

Francois Verrey

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144
papers

9,170
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54
h-index

94
g-index

159
ext. papers

10,203
ext. citations

6.6
avg, IF

5.72
L-index

#	Paper	IF	Citations
144	ACE2 links amino acid malnutrition to microbial ecology and intestinal inflammation. <i>Nature</i> , 2012 , 487, 477-81	50.4	756
143	CATs and HATs: the SLC7 family of amino acid transporters. <i>Pflugers Archiv European Journal of Physiology</i> , 2004 , 447, 532-42	4.6	509
142	Amino-acid transport by heterodimers of 4F2hc/CD98 and members of a permease family. <i>Nature</i> , 1998 , 395, 288-91	50.4	453
141	Structural asymmetry of AcrB trimer suggests a peristaltic pump mechanism. <i>Science</i> , 2006 , 313, 1295-8	33.3	441
140	Aldosterone induces rapid apical translocation of ENaC in early portion of renal collecting system: possible role of SGK. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 280, F675-82	4.3	285
139	LAT2, a new basolateral 4F2hc/CD98-associated amino acid transporter of kidney and intestine. <i>Journal of Biological Chemistry</i> , 1999 , 274, 34948-54	5.4	272
138	Mutations in SLC6A19, encoding B0AT1, cause Hartnup disorder. <i>Nature Genetics</i> , 2004 , 36, 999-1002	36.3	241
137	Activation of system L heterodimeric amino acid exchangers by intracellular substrates. <i>EMBO Journal</i> , 2002 , 21, 580-9	13	235
136	Transport of drugs by the multidrug transporter AcrB involves an access and a deep binding pocket that are separated by a switch-loop. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5687-92	11.5	226
135	Human intestine luminal ACE2 and amino acid transporter expression increased by ACE-inhibitors. <i>Amino Acids</i> , 2015 , 47, 693-705	3.5	213
134	System L: heteromeric exchangers of large, neutral amino acids involved in directional transport. <i>Pflugers Archiv European Journal of Physiology</i> , 2003 , 445, 529-33	4.6	210
133	Tissue-specific amino acid transporter partners ACE2 and collectrin differentially interact with hartnup mutations. <i>Gastroenterology</i> , 2009 , 136, 872-82	13.3	186
132	Essential role for collectrin in renal amino acid transport. <i>Nature</i> , 2006 , 444, 1088-91	50.4	166
131	Thyroid hormone transport by the heterodimeric human system L amino acid transporter. <i>Endocrinology</i> , 2001 , 142, 4339-48	4.8	144
130	Engineered disulfide bonds support the functional rotation mechanism of multidrug efflux pump AcrB. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 199-205	17.6	127
129	Glycoprotein-associated amino acid exchangers: broadening the range of transport specificity. <i>Pflugers Archiv European Journal of Physiology</i> , 2000 , 440, 503-12	4.6	125
128	Early aldosterone-induced gene product regulates the epithelial sodium channel by deubiquitylation. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 1084-92	12.7	121

