinase 1 and its regulation by agonist-induced phosphorylation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2004, 1636, 12-21.	2.4	38
9	Human Immunodeficiency Virus Protease Inhibitors Interact with ATP Binding Cassette Transporter 4/Multidrug Resistance Protein 4: A Basis for Unanticipated Enhanced Cytotoxicity. <i>Molecular Pharmacology</i> , 2013, 84, 361-371.	2.3	38
10	Conserved Intramolecular Disulfide Bond Is Critical to Trafficking and Fate of ATP-binding Cassette (ABC) Transporters ABCB6 and Sulfonylurea Receptor 1 (SUR1)/ABCC8. <i>Journal of Biological Chemistry</i> , 2011, 286, 8481-8492.	3.4	37
11	Leukemia and ABC Transporters. <i>Advances in Cancer Research</i> , 2015, 125, 171-196.	5.0	37
12	The severity of hereditary porphyria is modulated by the porphyrin exporter and Lan antigen ABCB6. <i>Nature Communications</i> , 2016, 7, 12353.	12.8	37
13	Upregulated heme biosynthesis, an exploitable vulnerability in MYCN-driven leukemogenesis. <i>JCI Insight</i> , 2017, 2, .	5.0	37
14	ABCB6, an ABC Transporter Impacting Drug Response and Disease. <i>AAPS Journal</i> , 2018, 20, 8.	4.4	36
15	ABCG2 Transporter Expression Impacts Group 3 Medulloblastoma Response to Chemotherapy. <i>Cancer Research</i> , 2015, 75, 3879-3889.	0.9	30
16	ABCG2 requires a single aromatic amino acid to clamp substrates and inhibitors into the binding pocket. <i>FASEB Journal</i> , 2020, 34, 4890-4903.	0.5	30
17	Metabolomic and transcriptomic analysis reveals endogenous substrates and metabolic adaptation in rats lacking Abcg2 and Abcb1a transporters. <i>PLoS ONE</i> , 2021, 16, e0253852.	2.5	6
18	N-Myc Is Overexpressed In Both Murine and Human Early T-Cell Precursor Leukemia and Is Sufficient To Initiate this Leukemia In Multipotent Primitive Arf-/- thymocytes. <i>Blood</i> , 2013, 122, 348-348.	1.4	5

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19	Heme Interaction with the Pyruvate Dehydrogenase Complex: A Novel Strategy to Promote Hypoxic Survival. <i>FASEB Journal</i> , 2019, 33, 652.12.	0.5	3
20	Metabolic switching in pluripotent stem cells reorganizes energy metabolism and subcellular organelles. <i>Experimental Cell Research</i> , 2019, 379, 55-64.	2.6	1
21	The heme biosynthetic pathway plays a crucial role in N-MYC myeloid leukemias. <i>Experimental Hematology</i> , 2015, 43, S63.	0.4	0
22	Biology of Mitochondrial ABCs and Their Contribution to Pathology. , 2016, , 273-296.		0
23	The ABCs of Mitochondrial Metabolic Disorders. , 2011, , 181-208.		0
24	Exploiting ABCG2 Inhibition to Improve Cancer Therapy. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR34-4.	0.0	0
25	Is Inhibitor Binding the Sole Requirement in Determining Inhibition of ABCG2 Mediated Transport?. <i>FASEB Journal</i> , 2018, 32, 693.9.	0.5	0
26	Genetic Ablation of the ABC Transporter Abcc4 Impairs Lymphoid Leukemogenesis. <i>FASEB Journal</i> , 2018, 32, 695.15.	0.5	0
27	Venetoclax Synergistically Enhances the Antileukemic Activity of Imipridone ONC213, a Novel Imipridone ONC201 Analog, in Acute Myeloid Leukemia. <i>Blood</i> , 2018, 132, 3936-3936.	1.4	0
28	Developing Inhibitors that Exploit ABCG2 and Cancer Dependencies to Improve Therapeutic Outcome. <i>FASEB Journal</i> , 2019, 33, .	0.5	0
29	Determining the Molecular Characteristics of How Ligands Interact with an ABC Transporter. <i>FASEB Journal</i> , 2019, 33, 507.4.	0.5	0
30	An Evolutionarily Conserved Residue in ABCG2 Regulates the Transport Cycle and Inhibitor Activity. <i>FASEB Journal</i> , 2022, 36, .	0.5	0