

MarÃ§al Pastor-Anglada

List of Publications by Year in descending order

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136
papers

4,546
citations

76326

40
h-index

133252

59
g-index

138
all docs

138
docs citations

138
times ranked

4294
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleoside transporter profiles in human pancreatic cancer cells: role of hCNT1 in 2',2'-difluorodeoxycytidine- induced cytotoxicity. <i>Clinical Cancer Research</i> , 2003, 9, 5000-8.	7.0	144
2	Nucleoside Transporter Proteins. <i>Current Vascular Pharmacology</i> , 2009, 7, 426-434.	1.7	135
3	Cell entry and export of nucleoside analogues. <i>Virus Research</i> , 2005, 107, 151-164.	2.2	127
4	In situ hybridization and immunolocalization of concentrative and equilibrative nucleoside transporters in the human intestine, liver, kidneys, and placenta. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1809-R1822.	1.8	126
5	Transport of Lamivudine [(-)-2',3'-Dideoxy-3-thiacytidine] and High-Affinity Interaction of Nucleoside Reverse Transcriptase Inhibitors with Human Organic Cation Transporters 1, 2, and 3. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 252-261.	2.5	125
6	Gemcitabine chemoresistance in pancreatic cancer: Molecular mechanisms and potential solutions. <i>Scandinavian Journal of Gastroenterology</i> , 2009, 44, 782-786.	1.5	113
7	Emerging Roles of Nucleoside Transporters. <i>Frontiers in Pharmacology</i> , 2018, 9, 606.	3.5	105
8	Fludarabine uptake mechanisms in B-cell chronic lymphocytic leukemia. <i>Blood</i> , 2003, 101, 2328-2334.	1.4	101
9	Macrophages require different nucleoside transport systems for proliferation and activation. <i>FASEB Journal</i> , 2001, 15, 1979-1988.	0.5	94
10	Extracellular adenosine activates AMP-dependent protein kinase (AMPK). <i>Journal of Cell Science</i> , 2006, 119, 1612-1621.	2.0	87
11	Who Is Who in Adenosine Transport. <i>Frontiers in Pharmacology</i> , 2018, 9, 627.	3.5	85
12	Expression of the nucleoside-derived drug transporters hCNT1, hENT1 and hENT2 in gynecologic tumors. <i>International Journal of Cancer</i> , 2004, 112, 959-966.	5.1	84
13	Nucleoside transporter proteins as biomarkers of drug responsiveness and drug targets. <i>Frontiers in Pharmacology</i> , 2015, 6, 13.	3.5	84
14	Complex regulation of nucleoside transporter expression in epithelial and immune system cells. <i>Molecular Membrane Biology</i> , 2001, 18, 81-85.	2.0	80
15	Role of the Human Concentrative Nucleoside Transporter (hCNT1) In the Cytotoxic Action of 5[Prime]-Deoxy-5-fluorouridine, an Active Intermediate Metabolite of Capecitabine, a Novel Oral Anticancer Drug. <i>Molecular Pharmacology</i> , 2001, 59, 1542-1548.	2.3	79
16	Equilibrative Nucleoside Transporter 1 Expression Is Downregulated by Hypoxia in Human Umbilical Vein Endothelium. <i>Circulation Research</i> , 2005, 97, 16-24.	4.5	77
17	Lipopolysaccharide-induced Apoptosis of Macrophages Determines the Up-regulation of Concentrative Nucleoside Transporters Cnt1 and Cnt2 through Tumor Necrosis Factor- α -dependent and -independent Mechanisms. <i>Journal of Biological Chemistry</i> , 2001, 276, 30043-30049.	3.4	75
18	Differential expression and regulation of nucleoside transport systems in rat liver parenchymal and hepatoma cells. <i>Hepatology</i> , 1998, 28, 1504-1511.	7.3	73