127	Endothelial mineralocorticoid receptor activation mediates endothelial dysfunction in diet-induced obesity. <i>European Heart Journal</i> , 2013 , 34, 3515-24	9.5	120
126	LAPTM4b recruits the LAT1-4F2hc Leu transporter to lysosomes and promotes mTORC1 activation. <i>Nature Communications</i> , 2015 , 6, 7250	17.4	118
125	SGK1: aldosterone-induced relay of Na ⁺ transport regulation in distal kidney nephron cells. <i>Cellular Physiology and Biochemistry</i> , 2003 , 13, 21-8	3.9	118
124	Culture-induced changes in blood-brain barrier transcriptome: implications for amino-acid transporters in vivo. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009 , 29, 1491-502	7.3	113
123	Coupling of remote alternating-access transport mechanisms for protons and substrates in the multidrug efflux pump AcrB. <i>ELife</i> , 2014 , 3,	8.9	111
122	Characterization of early aldosterone-induced RNAs identified in A6 kidney epithelia. <i>Pflugers Archiv European Journal of Physiology</i> , 1997 , 434, 323-31	4.6	111
121	Luminal heterodimeric amino acid transporter defective in cystinuria. <i>Molecular Biology of the Cell</i> , 1999 , 10, 4135-47	3.5	108
120	Fibroblast growth factor receptors 1 and 2 in keratinocytes control the epidermal barrier and cutaneous homeostasis. <i>Journal of Cell Biology</i> , 2010 , 188, 935-52	7.3	101
119	Proximal renal tubular acidosis in TASK2 K ⁺ channel-deficient mice reveals a mechanism for stabilizing bicarbonate transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 8215-20	11.5	100
118	Expression of heteromeric amino acid transporters along the murine intestine. <i>Journal of Physiology</i> , 2004 , 558, 597-610	3.9	96
117	Heteromeric KCNE2/KCNQ1 potassium channels in the luminal membrane of gastric parietal cells. <i>Journal of Physiology</i> , 2004 , 561, 547-57	3.9	96
116	Mouse model of type II Bartter syndrome. II. Altered expression of renal sodium- and water-transporting proteins. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, F1373-80	4.3	95
115	The SLC6 transporters: perspectives on structure, functions, regulation, and models for transporter dysfunction. <i>Pflugers Archiv European Journal of Physiology</i> , 2014 , 466, 25-42	4.6	94
114	Luminal kidney and intestine SLC6 amino acid transporters of B0AT-cluster and their tissue distribution in <i>Mus musculus</i> . <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 290, F376-83	4.3	92
113	The AcrB efflux pump: conformational cycling and peristalsis lead to multidrug resistance. <i>Current Drug Targets</i> , 2008 , 9, 729-49	3	89
112	Kidney amino acid transport. <i>Pflugers Archiv European Journal of Physiology</i> , 2009 , 458, 53-60	4.6	87
111	Novel renal amino acid transporters. <i>Annual Review of Physiology</i> , 2005 , 67, 557-72	23.1	81
110	Functional heterodimeric amino acid transporters lacking cysteine residues involved in disulfide bond. <i>FEBS Letters</i> , 1998 , 439, 157-62	3.8	80

109	Expression of thyroid hormone transporters in the human placenta and changes associated with intrauterine growth restriction. <i>Placenta</i> , 2010 , 31, 295-304	3.4	77
108	Basolateral aromatic amino acid transporter TAT1 (Slc16a10) functions as an efflux pathway. <i>Journal of Cellular Physiology</i> , 2006 , 206, 771-9	7	77
107	Ras pathway activates epithelial Na ⁺ channel and decreases its surface expression in <i>Xenopus</i> oocytes. <i>Molecular Biology of the Cell</i> , 1998 , 9, 3417-27	3.5	74
106	Pleiotropic action of aldosterone in epithelia mediated by transcription and post-transcription mechanisms. <i>Kidney International</i> , 2000 , 57, 1277-82	9.9	68
105	Mercuric conjugates of cysteine are transported by the amino acid transporter system b(0,+): implications of molecular mimicry. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 663-73 ^{12.7}	12.7	66
104	Functional cooperation of epithelial heteromeric amino acid transporters expressed in madin-darby canine kidney cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 1316-22	5.4	64
103	Early aldosterone action: toward filling the gap between transcription and transport. <i>American Journal of Physiology - Renal Physiology</i> , 1999 , 277, F319-27	4.3	64
102	The tegument of the human parasitic worm <i>Schistosoma mansoni</i> as an excretory organ: the surface aquaporin SmAQP is a lactate transporter. <i>PLoS ONE</i> , 2010 , 5, e10451	3.7	63
101	Crucial role of Asp408 in the proton translocation pathway of multidrug transporter AcrB: evidence from site-directed mutagenesis and carbodiimide labeling. <i>Biochemistry</i> , 2009 , 48, 5801-12	3.2	63
100	Deubiquitylation regulates activation and proteolytic cleavage of ENaC. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 2170-80	12.7	62
99	Tissue-specific alterations in thyroid hormone homeostasis in combined Mct10 and Mct8 deficiency. <i>Endocrinology</i> , 2014 , 155, 315-25	4.8	61
98	SGK1 increases Na,K-ATP cell-surface expression and function in <i>Xenopus laevis</i> oocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2004 , 448, 29-35	4.6	61
97	Specific amino acids inhibit food intake via the area postrema or vagal afferents. <i>Journal of Physiology</i> , 2013 , 591, 5611-21	3.9	60
96	Short term effect of aldosterone on Na,K-ATPase cell surface expression in kidney collecting duct cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 47087-93	5.4	59
95	Defective intestinal amino acid absorption in Ace2 null mice. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, G686-95	5.1	58
94	Regulation of renal amino acid transporters during metabolic acidosis. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 292, F555-66	4.3	58
93	Early transcriptional control of ENaC (de)ubiquitylation by aldosterone. <i>Kidney International</i> , 2008 , 73, 691-6	9.9	56
92	Steady-state kinetic characterization of the mouse B(0)AT1 sodium-dependent neutral amino acid transporter. <i>Pflugers Archiv European Journal of Physiology</i> , 2005 , 451, 338-48	4.6	55

