

# Maral Pastor-Anglada

## List of Publications by Citations

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137  
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55  
g-index

138  
ext. papers

4,214  
ext. citations

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5.21  
L-index

#	Paper	IF	Citations
137	Nucleoside transporter profiles in human pancreatic cancer cells: role of hCNT1 in 2 $\beta$ 2Rdifluorodeoxycytidine- induced cytotoxicity. <i>Clinical Cancer Research</i> , <b>2003</b> , 9, 5000-8	12.9	132
136	Nucleoside transporter proteins. <i>Current Vascular Pharmacology</i> , <b>2009</b> , 7, 426-34	3.3	118
135	Transport of lamivudine [(-)-beta-L-2 $\beta$ 3Rdideoxy-3Rthiacytidine] 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> , <b>2009</b> , 329, 252-61	4.7	114
134	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> , <b>2007</b> , 293, R1809-22	3.2	114
133	Cell entry and export of nucleoside analogues. <i>Virus Research</i> , <b>2005</b> , 107, 151-64	6.4	114
132	Gemcitabine chemoresistance in pancreatic cancer: molecular mechanisms and potential solutions. <i>Scandinavian Journal of Gastroenterology</i> , <b>2009</b> , 44, 782-6	2.4	98
131	Fludarabine uptake mechanisms in B-cell chronic lymphocytic leukemia. <i>Blood</i> , <b>2003</b> , 101, 2328-34	2.2	93
130	Macrophages require different nucleoside transport systems for proliferation and activation. <i>FASEB Journal</i> , <b>2001</b> , 15, 1979-88	0.9	86
129	Expression of the nucleoside-derived drug transporters hCNT1, hENT1 and hENT2 in gynecologic tumors. <i>International Journal of Cancer</i> , <b>2004</b> , 112, 959-66	7.5	76
128	Extracellular adenosine activates AMP-dependent protein kinase (AMPK). <i>Journal of Cell Science</i> , <b>2006</b> , 119, 1612-21	5.3	75
127	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> , <b>2001</b> , 59, 1542-8	4.3	72
126	Equilibrative nucleoside transporter 1 expression is downregulated by hypoxia in human umbilical vein endothelium. <i>Circulation Research</i> , <b>2005</b> , 97, 16-24	15.7	71
125	Differential expression and regulation of nucleoside transport systems in rat liver parenchymal and hepatoma cells. <i>Hepatology</i> , <b>1998</b> , 28, 1504-11	11.2	69
124	Complex regulation of nucleoside transporter expression in epithelial and immune system cells. <i>Molecular Membrane Biology</i> , <b>2001</b> , 18, 81-5	3.4	69
123	Nucleoside transporter proteins as biomarkers of drug responsiveness and drug targets. <i>Frontiers in Pharmacology</i> , <b>2015</b> , 6, 13	5.6	67
122	No correlation between the expression of FXR and genes involved in multidrug resistance phenotype of primary liver tumors. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 1693-704	5.6	66
121	Lipopolysaccharide-induced apoptosis of macrophages determines the up-regulation of concentrative nucleoside transporters Cnt1 and Cnt2 through tumor necrosis factor-alpha-dependent and -independent mechanisms. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 30043-9	5.4	65

