

Ekaitz Errasti-Murugarren

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,041
citations

471509

17
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

1359
citing authors

#	ARTICLE	IF	CITATIONS
1	Deficient Endoplasmic Reticulum-Mitochondrial Phosphatidylserine Transfer Causes Liver Disease. <i>Cell</i> , 2019, 177, 881-895.e17.	28.9	209
2	Molecular basis of substrate-induced permeation by an amino acid antiporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3935-3940.	7.1	139
3	SLC28 genes and concentrative nucleoside transporter (CNT) proteins. <i>Xenobiotica</i> , 2008, 38, 972-994.	1.1	74
4	Drug transporter pharmacogenetics in nucleoside-based therapies. <i>Pharmacogenomics</i> , 2010, 11, 809-841.	1.3	60
5	Role of CNT3 in the transepithelial flux of nucleosides and nucleoside-derived drugs. <i>Journal of Physiology</i> , 2007, 582, 1249-1260.	2.9	57
6	L amino acid transporter structure and molecular bases for the asymmetry of substrate interaction. <i>Nature Communications</i> , 2019, 10, 1807.	12.8	57
7	A splice variant of the <i>SLC28A3</i> gene encodes a novel human concentrative nucleoside transporter (hCNT3) protein localized in the endoplasmic reticulum. <i>FASEB Journal</i> , 2009, 23, 172-182.	0.5	42
8	Expression of concentrative nucleoside transporters SLC28 (CNT1, CNT2, and CNT3) along the rat nephron: Effect of diabetes. <i>Kidney International</i> , 2005, 68, 665-672.	5.2	41
9	Mutations in L-type amino acid transporter-2 support SLC7A8 as a novel gene involved in age-related hearing loss. <i>ELife</i> , 2018, 7, .	6.0	38
10	Expression and Distribution of Nucleoside Transporter Proteins in the Human Syncytiotrophoblast. <i>Molecular Pharmacology</i> , 2011, 80, 809-817.	2.3	32
11	Concentrative nucleoside transporters (CNTs) in epithelia: from absorption to cell signaling. <i>Journal of Physiology and Biochemistry</i> , 2007, 63, 97-110.	3.0	31
12	Heteromeric amino acid transporters. In search of the molecular bases of transport cycle mechanisms. <i>Biochemical Society Transactions</i> , 2016, 44, 745-752.	3.4	29
13	Functional Characterization of a Nucleoside-Derived Drug Transporter Variant (hCNT3C602R) Showing Altered Sodium-Binding Capacity. <i>Molecular Pharmacology</i> , 2008, 73, 379-386.	2.3	28
14	Dysfunctional LAT2 Amino Acid Transporter Is Associated With Cataract in Mouse and Humans. <i>Frontiers in Physiology</i> , 2019, 10, 688.	2.8	28
15	Nucleoside transporters and human organic cation transporter 1 determine the cellular handling of DNA methyltransferase inhibitors. <i>British Journal of Pharmacology</i> , 2014, 171, 3868-3880.	5.4	21
16	Facilitated Diffusion of Proline across Membranes of Liposomes and Living Cells by a Calix[4]pyrrole Cavitand. <i>CheM</i> , 2020, 6, 3054-3070.	11.7	20
17	The Human Concentrative Nucleoside Transporter-3 C602R Variant Shows Impaired Sorting to Lipid Rafts and Altered Specificity for Nucleoside-Derived Drugs. <i>Molecular Pharmacology</i> , 2010, 78, 157-165.	2.3	19
18	Membrane Protein Stabilization Strategies for Structural and Functional Studies. <i>Membranes</i> , 2021, 11, 155.	3.0	17

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19	Different N-Terminal Motifs Determine Plasma Membrane Targeting of the Human Concentrative Nucleoside Transporter 3 in Polarized and Nonpolarized Cells. <i>Molecular Pharmacology</i> , 2010, 78, 795-803.	2.3	15
20	Functional analysis of the human concentrative nucleoside transporter-1 variant hCNT1S546P provides insight into the sodium-binding pocket. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C257-C266.	4.6	12
21	Role of the Transporter Regulator Protein (RS1) in the Modulation of Concentrative Nucleoside Transporters (CNTs) in Epithelia. <i>Molecular Pharmacology</i> , 2012, 82, 59-67.	2.3	12
22	Structural basis for substrate specificity of heteromeric transporters of neutral amino acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	11
23	Functional outcome of a novel SLC29A3 mutation identified in a patient with H syndrome. <i>Biochemical and Biophysical Research Communications</i> , 2012, 428, 532-537.	2.1	10
24	Stabilization of a prokaryotic LAT transporter by random mutagenesis. <i>Journal of General Physiology</i> , 2016, 147, 353-368.	1.9	10
25	Heteromeric Amino Acid Transporters in Brain: from Physiology to Pathology. <i>Neurochemical Research</i> , 2022, 47, 23-36.	3.3	10
26	Functional characterization of the alanine-serine-cysteine exchanger of <i>Carnobacterium</i> sp AT7. <i>Journal of General Physiology</i> , 2019, 151, 505-517.	1.9	8
27	Rush Hour of LATs towards Their Transport Cycle. <i>Membranes</i> , 2021, 11, 602.	3.0	7
28	Split GFP Complementation as Reporter of Membrane Protein Expression and Stability in <i>E. coli</i> : A Tool to Engineer Stability in a LAT Transporter. <i>Methods in Molecular Biology</i> , 2017, 1586, 181-195.	0.9	2
29	Interaction of nucleoside derivatives with the human Na ⁺ /nucleoside cotransporters CNT1 and CNT3. <i>FASEB Journal</i> , 2008, 22, 133-133.	0.5	1
30	HATs meet structural biology. <i>Current Opinion in Structural Biology</i> , 2022, 74, 102389.	5.7	1