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19	No Correlation between the Expression of FXR and Genes Involved in Multidrug Resistance Phenotype of Primary Liver Tumors. <i>Molecular Pharmaceutics</i> , 2012, 9, 1693-1704.	4.6	73
20	Expression and Functionality of Anti-Human Immunodeficiency Virus and Anticancer Drug Uptake Transporters in Immune Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 558-567.	2.5	66
21	Expression of human equilibrative nucleoside transporter 1 (hENT1) and its correlation with gemcitabine uptake and cytotoxicity in mantle cell lymphoma. <i>Haematologica</i> , 2006, 91, 895-902.	3.5	63
22	Drug uptake transporters in antiretroviral therapy. , 2011, 132, 268-279.		62
23	Expression and hepatobiliary transport characteristics of the concentrative and equilibrative nucleoside transporters in sandwich-cultured human hepatocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, G570-G580.	3.4	61
24	Drug transporter pharmacogenetics in nucleoside-based therapies. <i>Pharmacogenomics</i> , 2010, 11, 809-841.	1.3	60
25	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
26	Transporters that translocate nucleosides and structural similar drugs: structural requirements for substrate recognition. <i>Medicinal Research Reviews</i> , 2012, 32, 428-457.	10.5	57
27	Regulation of Nucleoside Transport by Lipopolysaccharide, Phorbol Esters, and Tumor Necrosis Factor- α in Human B-lymphocytes. <i>Journal of Biological Chemistry</i> , 1998, 273, 26939-26945.	3.4	56
28	Selective loss of nucleoside carrier expression in rat hepatocarcinomas. <i>Hepatology</i> , 2000, 32, 239-246.	7.3	55
29	Electrogenic uptake of nucleosides and nucleoside-derived drugs by the human nucleoside transporter 1 (hCNT1) expressed in <i>Xenopus laevis</i> oocytes. <i>FEBS Letters</i> , 2000, 481, 137-140.	2.8	52
30	ATP-Sensitive K ⁺ Channels Regulate the Concentrative Adenosine Transporter CNT2 following Activation by A ₁ Adenosine Receptors. <i>Molecular and Cellular Biology</i> , 2004, 24, 2710-2719.	2.3	51
31	A Mild Form of SLC29A3 Disorder: A Frameshift Deletion Leads to the Paradoxical Translation of an Otherwise Noncoding mRNA Splice Variant. <i>PLoS ONE</i> , 2012, 7, e29708.	2.5	50
32	Nitric oxide reduces SLC29A1 promoter activity and adenosine transport involving transcription factor complex hCHOP/C/EBP β in human umbilical vein endothelial cells from gestational diabetes. <i>Cardiovascular Research</i> , 2010, 86, 45-54.	3.8	49
33	Nitric oxide reduces adenosine transporter ENT1 gene (SLC29A1) promoter activity in human fetal endothelium from gestational diabetes. <i>Journal of Cellular Physiology</i> , 2006, 208, 451-460.	4.1	48
34	Distribution of CNT2 and ENT1 transcripts in rat brain: selective decrease of CNT2 mRNA in the cerebral cortex of sleep-deprived rats. <i>Journal of Neurochemistry</i> , 2004, 90, 883-893.	3.9	45
35	Ribonucleotide reductase is an effective target to overcome gemcitabine resistance in gemcitabine-resistant pancreatic cancer cells with dual resistant factors. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 319-325.	2.5	45
36	Concentrative Nucleoside Transporter (rCNT1) Is Targeted to the Apical Membrane through the Hepatic Transcytotic Pathway. <i>Experimental Cell Research</i> , 2002, 281, 77-85.	2.6	42

