Ali Shawki

List of Publications by Year
in descending order

25 papers	701 citations	1040056 9 h-index	940533 16 g-index
27 all docs	27 docs citations	27 times ranked	956 citing authors

#	Article	IF	Citations
1	Autoimmune susceptibility gene <i>PTPN2</i> is required for clearance of adherent-invasive <i>Escherichia coli</i> by integrating bacterial uptake and lysosomal defence. Gut, 2022, 71, 89-99.	12.1	9
2	Loss of protein tyrosine phosphatase non-receptor type 2 reduces IL-4-driven alternative macrophage activation. Mucosal Immunology, 2022, 15, 74-83.	6.0	10
3	Ablation of Na ⁺ /H ⁺ exchangerâ€3 prevents tissue iron loading in the Hfe mouse model of hereditary hemochromatosis. FASEB Journal, 2022, 36, .	0.5	0
4	T cell protein tyrosine phosphatase protects intestinal barrier function by restricting epithelial tight junction remodeling. Journal of Clinical Investigation, 2021, 131, .	8.2	18
5	The autoimmune susceptibility gene, <i>PTPN2</i>, restricts expansion of a novel mouse adherent-invasive <i>E. coli</i>. Gut Microbes, 2020, 11, 1547-1566.	9.8	12
6	PTPN2 Regulates Interactions Between Macrophages and Intestinal Epithelial Cells to Promote Intestinal Barrier Function. Gastroenterology, 2020, 159, 1763-1777.e14.	1.3	62
7	Ablation of Na + /H + exchangerâ€3 prevents iron loading in the Hfe mouse model of hereditary hemochromatosis. FASEB Journal, 2019, 33, 825.2.	0.5	0
8	Calcium is an essential cofactor for metal efflux by the ferroportin transporter family. Nature Communications, 2018, 9, 3075.	12.8	47
9	Role of N â€glycosylation in the activity of divalent metalâ€ion transporterâ€1. FASEB Journal, 2018, 32, 876.1.	0.5	0
10	Mechanisms of Intestinal Epithelial Barrier Dysfunction byÂAdherent-Invasive Escherichia coli. Cellular and Molecular Gastroenterology and Hepatology, 2017, 3, 41-50.	4.5	87
11	Intestinal brush-border Na⁺/H⁺exchanger-3 drives H⁺-coupled iron absorption in the mouse. American Journal of Physiology - Renal Physiology, 2016, 311, G423-G430.	3.4	26
12	Intestinal DMT1 is critical for iron absorption in the mouse but is not required for the absorption of copper or manganese. American Journal of Physiology - Renal Physiology, 2015, 309, G635-G647.	3.4	94
13	Ferroportinâ€mediated cellular iron efflux requires extracellular calcium. FASEB Journal, 2015, 29, 566.15.	0.5	0
14	Intestinal divalent metalâ€ion transporterâ€1 is required for iron homeostasis in the neonatal mouse. FASEB Journal, 2015, 29, 1011.5.	0.5	0
15	Ablation of intestinal divalent metalâ€ion transporterâ€1 produces ironâ€deficiency anemia. FASEB Journal, 2013, 27, 950.3.	0.5	0
16	Substrate Profile and Metal-ion Selectivity of Human Divalent Metal-ion Transporter-1. Journal of Biological Chemistry, 2012, 287, 30485-30496.	3.4	208
17	H+-Coupled Divalent Metal-Ion Transporter-1. Current Topics in Membranes, 2012, 70, 169-214.	0.9	74
18	Intestinal divalent metalâ€ion transporterâ€1 is critical for iron homeostasis but is not required for maintenance of Cu or Zn. FASEB Journal, 2012, 26, 1112.2.	0.5	2

#	Article	IF	Citations
19	No evidence that copper is a transported substrate of the iron transporter DMT1. FASEB Journal, 2012, 26, 1112.3.	0.5	0
20	Interaction of calcium with the human divalent metal-ion transporter-1. Biochemical and Biophysical Research Communications, 2010, 393, 471-475.	2.1	48
21	Calcium interactions with divalent metalâ€“ion transporterâ€“1 (DMT1). FASEB Journal, 2010, 24, 1017.2.	0.5	1
22	Functional expression in Xenopus oocytes reveals that human ferroportin is an iron exporter shared with zinc. FASEB Journal, 2010, 24, 1017.3.	0.5	0
23	Molecular impact of divalent metalâ€ion transporter (DMT1) mutations (V114del and G212V) found in a compound heterozygote with microcytic anemia and hepatic iron overload. FASEB Journal, 2008, 22, .	0.5	1
24	PKC activation downregulates the human Na + /Lâ€ascorbic acid transporter SVCT1 via its derecruitment from the plasma membrane. FASEB Journal, 2008, 22, 936.16.	0.5	1
25	Cysteinyl residues participate in regulation of SVCT1â€mediated Lâ€ascorbic acid transport. FASEB Journal, 2006, 20, A840.	0.5	0