91	Impact of Nedd4 proteins and serum and glucocorticoid-induced kinases on epithelial Na ⁺ transport in the distal nephron. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 3167-74	12.7	55
90	T-type amino acid transporter TAT1 (Slc16a10) is essential for extracellular aromatic amino acid homeostasis control. <i>Journal of Physiology</i> , 2012 , 590, 6413-24	3.9	53
89	Hyperaldosteronemia and activation of the epithelial sodium channel are not required for sodium retention in puromycin-induced nephrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 3642-50	12.7	53
88	SPECT and PET amino acid tracer influx via system L (h4F2hc-hLAT1) and its transstimulation. <i>Journal of Nuclear Medicine</i> , 2004 , 45, 1591-6	8.9	49
87	The molecular mechanism of intestinal levodopa absorption and its possible implications for the treatment of Parkinson's disease. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 351, 114-23	4.7	46
86	The cataract and glucosuria associated monocarboxylate transporter MCT12 is a new creatine transporter. <i>Human Molecular Genetics</i> , 2013 , 22, 3218-26	5.6	46
85	Apical heterodimeric cystine and cationic amino acid transporter expressed in MDCK cells. <i>American Journal of Physiology - Renal Physiology</i> , 2002 , 283, F181-9	4.3	46
84	Brain interstitial fluid glutamine homeostasis is controlled by blood-brain barrier SLC7A5/LAT1 amino acid transporter. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 1929-1941	7.3	44
83	Transport of amino acids in the kidney. <i>Comprehensive Physiology</i> , 2014 , 4, 367-403	7.7	43
82	Role of SGK in mineralocorticoid-regulated sodium transport. <i>Kidney International</i> , 2000 , 57, 1283-9	9.9	43
81	Aldosterone action: induction of p21(ras) and fra-2 and transcription-independent decrease in myc, jun, and fos. <i>American Journal of Physiology - Cell Physiology</i> , 1999 , 276, C1154-61	5.4	42
80	Orphan transporter SLC6A18 is renal neutral amino acid transporter B0AT3. <i>Journal of Biological Chemistry</i> , 2009 , 284, 19953-60	5.4	41
79	Recycling of aromatic amino acids via TAT1 allows efflux of neutral amino acids via LAT2-4F2hc exchanger. <i>Pflügers Archiv European Journal of Physiology</i> , 2007 , 454, 507-16	4.6	41
78	Expression and regulation of the neutral amino acid transporter B0AT1 in rat small intestine. <i>PLoS ONE</i> , 2017 , 12, e0184845	3.7	39
77	Essential amino acid transporter Lat4 (Slc43a2) is required for mouse development. <i>Journal of Physiology</i> , 2015 , 593, 1273-89	3.9	39
76	Identification of a new gene product (diphor-1) regulated by dietary phosphate. <i>American Journal of Physiology - Renal Physiology</i> , 1997 , 273, F801-6	4.3	39
75	Ubiquitin-specific protease 2-45 (Usp2-45) binds to epithelial Na ⁺ channel (ENaC)-ubiquitylating enzyme Nedd4-2. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 301, F189-96	4.3	38
74	Short-term aldosterone action on Na,K-ATPase surface expression: role of aldosterone-induced SGK1?. <i>Annals of the New York Academy of Sciences</i> , 2003 , 986, 554-61	6.5	37