120	Drug uptake transporters in antiretroviral therapy. <i>Pharmacology &amp; Therapeutics</i> , <b>2011</b> , 132, 268-79	13.9	58
119	Expression and functionality of anti-human immunodeficiency virus and anticancer drug uptake transporters in immune cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2008</b> , 324, 558-67	4.7	58
118	Expression of human equilibrative nucleoside transporter 1 (hENT1) and its correlation with gemcitabine uptake and cytotoxicity in mantle cell lymphoma. <i>Haematologica</i> , <b>2006</b> , 91, 895-902	6.6	57
117	Drug transporter pharmacogenetics in nucleoside-based therapies. <i>Pharmacogenomics</i> , <b>2010</b> , 11, 809-41	2.6	56
116	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> , <b>2008</b> , 295, G570-80	5.1	56
115	Emerging Roles of Nucleoside Transporters. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 606	5.6	55
114	Who Is Who in Adenosine Transport. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 627	5.6	53
113	Role of CNT3 in the transepithelial flux of nucleosides and nucleoside-derived drugs. <i>Journal of Physiology</i> , <b>2007</b> , 582, 1249-60	3.9	53
112	Selective loss of nucleoside carrier expression in rat hepatocarcinomas. <i>Hepatology</i> , <b>2000</b> , 32, 239-46	11.2	53
111	Transporters that translocate nucleosides and structural similar drugs: structural requirements for substrate recognition. <i>Medicinal Research Reviews</i> , <b>2012</b> , 32, 428-57	14.4	51
110	Regulation of nucleoside transport by lipopolysaccharide, phorbol esters, and tumor necrosis factor-alpha in human B-lymphocytes. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 26939-45	5.4	50
109	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> , <b>2000</b> , 481, 137-40	3.8	49
108	ATP-sensitive K(+) channels regulate the concentrative adenosine transporter CNT2 following activation by A(1) adenosine receptors. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 2710-9	4.8	47
107	Nitric oxide reduces SLC29A1 promoter activity and adenosine transport involving transcription factor complex hCHOP-C/EBPalpha in human umbilical vein endothelial cells from gestational diabetes. <i>Cardiovascular Research</i> , <b>2010</b> , 86, 45-54	9.9	41
106	Nitric oxide reduces adenosine transporter ENT1 gene (SLC29A1) promoter activity in human fetal endothelium from gestational diabetes. <i>Journal of Cellular Physiology</i> , <b>2006</b> , 208, 451-60	7	41
105	Concentrative nucleoside transporter (rCNT1) is targeted to the apical membrane through the hepatic transcytotic pathway. <i>Experimental Cell Research</i> , <b>2002</b> , 281, 77-85	4.2	41
104	Adenoviral-mediated overexpression of human equilibrative nucleoside transporter 1 (hENT1) enhances gemcitabine response in human pancreatic cancer. <i>Biochemical Pharmacology</i> , <b>2008</b> , 76, 322-9	6	38
103	Interferon-gamma 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> , <b>2003</b> , 375, 777-83	3.8	38

102	Electrophysiological characterization of the human Na(+)/nucleoside cotransporter 1 (hCNT1) and role of adenosine on hCNT1 function. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 8999-9007	5.4	38
101	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> , <b>2004</b> , 90, 883-93	6	38
100	Developmental regulation of the concentrative nucleoside transporters CNT1 and CNT2 in rat liver. <i>Journal of Hepatology</i> , <b>2001</b> , 34, 873-80	13.4	38
99	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> , <b>2012</b> , 7, e29708	3.7	37
98	Adenosine mediates transforming growth factor-beta 1 release in kidney glomeruli of diabetic rats. <i>FEBS Letters</i> , <b>2009</b> , 583, 3192-8	3.8	37
97	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> , <b>2002</b> , 296, 575-9	3.4	37
96	Expression of concentrative nucleoside transporters SLC28 (CNT1, CNT2, and CNT3) along the rat nephron: effect of diabetes. <i>Kidney International</i> , <b>2005</b> , 68, 665-72	9.9	35
95	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> , <b>2015</b> , 127, 319-25	3.7	34
94	Transport of nucleoside analogs across the plasma membrane: a clue to understanding drug-induced cytotoxicity. <i>Current Drug Metabolism</i> , <b>2009</b> , 10, 347-58	3.5	34
93	A splice variant of the SLC28A3 gene encodes a novel human concentrative nucleoside transporter-3 (hCNT3) protein localized in the endoplasmic reticulum. <i>FASEB Journal</i> , <b>2009</b> , 23, 172-82	0.9	33
92	The osmoregulatory and the amino acid-regulated responses of system A are mediated by different signal transduction pathways. <i>Journal of General Physiology</i> , <b>2003</b> , 122, 5-16	3.4	31
91	Interaction of Nucleoside Inhibitors of HIV-1 Reverse Transcriptase with the Concentrative Nucleoside Transporter-1 (Slc28A1). <i>Antiviral Therapy</i> , <b>2004</b> , 9, 993-1002	1.6	31
90	Adenosine A(2B) receptor-mediated VEGF induction promotes diabetic glomerulopathy. <i>Laboratory Investigation</i> , <b>2013</b> , 93, 135-44	5.9	30
89	Long term endocrine regulation of nucleoside transporters in rat intestinal epithelial cells. <i>Journal of General Physiology</i> , <b>2004</b> , 124, 505-12	3.4	30
88	Role of SLC22A1 polymorphic variants in drug disposition, therapeutic responses, and drug-drug interactions. <i>Pharmacogenomics Journal</i> , <b>2015</b> , 15, 473-87	3.5	26
87	Intestinal Nucleoside Transporters: Function, Expression, and Regulation. <i>Comprehensive Physiology</i> , <b>2018</b> , 8, 1003-1017	7.7	26
86	Expression and distribution of nucleoside transporter proteins in the human syncytiotrophoblast. <i>Molecular Pharmacology</i> , <b>2011</b> , 80, 809-17	4.3	26
85	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> , <b>2008</b> , 215, 645-56	7	26