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37	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
38	Interferon- β regulates nucleoside transport systems in macrophages through signal transduction and activator of transduction factor 1 (STAT1)-dependent and -independent signalling pathways. <i>Biochemical Journal</i> , 2003, 375, 777-783.	3.7	41
39	Electrophysiological Characterization of the Human Na ⁺ /Nucleoside Cotransporter 1 (hCNT1) and Role of Adenosine on hCNT1 Function. <i>Journal of Biological Chemistry</i> , 2004, 279, 8999-9007.	3.4	41
40	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
41	Developmental regulation of the concentrative nucleoside transporters CNT1 and CNT2 in rat liver. <i>Journal of Hepatology</i> , 2001, 34, 873-880.	3.7	40
42	Cell-cycle-dependent regulation of CNT1, a concentrative nucleoside transporter involved in the uptake of cell-cycle-dependent nucleoside-derived anticancer drugs. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 575-579.	2.1	40
43	Adenoviral-mediated overexpression of human equilibrative nucleoside transporter 1 (hENT1) enhances gemcitabine response in human pancreatic cancer. <i>Biochemical Pharmacology</i> , 2008, 76, 322-329.	4.4	40
44	Adenosine mediates transforming growth factor- β 1 release in kidney glomeruli of diabetic rats. <i>FEBS Letters</i> , 2009, 583, 3192-3198.	2.8	39
45	Interaction of Nucleoside Inhibitors of HIV-1 Reverse Transcriptase with the Concentrative Nucleoside Transporter-1 (Slc28A1). <i>Antiviral Therapy</i> , 2004, 9, 993-1002.	1.0	39
46	Transport of Nucleoside Analogs Across the Plasma Membrane: A Clue to Understanding Drug-Induced Cytotoxicity. <i>Current Drug Metabolism</i> , 2009, 10, 347-358.	1.2	38
47	Adenosine A2B receptor-mediated VEGF induction promotes diabetic glomerulopathy. <i>Laboratory Investigation</i> , 2013, 93, 135-144.	3.7	36
48	Intestinal Nucleoside Transporters: Function, Expression, and Regulation. , 2018, 8, 1003-1017.		35
49	Role of SLC22A1 polymorphic variants in drug disposition, therapeutic responses, and drug-drug interactions. <i>Pharmacogenomics Journal</i> , 2015, 15, 473-487.	2.0	34
50	The Osmoregulatory and the Amino Acid-regulated Responses of System A Are Mediated by Different Signal Transduction Pathways. <i>Journal of General Physiology</i> , 2003, 122, 5-16.	1.9	32
51	Long Term Endocrine Regulation of Nucleoside Transporters in Rat Intestinal Epithelial Cells. <i>Journal of General Physiology</i> , 2004, 124, 505-512.	1.9	32
52	Expression and Distribution of Nucleoside Transporter Proteins in the Human Syncytiotrophoblast. <i>Molecular Pharmacology</i> , 2011, 80, 809-817.	2.3	32
53	Early induction of Na ⁺ -dependent uridine uptake in the regenerating rat liver. <i>FEBS Letters</i> , 1993, 316, 85-88.	2.8	29
54	Expression of the High-Affinity Fluoropyrimidine-Preferring Nucleoside Transporter hCNT1 Correlates with Decreased Disease-Free Survival in Breast Cancer. <i>Oncology</i> , 2006, 70, 238-244.	1.9	29