73	Amino acid transport in schistosomes: Characterization of the permeaseheavy chain SPRM1hc. <i>Journal of Biological Chemistry</i> , 2007 , 282, 21767-75	5.4	34
72	Mediators of aldosterone action in the renal tubule. <i>Current Opinion in Nephrology and Hypertension</i> , 2001 , 10, 667-75	3.5	34
71	Mechanism of control of Na,K-ATPase in principal cells of the mammalian collecting duct. <i>Annals of the New York Academy of Sciences</i> , 2003 , 986, 570-8	6.5	33
70	ACE2 and gut amino acid transport. <i>Clinical Science</i> , 2020 , 134, 2823-2833	6.5	33
69	SARS-CoV-2 receptor ACE2 gene expression in small intestine correlates with age. <i>Amino Acids</i> , 2020 , 52, 1063-1065	3.5	30
68	Isoform specificity of human Na(+), K(+)-ATPase localization and aldosterone regulation in mouse kidney cells. <i>Journal of Physiology</i> , 2004 , 555, 355-64	3.9	29
67	Differential axial localization along the mouse brain vascular tree of luminal sodium-dependent glutamine transporters Snat1 and Snat3. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011 , 31, 1637-47	7.3	28
66	Neutral amino acid transport mediated by ortholog of imino acid transporter SIT1/SLC6A20 in opossum kidney cells. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 290, F880-7	4.3	26
65	Adenosine inhibits the transfected Na+-H+ exchanger NHE3 in <i>Xenopus laevis</i> renal epithelial cells (A6/C1). <i>Journal of Physiology</i> , 1999 , 515 (Pt 3), 829-42	3.9	25
64	An amino acid transporter involved in gastric acid secretion. <i>Pflugers Archiv European Journal of Physiology</i> , 2006 , 451, 738-48	4.6	23
63	Early aldosterone effects. <i>Nephron Experimental Nephrology</i> , 1998 , 6, 294-301		23
62	Heterodimeric amino acid transporter glycoprotein domains determining functional subunit association. <i>Biochemical Journal</i> , 2005 , 388, 435-43	3.8	22
61	Deafness and loss of cochlear hair cells in the absence of thyroid hormone transporters Slc16a2 (Mct8) and Slc16a10 (Mct10). <i>Scientific Reports</i> , 2018 , 8, 4403	4.9	20
60	Amino acid transporters expression in acinar cells is changed during acute pancreatitis. <i>Pancreatology</i> , 2013 , 13, 475-85	3.8	20
59	Functional characterization of <i>Caenorhabditis elegans</i> heteromeric amino acid transporters. <i>Journal of Biological Chemistry</i> , 2004 , 279, 7655-62	5.4	20
58	Cooperation of Antiporter LAT2/CD98hc with Uniporter TAT1 for Renal Reabsorption of Neutral Amino Acids. <i>Journal of the American Society of Nephrology: JASN</i> , 2018 , 29, 1624-1635	12.7	19
57	Interdependence of thyroglobulin processing and thyroid hormone export in the mouse thyroid gland. <i>European Journal of Cell Biology</i> , 2017 , 96, 440-456	6.1	16
56	Dysfunctional LAT2 Amino Acid Transporter Is Associated With Cataract in Mouse and Humans. <i>Frontiers in Physiology</i> , 2019 , 10, 688	4.6	16