84	Expression of the high-affinity fluoropyrimidine-preferring nucleoside transporter hCNT1 correlates with decreased disease-free survival in breast cancer. <i>Oncology</i> , <b>2006</b> , 70, 238-44	3.6	26
83	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> , <b>2004</b> , 41, 538-44	13.4	26
82	Human equilibrative nucleoside transporter-1 (hENT1) is required for the transcriptomic response of the nucleoside-derived drug 5RDFUR in breast cancer MCF7 cells. <i>Biochemical Pharmacology</i> , <b>2006</b> , 72, 1646-56	6	25
81	Functional characterization of a nucleoside-derived drug transporter variant (hCNT3C602R) showing altered sodium-binding capacity. <i>Molecular Pharmacology</i> , <b>2008</b> , 73, 379-86	4.3	24
80	Nucleoside uptake in rat liver parenchymal cells. <i>Biochemical Journal</i> , <b>1996</b> , 317 ( Pt 3), 835-42	3.8	24
79	Nitric oxide regulates nucleoside transport in activated B lymphocytes. <i>Journal of Leukocyte Biology</i> , <b>2000</b> , 67, 345-9	6.5	22
78	Early induction of Na(+)-dependent uridine uptake in the regenerating rat liver. <i>FEBS Letters</i> , <b>1993</b> , 316, 85-8	3.8	22
77	Hypoxia and P1 receptor activation regulate the high-affinity concentrative adenosine transporter CNT2 in differentiated neuronal PC12 cells. <i>Biochemical Journal</i> , <b>2013</b> , 454, 437-45	3.8	21
76	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> , <b>2014</b> , 307, G673-88	5.1	21
75	Aquaporin 3 (AQP3) participates in the cytotoxic response to nucleoside-derived drugs. <i>BMC Cancer</i> , <b>2012</b> , 12, 434	4.8	21
74	Compensatory effects of the human nucleoside transporters on the response to nucleoside-derived drugs in breast cancer MCF7 cells. <i>Biochemical Pharmacology</i> , <b>2008</b> , 75, 639-48	6	21
73	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> , <b>2006</b> , 395, 337-44	3.8	21
72	Up-regulation of system A activity in the regenerating rat liver. <i>FEBS Letters</i> , <b>1993</b> , 329, 189-93	3.8	21
71	Effects of epidermal growth factor (urogastrone) on gluconeogenesis, glucose oxidation, and glycogen synthesis in isolated rat hepatocytes. <i>Biochemistry and Cell Biology</i> , <b>1989</b> , 67, 724-9	3.6	21
70	All-trans-retinoic acid promotes trafficking of human concentrative nucleoside transporter-3 (hCNT3) to the plasma membrane by a TGF-beta1-mediated mechanism. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 13589-98	5.4	20
69	Transcription factors involved in the expression of SLC28 genes in human liver parenchymal cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 353, 381-8	3.4	20
68	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> , <b>2016</b> , 11, e0147430	3.7	20
67	TGF-beta1 inhibits expression and activity of hENT1 in a nitric oxide-dependent manner in human umbilical vein endothelium. <i>Cardiovascular Research</i> , <b>2009</b> , 82, 458-67	9.9	18