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55	Downregulation of duodenal SLC transporters and activation of proinflammatory signaling constitute the early response to high altitude in humans. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G673-G688.	3.4	29
56	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
57	Aquaporin 3 (AQP3) participates in the cytotoxic response to nucleoside-derived drugs. <i>BMC Cancer</i> , 2012, 12, 434.	2.6	28
58	Nucleoside uptake in rat liver parenchymal cells. <i>Biochemical Journal</i> , 1996, 317, 835-842.	3.7	27
59	Human equilibrative nucleoside transporter-1 (hENT1) is required for the transcriptomic response of the nucleoside-derived drug 5-DFUR in breast cancer MCF7 cells. <i>Biochemical Pharmacology</i> , 2006, 72, 1646-1656.	4.4	27
60	High D-glucose reduces SLC29A1 promoter activity and adenosine transport involving specific protein 1 in human umbilical vein endothelium. <i>Journal of Cellular Physiology</i> , 2008, 215, 645-656.	4.1	27
61	Reduced Adenosine Uptake and Its Contribution to Signaling that Mediates Profibrotic Activation in Renal Tubular Epithelial Cells: Implication in Diabetic Nephropathy. <i>PLoS ONE</i> , 2016, 11, e0147430.	2.5	27
62	Nitric oxide regulates nucleoside transport in activated B lymphocytes. <i>Journal of Leukocyte Biology</i> , 2000, 67, 345-349.	3.3	26
63	Up-regulation of the high-affinity pyrimidine-preferring nucleoside transporter concentrative nucleoside transporter 1 by tumor necrosis factor-alpha and interleukin-6 in liver parenchymal cells. <i>Journal of Hepatology</i> , 2004, 41, 538-544.	3.7	26
64	Hypoxia and P1 receptor activation regulate the high-affinity concentrative adenosine transporter CNT2 in differentiated neuronal PC12 cells. <i>Biochemical Journal</i> , 2013, 454, 437-445.	3.7	26
65	Up-regulation of system A activity in the regenerating rat liver. <i>FEBS Letters</i> , 1993, 329, 189-193.	2.8	23
66	Compensatory effects of the human nucleoside transporters on the response to nucleoside-derived drugs in breast cancer MCF7 cells. <i>Biochemical Pharmacology</i> , 2008, 75, 639-648.	4.4	23
67	CD69 expression potentially predicts response to bendamustine and its modulation by ibrutinib or idelalisib enhances cytotoxic effect in chronic lymphocytic leukemia. <i>Oncotarget</i> , 2016, 7, 5507-5520.	1.8	23
68	Bile acids alter the subcellular localization of CNT2 (concentrative nucleoside cotransporter) and increase CNT2-related transport activity in liver parenchymal cells. <i>Biochemical Journal</i> , 2006, 395, 337-344.	3.7	22
69	Phosphorylation of RS1 (RSC1A1) Steers Inhibition of Different Exocytotic Pathways for Glucose Transporter SGLT1 and Nucleoside Transporter CNT1, and an RS1-Derived Peptide Inhibits Glucose Absorption. <i>Molecular Pharmacology</i> , 2016, 89, 118-132.	2.3	22
70	Effects of epidermal growth factor (urogastrone) on gluconeogenesis, glucose oxidation, and glycogen synthesis in isolated rat hepatocytes. <i>Biochemistry and Cell Biology</i> , 1989, 67, 724-729.	2.0	21
71	All-trans-retinoic Acid Promotes Trafficking of Human Concentrative Nucleoside Transporter-3 (hCNT3) to the Plasma Membrane by a TGF- β 1-mediated Mechanism. <i>Journal of Biological Chemistry</i> , 2010, 285, 13589-13598.	3.4	21
72	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

