Peter M Taylor

List of Publications by Year
in descending order

34 papers	2,591 citations	279798 23 h-index	377865 34 g-index
71 all docs	71 docs citations	71 times ranked	3914 citing authors

#	Article	IF	Citations
1	Wnt regulates amino acid transporter <i>Slc7a5</i> and so constrains the integrated stress response in mouse embryos. EMBO Reports, 2020, 21, e48469.	4.5	26
2	The L-type amino acid transporter LAT1 inhibits osteoclastogenesis and maintains bone homeostasis through the mTORC1 pathway. Science Signaling, 2019, 12, .	3.6	23
3	CDK7 is a component of the integrated stress response regulating SNAT2 (SLC38A2)/System A adaptation in response to cellular amino acid deprivation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 978-991.	4.1	6
4	Antigen receptor control of methionine metabolism in T cells. ELife, 2019, 8, .	6.0	132
5	Single cell analysis of kynurenine and System L amino acid transport in T cells. Nature Communications, 2018, 9, 1981.	12.8	128
6	Effects of Sodium and Amino Acid Substrate Availability upon the Expression and Stability of the SNAT2 (SLC38A2) Amino Acid Transporter. Frontiers in Pharmacology, 2018, 9, 63.	3.5	24
7	Michael John Rennie, MSc, PhD, FRSE, FHEA, 1946â€“2017: an appreciation of his work on protein metabolism in human muscle. American Journal of Clinical Nutrition, 2017, 106, 1-9.	4.7	39
8	Iron depletion suppresses mTORC1-directed signalling in intestinal Caco-2 cells via induction of REDD1. Cellular Signalling, 2016, 28, 412-424.	3.6	46
9	GSK3-mediated raptor phosphorylation supports amino-acid-dependent mTORC1-directed signalling. Biochemical Journal, 2015, 470, 207-221.	3.7	55
10	Proteasomal Modulation of Cellular SNAT2 (SLC38A2) Abundance and Function by Unsaturated Fatty Acid Availability. Journal of Biological Chemistry, 2015, 290, 8173-8184.	3.4	35
11	The Catalytic Subunit of the System L1 Amino Acid Transporter (Slc7a5) Facilitates Nutrient Signalling in Mouse Skeletal Muscle. PLoS ONE, 2014, 9, e89547.	2.5	83
12	Role of amino acid transporters in amino acid sensing. American Journal of Clinical Nutrition, 2014, 99, 223S-230S.	4.7	189
13	Control of amino-acid transport by antigen receptors coordinates the metabolic reprogramming essential for T cell differentiation. Nature Immunology, 2013, 14, 500-508.	14.5	732
14	Tertiary active transport of amino acids reconstituted by coexpression of System A and L transporters in<i>Xenopus</i>oocytes. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E822-E829.	3.5	66
15	Amino acid transporters: <i>Ã©minences grises</i> of nutrient signalling mechanisms?. Biochemical Society Transactions, 2009, 37, 237-241.	3.4	40
16	Tissue uptake of thyroid hormone by amino acid transporters. Best Practice and Research in Clinical Endocrinology and Metabolism, 2007, 21, 237-251.	4.7	41
17	Amino acid transporters: roles in amino acid sensing and signalling in animal cells. Biochemical Journal, 2003, 373, 1-18.	3.7	308
18	Effect of hypothyroidism on pathways for iodothyronine and tryptophan uptake into rat adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E254-E259.	3.5	12

#	ARTICLE	IF	CITATIONS
19	Role of the System L permease LAT1 in amino acid and iodothyronine transport in placenta. Biochemical Journal, 2001, 356, 719.	3.7	63
20	Subcellular localization and adaptive up-regulation of the System A (SAT2) amino acid transporter in skeletal-muscle cells and adipocytes. Biochemical Journal, 2001, 355, 563-568.	3.7	78
21	Role of the System L permease LAT1 in amino acid and iodothyronine transport in placenta. Biochemical Journal, 2001, 356, 719-725.	3.7	97
22	Absorbing competition for carnitine. Journal of Physiology, 2001, 532, 283-283.	2.9	18
23	Cysteine residues in the C-terminus of the neutral- and basic-amino-acid transporter heavy-chain subunit contribute to functional properties of the system b0,+-type amino acid transporter. Biochemical Journal, 2000, 351, 677-682.	3.7	9
24	Interactions between the thiol-group reagent N-ethylmaleimide and neutral and basic amino acid transporter-related amino acid transport. Biochemical Journal, 1999, 343, 169-176.	3.7	17
25	Integrin and cytoskeletal involvement in signalling cell volume changes to glutamine transport in rat skeletal muscle. Journal of Physiology, 1998, 512, 481-485.	2.9	27
26	Involvement of integrins and the cytoskeleton in modulation of skeletal muscle glycogen synthesis by changes in cell volume. FEBS Letters, 1997, 417, 101-103.	2.8	27
27	Signaling elements involved in amino acid transport responses to altered muscle cell volume. FASEB Journal, 1997, 11, 1111-1117.	0.5	72
28	Glutamine Metabolism and Transport in Skeletal Muscle and Heart and Their Clinical Relevance. Journal of Nutrition, 1996, 126, 1142S-1149S.	2.9	54
29	Altered glycogen synthesis associated with changes in cell volume of rat skeletal muscle myotubes in primary culture. Biochemical Society Transactions, 1996, 24, 244S-244S.	3.4	2
30	Multiple components of arginine and phenylalanine transport induced in neutral and basic amino acid transporter-cRNA-injected <i>Xenopus</i> oocytes. Biochemical Journal, 1996, 318, 915-922.	3.7	24
31	Sodiumâ€dependent glutamate transport in cultured rat myotubes increases after glutamine deprivation. FASEB Journal, 1994, 8, 127-131.	0.5	37
32	Na+/amino acid coupling stoichiometry of rheogenic system B0,+ transport in Xenopus oocytes is variable. Pflugers Archiv European Journal of Physiology, 1994, 426, 121-128.	2.8	19
33	Glutamine Transport and Its Metabolic Effects. Journal of Nutrition, 1994, 124, 1503S-1508S.	2.9	49
34	Transport of amino acids in muscle, gut and liver: relevance to metabolic control. Biochemical Society Transactions, 1990, 18, 1140-1142.	3.4	11