66	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> , <b>2016</b> , 89, 118-32	4.3	17
65	Nucleoside transporters and human organic cation transporter 1 determine the cellular handling of DNA-methyltransferase inhibitors. <i>British Journal of Pharmacology</i> , <b>2014</b> , 171, 3868-80	8.6	17
64	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> , <b>2010</b> , 78, 157-65	4.3	17
63	Enhancement of fludarabine sensitivity by all-trans-retinoic acid in chronic lymphocytic leukemia cells. <i>Haematologica</i> , <b>2012</b> , 97, 943-51	6.6	17
62	Expression of sodium-dependent purine nucleoside carrier (SPNT) mRNA correlates with nucleoside transport activity in rat liver. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 233, 572-5	3.4	17
61	Identification of TIGAR in the equilibrative nucleoside transporter 2-mediated response to fludarabine in chronic lymphocytic leukemia cells. <i>Haematologica</i> , <b>2008</b> , 93, 1843-51	6.6	17
60	Physiological characteristics of allo-cholic acid. <i>Journal of Lipid Research</i> , <b>2003</b> , 44, 84-92	6.3	17
59	Carrier-mediated uptake of L-(+)-lactate in plasma membrane vesicles from rat liver. <i>FEBS Letters</i> , <b>1988</b> , 235, 224-8	3.8	16
58	Altered Expression of Nucleoside Transporter Genes (SLC28 and SLC29) in Adipose Tissue from HIV-1 Infected Patients. <i>Antiviral Therapy</i> , <b>2007</b> , 12, 853-864	1.6	16
57	Human organic cation transporter 1 (hOCT1) as a mediator of bendamustine uptake and cytotoxicity in chronic lymphocytic leukemia (CLL) cells. <i>Pharmacogenomics Journal</i> , <b>2015</b> , 15, 363-71	3.5	15
56	Link between high-affinity adenosine concentrative nucleoside transporter-2 (CNT2) and energy metabolism in intestinal and liver parenchymal cells. <i>Journal of Cellular Physiology</i> , <b>2010</b> , 225, 620-30	7	15
55	New role of the human equilibrative nucleoside transporter 1 (hENT1) in epithelial-to-mesenchymal transition in renal tubular cells. <i>Journal of Cellular Physiology</i> , <b>2012</b> , 227, 1521-8	7	14
54	Different N-terminal motifs determine plasma membrane targeting of the human concentrative nucleoside transporter 3 in polarized and nonpolarized cells. <i>Molecular Pharmacology</i> , <b>2010</b> , 78, 795-803	4.3	14
53	Translocation of nucleoside analogs across the plasma membrane in hematologic malignancies. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2011</b> , 30, 1324-40	1.4	14
52	Na <sup>+</sup> ,K <sup>+</sup> -ATPase expression during the early phase of liver growth after partial hepatectomy. <i>FEBS Letters</i> , <b>1995</b> , 362, 85-8	3.8	14
51	Na <sup>+</sup> -dependent alanine transport in plasma membrane vesicles from late-pregnant rat livers. <i>Pediatric Research</i> , <b>1989</b> , 26, 448-51	3.2	14
50	Role of Human Organic Cation Transporter 1 (hOCT1) Polymorphisms in Lamivudine (3TC) Uptake and Drug-Drug Interactions. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 175	5.6	14
49	3'-Azido-2',3'-Dideoxythymidine (Zidovudine) Uptake Mechanisms in T Lymphocytes. <i>Antiviral Therapy</i> , <b>2006</b> , 11, 803-812	1.6	14