55	L-lysine dose dependently delays gastric emptying and increases intestinal fluid volume in humans and rats. <i>Neurogastroenterology and Motility</i> , 2014 , 26, 999-1009	4	15
54	Preferred transport of O-(2-[18F]fluoroethyl)-D-tyrosine (D-FET) into the porcine brain. <i>Brain Research</i> , 2007 , 1147, 25-33	3.7	15
53	Sodium reabsorption in aldosterone-sensitive distal nephron: news and contributions from genetically engineered animals. <i>Current Opinion in Nephrology and Hypertension</i> , 2001 , 10, 39-47	3.5	15
52	Polarized membrane movements in A6 kidney cells are regulated by aldosterone and vasopressin/vasotocin. <i>Journal of Membrane Biology</i> , 1993 , 133, 213-26	2.3	15
51	NRF2 regulates the glutamine transporter Slc38a3 (SNAT3) in kidney in response to metabolic acidosis. <i>Scientific Reports</i> , 2018 , 8, 5629	4.9	14
50	Functional characterization of a NapA Na(+)/H(+) antiporter from <i>Thermus thermophilus</i> . <i>FEBS Letters</i> , 2007 , 581, 572-8	3.8	14
49	Abnormal creatine transport of mutations in monocarboxylate transporter 12 (MCT12) found in patients with age-related cataract can be partially rescued by exogenous chaperone CD147. <i>Human Molecular Genetics</i> , 2017 , 26, 4203-4214	5.6	13
48	Mineralocorticoid Action in the Aldosterone-Sensitive Distal Nephron 2008 , 889-924		13
47	Functional Polarity of Microvascular Brain Endothelial Cells Supported by Neurovascular Unit Computational Model of Large Neutral Amino Acid Homeostasis. <i>Frontiers in Physiology</i> , 2018 , 9, 171	4.6	10
46	Genetic Targeting of Arginase-II in Mouse Prevents Renal Oxidative Stress and Inflammation in Diet-Induced Obesity. <i>Frontiers in Physiology</i> , 2016 , 7, 560	4.6	10
45	Intestinal IMINO transporter SIT1 is not expressed in human newborns. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, G887-G895	5.1	10
44	Simultaneous assessment of gastric emptying and secretion in rats by a novel computed tomography-based method. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 306, G173-82	5.1	9
43	Quantifying the relative contributions of different solute carriers to aggregate substrate transport. <i>Scientific Reports</i> , 2017 , 7, 40628	4.9	9
42	Real-time functional characterization of cationic amino acid transporters using a new FRET sensor. <i>Pflügers Archiv European Journal of Physiology</i> , 2016 , 468, 563-72	4.6	8
41	Anticipation of food intake induces phosphorylation switch to regulate basolateral amino acid transporter LAT4 (SLC43A2) function. <i>Journal of Physiology</i> , 2019 , 597, 521-542	3.9	8
40	Choroid plexus LAT2 and SNAT3 as partners in CSF amino acid homeostasis maintenance. <i>Fluids and Barriers of the CNS</i> , 2020 , 17, 17	7	6
39	Novel antidiabetic nutrients identified by in vivo screening for gastric secretion and emptying regulation in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R869-78	3.2	6
38	A graphical simulation software for instruction in cardiovascular mechanics physiology. <i>BioMedical Engineering OnLine</i> , 2011 , 10, 8	4.1	6