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73	Transportome Profiling Identifies Profound Alterations in Crohn's Disease Partially Restored by Commensal Bacteria. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 850-859.	1.3	21
74	Altered Expression of Nucleoside Transporter Genes (SLC28 and SLC29) in Adipose Tissue from HIV-1 Infected Patients. <i>Antiviral Therapy</i> , 2007, 12, 853-864.	1.0	21
75	Transcription factors involved in the expression of SLC28 genes in human liver parenchymal cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 381-388.	2.1	20
76	Identification of TIGAR in the equilibrative nucleoside transporter 2-mediated response to fludarabine in chronic lymphocytic leukemia cells. <i>Haematologica</i> , 2008, 93, 1843-1851.	3.5	20
77	TGF- β 1 inhibits expression and activity of hENT1 in a nitric oxide-dependent manner in human umbilical vein endothelium. <i>Cardiovascular Research</i> , 2009, 82, 458-467.	3.8	20
78	Effects of cyclosporine A on Na,K-ATPase expression in the renal epithelial cell line NBL-1. <i>Kidney International</i> , 1996, 50, 1483-1489.	5.2	19
79	Physiological characteristics of allo-cholic acid. <i>Journal of Lipid Research</i> , 2003, 44, 84-92.	4.2	19
80	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
81	Carrier-mediated uptake of L-(+)-lactate in plasma membrane vesicles from rat liver. <i>FEBS Letters</i> , 1988, 235, 224-228.	2.8	18
82	Expression of Sodium-Dependent Purine Nucleoside Carrier (SPNT) mRNA Correlates with Nucleoside Transport Activity in Rat Liver. <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 572-575.	2.1	18
83	Link between high-affinity adenosine concentrative nucleoside transporter (CNT2) and energy metabolism in intestinal and liver parenchymal cells. <i>Journal of Cellular Physiology</i> , 2010, 225, 620-630.	4.1	18
84	Human organic cation transporter 1 (hOCT1) as a mediator of bendamustine uptake and cytotoxicity in chronic lymphocytic leukemia (CLL) cells. <i>Pharmacogenomics Journal</i> , 2015, 15, 363-371.	2.0	18
85	32 P-Azido- 32 P-Dideoxythymidine (Zidovudine) Uptake Mechanisms in T Lymphocytes. <i>Antiviral Therapy</i> , 2006, 11, 803-812.	1.0	18
86	Enhancement of fludarabine sensitivity by all-trans-retinoic acid in chronic lymphocytic leukemia cells. <i>Haematologica</i> , 2012, 97, 943-951.	3.5	17
87	Na ⁺ -Dependent Alanine Transport in Plasma Membrane Vesicles from Late-Pregnant Rat Livers. <i>Pediatric Research</i> , 1989, 26, 448-451.	2.3	16
88	Na ⁺ ,K ⁺ -ATPase expression during the early phase of liver growth after partial hepatectomy. <i>FEBS Letters</i> , 1995, 362, 85-88.	2.8	16
89	P-glycoprotein (ABC1) activity decreases raltegravir disposition in primary CD4 ⁺ -gp ^{high} cells and correlates with HIV-1 viral load. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 2782-2792.	3.0	16
90	Role of Human Organic Cation Transporter 1 (hOCT1) Polymorphisms in Lamivudine (3TC) Uptake and Drug-Drug Interactions. <i>Frontiers in Pharmacology</i> , 2016, 7, 175.	3.5	16