48	Transportome Profiling Identifies Profound Alterations in Crohn's Disease Partially Restored by Commensal Bacteria. <i>Journal of Crohns and Colitis</i> , <b>2016</b> , 10, 850-9	1.5	13
47	Effects of cyclosporine A on Na,K-ATPase expression in the renal epithelial cell line NBL-1. <i>Kidney International</i> , <b>1996</b> , 50, 1483-9	9.9	13
46	CD69 expression potentially predicts response to bendamustine and its modulation by ibrutinib or idelalisib enhances cytotoxic effect in chronic lymphocytic leukemia. <i>Oncotarget</i> , <b>2016</b> , 7, 5507-20	3.3	13
45	Role of the transporter regulator protein (RS1) in the modulation of concentrative nucleoside transporters (CNTs) in epithelia. <i>Molecular Pharmacology</i> , <b>2012</b> , 82, 59-67	4.3	12
44	Interaction of nucleoside inhibitors of HIV-1 reverse transcriptase with the concentrative nucleoside transporter-1 (SLC28A1). <i>Antiviral Therapy</i> , <b>2004</b> , 9, 993-1002	1.6	12
43	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> , <b>2012</b> , 302, C257-66	5.4	11
42	Uridine metabolism in HIV-1-infected patients: effect of infection, of antiretroviral therapy and of HIV-1/ART-associated lipodystrophy syndrome. <i>PLoS ONE</i> , <b>2010</b> , 5, e13896	3.7	11
41	FLT3 is implicated in cytarabine transport by human equilibrative nucleoside transporter 1 in pediatric acute leukemia. <i>Oncotarget</i> , <b>2016</b> , 7, 49786-49799	3.3	11
40	Novel nuclear hENT2 isoforms regulate cell cycle progression via controlling nucleoside transport and nuclear reservoir. <i>Cellular and Molecular Life Sciences</i> , <b>2016</b> , 73, 4559-4575	10.3	11
39	Role of nucleoside transporters in nucleoside-derived drug sensitivity. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2010</b> , 29, 335-46	1.4	10
38	Na <sup>+</sup> ,K <sup>+</sup> -ATPase expression in maleic-acid-induced Fanconi syndrome in rats. <i>Clinical Science</i> , <b>1997</b> , 92, 247-53	6.5	10
37	Hepatic uptake of gluconeogenic substrates in late-pregnant and mid-lactating rats. <i>Bioscience Reports</i> , <b>1987</b> , 7, 587-92	4.1	10
36	Functional crosstalk between the adenosine transporter CNT3 and purinergic receptors in the biliary epithelia. <i>Journal of Hepatology</i> , <b>2014</b> , 61, 1337-43	13.4	9
35	P-glycoprotein (ABCB1) activity decreases raltegravir disposition in primary CD4 <sup>+</sup> P-gp <sup>high</sup> cells and correlates with HIV-1 viral load. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2016</b> , 71, 2782-92	5.1	9
34	Fluorescent nucleoside derivatives as a tool for the detection of concentrative nucleoside transporter activity using confocal microscopy and flow cytometry. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 2158-66	5.6	8
33	Ribavirin uptake into human hepatocyte HHL5 cells is enhanced by interferon- $\beta$ via up-regulation of the human concentrative nucleoside transporter (hCNT2). <i>Molecular Pharmaceutics</i> , <b>2014</b> , 11, 3223-30	5.6	8
32	Functional outcome of a novel SLC29A3 mutation identified in a patient with H syndrome. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 428, 532-7	3.4	8
31	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. <i>Pharmacological Research</i> , <b>2012</b> , 66, 419-27	10.2	7