37	Propagation of Plasma L-Phenylalanine Concentration Fluctuations to the Neurovascular Unit in Phenylketonuria: An Study. <i>Frontiers in Physiology</i> , 2019 , 10, 360	4.6	5
36	Kidney Mass Reduction Leads to l-Arginine Metabolism-Dependent Blood Pressure Increase in Mice. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	5
35	Kidney Transport of Amino Acids and Oligopeptides, and Aminoacidurias 2013 , 2405-2423		5
34	Aromatic amino acid transporter AAT-9 of <i>Caenorhabditis elegans</i> localizes to neurons and muscle cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 49268-73	5.4	5
33	Chapter 9 Transepithelial Sodium Transport and Its Control by Aldosterone: A Molecular Approach. <i>Current Topics in Membranes and Transport</i> , 1989 , 167-183		5
32	Phosphorylation of mouse intestinal basolateral amino acid uniporter LAT4 is controlled by food-entrained diurnal rhythm and dietary proteins. <i>PLoS ONE</i> , 2020 , 15, e0233863	3.7	4
31	Arginase-II negatively regulates renal aquaporin-2 and water reabsorption. <i>FASEB Journal</i> , 2018 , 32, 5520-5531	4.5	4
30	Exocrine pancreas glutamate secretion help to sustain enterocyte nutritional needs under protein restriction. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 314, G517-G536	5.1	4
29	Differential Impact of Dietary Branched Chain and Aromatic Amino Acids on Chronic Kidney Disease Progression in Rats. <i>Frontiers in Physiology</i> , 2019 , 10, 1460	4.6	4
28	Amino acids regulate transgene expression in MDCK cells. <i>PLoS ONE</i> , 2014 , 9, e96823	3.7	3
27	Does kidney amino acid transport have something to do with blood pressure?. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 2449-51	4.3	3
26	Tissue-specific deletion of mouse basolateral uniporter LAT4 (Slc43a2) reveals its crucial role in small intestine and kidney amino acid transport. <i>Journal of Physiology</i> , 2020 , 598, 5109-5132	3.9	3
25	Mucosal Monosaccharide Transporter Expression in Newborns With Jejunoileal Atresia and Along the Adult Intestine. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019 , 69, 611-618	2.8	3
24	Phosphorylation site-independent downregulation of Na-pump current in A6 epithelia by protein kinase C. Decrease in Na,K-ATPase cell-surface expression. <i>Annals of the New York Academy of Sciences</i> , 1997 , 834, 569-71	6.5	2
23	The Thyroid Hormone Transporter Mct8 Restricts Cathepsin-Mediated Thyroglobulin Processing in Male Mice through Thyroid Auto-Regulatory Mechanisms That Encompass Autophagy. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
22	WNK4, as thiazides, shuts off NaCl reabsorption to stimulate Na/K exchange. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 1305-8	4.3	1
21	Dietary Amino Acids Affect the Rate of Chronic Kidney Disease Progression in Rats. <i>FASEB Journal</i> , 2019 , 33, 570.1	0.9	1
20	Differential expression of system L amino acid transporter subtypes in rat placenta and yolk sac. <i>Placenta</i> , 2021 , 103, 188-198	3.4	1

19	Cooperation of Basolateral Epithelial Amino Acid Transporters TAT1 and LAT2 Investigated in a Double Knockout Mouse Model. <i>FASEB Journal</i> , 2015 , 29, 969.4	0.9	0
18	Role of neutral amino acid transporter LAT4 in mouse epithelia. <i>FASEB Journal</i> , 2019 , 33, 575.12	0.9	
17	Amino Acid Transporters of Epithelia. <i>Physiology in Health and Disease</i> , 2020 , 255-323	0.2	
16	Short-term Regulation of Amino Acid Transporters by Amino Acids. <i>FASEB Journal</i> , 2015 , 29, 969.3	0.9	
15	Dietary homeostasis challenge in mice lacking aromatic amino acid transporter TAT1/Slc16a10. <i>FASEB Journal</i> , 2011 , 25, 1038.19	0.9	
14	Reconstitution of transepithelial Amino Acid Transport in MDCK Epithelia. <i>FASEB Journal</i> , 2012 , 26, 694.159	0.9	
13	Broad range neutral amino acid transporter (BOAT1) requires association with TMEM27 for surface expression in renal cells. <i>FASEB Journal</i> , 2012 , 26, 1068.19	0.9	
12	Specific oral amino acids induce a protective response. <i>FASEB Journal</i> , 2012 , 26, 889.1	0.9	
11	Unique roles for 3 specific amino acids in the control of food intake. <i>FASEB Journal</i> , 2013 , 27, 1153.2	0.9	
10	Analysis of L-leucine amino acid transporter species activity and gene expression by human blood brain barrier hCMEC/D3 model reveal potential LAT1, LAT4, BAT2 and yLAT1 functional cooperation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 271678X211039593	7.3	
9	Loss of LAT1 sex-dependently delays recovery after caerulein-induced acute pancreatitis.. <i>World Journal of Gastroenterology</i> , 2022 , 28, 1024-1054	5.6	
8	Phosphorylation of mouse intestinal basolateral amino acid uniporter LAT4 is controlled by food-entrained diurnal rhythm and dietary proteins 2020 , 15, e0233863		
7	Phosphorylation of mouse intestinal basolateral amino acid uniporter LAT4 is controlled by food-entrained diurnal rhythm and dietary proteins 2020 , 15, e0233863		
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- 1 Phosphorylation of mouse intestinal basolateral amino acid uniporter LAT4 is controlled by food-entrained diurnal rhythm and dietary proteins **2020**, 15, e0233863