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91	Novel nuclear hENT2 isoforms regulate cell cycle progression via controlling nucleoside transport and nuclear reservoir. Cellular and Molecular Life Sciences, 2016, 73, 4559-4575.	5.4	16
92	Different N-Terminal Motifs Determine Plasma Membrane Targeting of the Human Concentrative Nucleoside Transporter 3 in Polarized and Nonpolarized Cells. Molecular Pharmacology, 2010, 78, 795-803.	2.3	15
93	Translocation of Nucleoside Analogs Across the Plasma Membrane in Hematologic Malignancies. Nucleosides, Nucleotides and Nucleic Acids, 2011, 30, 1324-1340.	1.1	15
94	New role of the human equilibrative nucleoside transporter 1 (hENT1) in Epithelial to Mesenchymal transition in renal tubular cells. Journal of Cellular Physiology, 2012, 227, 1521-1528.	4.1	15
95	Na ⁺ ,K ⁺ -ATPase Expression in Maleic-Acid-Induced Fanconi Syndrome in Rats. Clinical Science, 1997, 92, 247-253.	4.3	12
96	Functional analysis of the human concentrative nucleoside transporter-1 variant hCNT1S546P provides insight into the sodium-binding pocket. American Journal of Physiology - Cell Physiology, 2012, 302, C257-C266.	4.6	12
97	Role of the Transporter Regulator Protein (RS1) in the Modulation of Concentrative Nucleoside Transporters (CNTs) in Epithelia. Molecular Pharmacology, 2012, 82, 59-67.	2.3	12
98	FLT3 is implicated in cytarabine transport by human equilibrative nucleoside transporter 1 in pediatric acute leukemia. Oncotarget, 2016, 7, 49786-49799.	1.8	12
99	Interaction of nucleoside inhibitors of HIV-1 reverse transcriptase with the concentrative nucleoside transporter-1 (SLC28A1). Antiviral Therapy, 2004, 9, 993-1002.	1.0	12
100	Hepatic uptake of gluconeogenic substrates in late-pregnant and mid-lactating rats. Bioscience Reports, 1987, 7, 587-592.	2.4	11
101	Cytoskeletal-dependent activation of system A for neutral amino acid transport in osmotically stressed mammalian cells: A role for system A in the intracellular accumulation of osmolytes. , 1997, 173, 343-350.		11
102	Galectin-4 interacts with the drug transporter human concentrative nucleoside transporter 3 to regulate its function. FASEB Journal, 2016, 30, 544-554.	0.5	11
103	Uridine Metabolism in HIV-1-Infected Patients: Effect of Infection, of Antiretroviral Therapy and of HIV-1/ART-Associated Lipodystrophy Syndrome. PLoS ONE, 2010, 5, e13896.	2.5	11
104	Role of Nucleoside Transporters in Nucleoside-Derived Drug Sensitivity. Nucleosides, Nucleotides and Nucleic Acids, 2010, 29, 335-346.	1.1	10
105	Functional outcome of a novel SLC29A3 mutation identified in a patient with H syndrome. Biochemical and Biophysical Research Communications, 2012, 428, 532-537.	2.1	10
106	Functional crosstalk between the adenosine transporter CNT3 and purinergic receptors in the biliary epithelia. Journal of Hepatology, 2014, 61, 1337-1343.	3.7	10
107	Oligomerization of equilibrative nucleoside transporters: a novel regulatory and functional mechanism involving PKC and PP1. FASEB Journal, 2019, 33, 3841-3850.	0.5	10
108	Up-regulation of FXR isoforms is not required for stimulation of the expression of genes involved in the lack of response of colon cancer to chemotherapy. Pharmacological Research, 2012, 66, 419-427.	7.1	9

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109	Ribavirin Uptake into Human Hepatocyte HHL5 Cells Is Enhanced by Interferon- β via up-Regulation of the Human Concentrative Nucleoside Transporter (hCNT2). <i>Molecular Pharmaceutics</i> , 2014, 11, 3223-3230.	4.6	8
110	Fluorescent Nucleoside Derivatives as a Tool for the Detection of Concentrative Nucleoside Transporter Activity Using Confocal Microscopy and Flow Cytometry. <i>Molecular Pharmaceutics</i> , 2015, 12, 2158-2166.	4.6	8
111	Deficiency of perforin and hCNT1, a novel inborn error of pyrimidine metabolism, associated with a rapidly developing lethal phenotype due to multi-organ failure. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1182-1191.	3.8	8
112	Structural determinants for rCNT2 sorting to the plasma membrane of polarized and non-polarized cells. <i>Biochemical Journal</i> , 2012, 442, 517-525.	3.7	7
113	Effects of Na ⁺ and H ⁺ on steady-state and presteady-state currents of the human concentrative nucleoside transporter 3 (hCNT3). <i>Pflügers Archiv European Journal of Physiology</i> , 2010, 460, 617-632.	2.8	6
114	Expression of the nucleoside transporters hENT1 (SLC29) and hCNT1 (SLC28) in pediatric acute myeloid leukemia. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2020, 39, 1379-1388.	1.1	6
115	Role of drug-dependent transporter modulation on the chemosensitivity of cholangiocarcinoma. <i>Oncotarget</i> , 2017, 8, 90185-90196.	1.8	6
116	Response to α -Tenofovir Disoproxil Fumarate Is Not an Inhibitor of Human Organic Cation Transporter 1 α . <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 360, 343-345.	2.5	5
117	Correspondence. <i>Metabolism: Clinical and Experimental</i> , 1989, 38, 290-291.	3.4	4
118	Alanine uptake by liver of mid-lactating rats. <i>Metabolism: Clinical and Experimental</i> , 1993, 42, 1109-1115.	3.4	4
119	Mechanisms Implicated in the Response of System A to Hypertonic Stress and Amino Acid Deprivation Still Can Be Different. <i>Journal of General Physiology</i> , 2005, 125, 41-42.	1.9	4
120	Pharmacogenomic analysis of the responsiveness of gastrointestinal tumor cell lines to drug therapy: A transportome approach. <i>Pharmacological Research</i> , 2016, 113, 364-375.	7.1	4
121	Inhibitor selectivity of CNTs and ENTs. <i>Xenobiotica</i> , 2019, 49, 840-851.	1.1	4
122	From Inflammation to the Onset of Fibrosis through A2A Receptors in Kidneys from Deceased Donors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8826.	4.1	4
123	FLT3 Is Involved In Ara-C Transport By Human Equilibrative Nucleoside Transporter (hENT1) In Pediatric Acute Leukemia. <i>Blood</i> , 2013, 122, 3844-3844.	1.4	4
124	Urinary amino acid excretion in the pregnant rat. <i>Nutrition Research</i> , 1986, 6, 709-718.	2.9	3
125	Essential amino acid splanchnic bed exchanges in the rat: effects of pregnancy and food deprivation. <i>Biochemical Society Transactions</i> , 1986, 14, 1074-1075.	3.4	3
126	Molecular Cloning of a Bovine Renal G-Protein Coupled Receptor Gene (bRGR): Regulation of bRGR mRNA Levels by Amino Acid Availability. <i>Biochemical and Biophysical Research Communications</i> , 1997, 238, 107-112.	2.1	3