30	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. <i>Journal of Cellular Physiology</i> , <b>1997</b> , 173, 343-50	7	7
29	Galectin-4 interacts with the drug transporter human concentrative nucleoside transporter 3 to regulate its function. <i>FASEB Journal</i> , <b>2016</b> , 30, 544-54	0.9	6
28	Structural determinants for rCNT2 sorting to the plasma membrane of polarized and non-polarized cells. <i>Biochemical Journal</i> , <b>2012</b> , 442, 517-25	3.8	6
27	Oligomerization of equilibrative nucleoside transporters: a novel regulatory and functional mechanism involving PKC and PP1. <i>FASEB Journal</i> , <b>2019</b> , 33, 3841-3850	0.9	6
26	Effects of Na <sup>+</sup> and H <sup>+</sup> on steady-state and presteady-state currents of the human concentrative nucleoside transporter 3 (hCNT3). <i>Pflugers Archiv European Journal of Physiology</i> , <b>2010</b> , 460, 617-32	4.6	5
25	Response to "Tenofovir Disoproxil Fumarate Is Not an Inhibitor of Human Organic Cation Transporter 1". <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2017</b> , 360, 343-345	4.7	5
24	Role of drug-dependent transporter modulation on the chemosensitivity of cholangiocarcinoma. <i>Oncotarget</i> , <b>2017</b> , 8, 90185-90196	3.3	5
23	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> , <b>2019</b> , 1865, 1182-1191	6.9	4
22	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> , <b>2005</b> , 125, 41-2	3.4	4
21	Alanine uptake by liver of mid-lactating rats. <i>Metabolism: Clinical and Experimental</i> , <b>1993</b> , 42, 1109-15	12.7	4
20	Glucose-alanine relationship in normal human pregnancy. <i>Metabolism: Clinical and Experimental</i> , <b>1989</b> , 38, 290-1	12.7	4
19	Expression of the nucleoside transporters hENT1 (SLC29) and hCNT1 (SLC28) in pediatric acute myeloid leukemia. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2020</b> , 39, 1379-1388	1.4	3
18	Nucleoside Transporters (SLC28 and SLC29) Family <b>2013</b> , 243-270		3
17	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> , <b>1997</b> , 238, 107-12	3.4	3
16	Essential amino acid splanchnic bed exchanges in the rat: effects of pregnancy and food deprivation. <i>Biochemical Society Transactions</i> , <b>1986</b> , 14, 1074-1075	5.1	3
15	Pharmacogenomic analysis of the responsiveness of gastrointestinal tumor cell lines to drug therapy: A transportome approach. <i>Pharmacological Research</i> , <b>2016</b> , 113, 364-375	10.2	3
14	rCNT2 extracellular cysteines, Cys(615) and Cys(649), are important for maturation and sorting to the plasma membrane. <i>FEBS Letters</i> , <b>2014</b> , 588, 4382-9	3.8	2
13	Inhibitor selectivity of CNTs and ENTs. <i>Xenobiotica</i> , <b>2019</b> , 49, 840-851	2	1

12	Ontogeny of L-alanine uptake in plasma membrane vesicles from rat liver. <i>Pediatric Research</i> , <b>1995</b> , 38, 81-5	3.2	1
11	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> , <b>1990</b> , 18, 1249	5.1	1
10	Protein synthesis-independent induction of ornithine decarboxylase activity in isolated rat hepatocytes: effect of epidermal growth factor and dexamethasone. <i>Biochemical Society Transactions</i> , <b>1990</b> , 18, 1220-1	5.1	1
9	Urinary amino acid excretion in the pregnant rat. <i>Nutrition Research</i> , <b>1986</b> , 6, 709-718	4	1
8	Interaction of nucleoside-derivatives with the human Na <sup>+</sup> /nucleoside cotransporters CNT1 and CNT3. <i>FASEB Journal</i> , <b>2008</b> , 22, 133-133	0.9	1
7	FMS-like tyrosine kinase 3 (FLT3) modulates key enzymes of nucleotide metabolism implicated in cytarabine responsiveness in pediatric acute leukemia. <i>Pharmacological Research</i> , <b>2020</b> , 151, 104556	10.2	1
6	From Inflammation to the Onset of Fibrosis through A Receptors in Kidneys from Deceased Donors. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
5	Biochemistry, Physiology, and Pharmacology of Nucleoside and Nucleobase Transporters. <i>Methods and Principles in Medicinal Chemistry</i> , <b>2009</b> , 49-80	0.4	1
4	OncomiRs miR-106a and miR-17 negatively regulate the nucleoside-derived drug transporter hCNT1. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 7505-7518	10.3	0
3	Role of substrate availability on net L-lactate uptake by liver of fed and 24-h-starved rats. <i>Biochemical Society Transactions</i> , <b>1990</b> , 18, 995-6	5.1	
2	Equilibrative Nucleoside Transporter-2 (ENT2) Protein Correlates with Ex-Vivo Sensitivity to Fludarabine in Chronic Lymphocytic Leukemia (CLL)-Cells. <i>Blood</i> , <b>2004</b> , 104, 2079-2079	2.2	
1	FLT3 Is Involved In Ara-C Transport By Human Equilibrative Nucleoside Transporter (hENT1) In Pediatric Acute Leukemia. <i>Blood</i> , <b>2013</b> , 122, 3844-3844	2.2	