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127	FMS-like tyrosine kinase 3 (FLT3) modulates key enzymes of nucleotide metabolism implicated in cytarabine responsiveness in pediatric acute leukemia. <i>Pharmacological Research</i> , 2020, 151, 104556.	7.1	3
128	rCNT2 extracellular cysteines, Cys ⁶¹⁵ and Cys ⁶⁴⁹ , are important for maturation and sorting to the plasma membrane. <i>FEBS Letters</i> , 2014, 588, 4382-4389.	2.8	2
129	OncomiRs miR-106a and miR-17 negatively regulate the nucleoside-derived drug transporter hCNT1. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 7505-7518.	5.4	2
130	Enhanced N-system activity for neutral amino acid transport in plasma membrane vesicles from livers of genetically obese Zucker rats. <i>Biochemical Society Transactions</i> , 1990, 18, 1249-1249.	3.4	1
131	Protein synthesis-independent induction of ornithine decarboxylase activity in isolated rat hepatocytes: effect of epidermal growth factor and dexamethasone. <i>Biochemical Society Transactions</i> , 1990, 18, 1220-1221.	3.4	1
132	Ontogeny of L-Alanine Uptake in Plasma Membrane Vesicles from Rat Liver. <i>Pediatric Research</i> , 1995, 38, 81-85.	2.3	1
133	Transporter pharmacogenetics: do we need function? Do we need motion?. <i>Pharmacogenomics</i> , 2013, 14, 1537-1540.	1.3	1
134	Interaction of nucleoside derivatives with the human Na ⁺ /nucleoside cotransporters CNT1 and CNT3. <i>FASEB Journal</i> , 2008, 22, 133-133.	0.5	1
135	Role of substrate availability on net Na^+ -lactate uptake by liver of fed and 24-h-starved rats. <i>Biochemical Society Transactions</i> , 1990, 18, 995-996.	3.4	0
136	Equilibrative Nucleoside Transporter-2 (ENT2) Protein Correlates with Ex-Vivo Sensitivity to Fludarabine in Chronic Lymphocytic Leukemia (CLL)-Cells. <i>Blood</i> , 2004, 104, 2079-2079.	1.4	0