

Ali Shawki

List of Publications by Year in descending order

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papers

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1040056

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27
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956
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#	ARTICLE	IF	CITATIONS
1	Substrate Profile and Metal-ion Selectivity of Human Divalent Metal-ion Transporter-1. <i>Journal of Biological Chemistry</i> , 2012, 287, 30485-30496.	3.4	208
2	Intestinal DMT1 is critical for iron absorption in the mouse but is not required for the absorption of copper or manganese. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G635-G647.	3.4	94
3	Mechanisms of Intestinal Epithelial Barrier Dysfunction by Adherent-Invasive <i>Escherichia coli</i> . <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 3, 41-50.	4.5	87
4	H ⁺ -Coupled Divalent Metal-Ion Transporter-1. <i>Current Topics in Membranes</i> , 2012, 70, 169-214.	0.9	74
5	PTPN2 Regulates Interactions Between Macrophages and Intestinal Epithelial Cells to Promote Intestinal Barrier Function. <i>Gastroenterology</i> , 2020, 159, 1763-1777.e14.	1.3	62
6	Interaction of calcium with the human divalent metal-ion transporter-1. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 471-475.	2.1	48
7	Calcium is an essential cofactor for metal efflux by the ferroportin transporter family. <i>Nature Communications</i> , 2018, 9, 3075.	12.8	47
8	Intestinal brush-border Na ⁺ /H ⁺ exchanger-3 drives H ⁺ -coupled iron absorption in the mouse. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G423-G430.	3.4	26
9	T cell protein tyrosine phosphatase protects intestinal barrier function by restricting epithelial tight junction remodeling. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	18
10	The autoimmune susceptibility gene, <i>PTPN2</i> , restricts expansion of a novel mouse adherent-invasive <i>E. coli</i> . <i>Gut Microbes</i> , 2020, 11, 1547-1566.	9.8	12
11	Loss of protein tyrosine phosphatase non-receptor type 2 reduces IL-4-driven alternative macrophage activation. <i>Mucosal Immunology</i> , 2022, 15, 74-83.	6.0	10
12	Autoimmune susceptibility gene <i>PTPN2</i> is required for clearance of adherent-invasive <i>Escherichia coli</i> by integrating bacterial uptake and lysosomal defence. <i>Gut</i> , 2022, 71, 89-99.	12.1	9
13	Intestinal divalent metal-ion transporter 1 is critical for iron homeostasis but is not required for maintenance of Cu or Zn. <i>FASEB Journal</i> , 2012, 26, 1112.2.	0.5	2
14	Molecular impact of divalent metal-ion transporter (DMT1) mutations (V114del and G212V) found in a compound heterozygote with microcytic anemia and hepatic iron overload. <i>FASEB Journal</i> , 2008, 22, .	0.5	1
15	PKC activation downregulates the human Na ⁺ /L-ascorbic acid transporter SVCT1 via its derecruitment from the plasma membrane. <i>FASEB Journal</i> , 2008, 22, 936.16.	0.5	1
16	Calcium interactions with divalent metal-ion transporter 1 (DMT1). <i>FASEB Journal</i> , 2010, 24, 1017.2.	0.5	1
17	CysteinyI residues participate in regulation of SVCT1-mediated L-ascorbic acid transport. <i>FASEB Journal</i> , 2006, 20, A840.	0.5	0
18	Functional expression in <i>Xenopus</i> oocytes reveals that human ferroportin is an iron exporter shared with zinc. <i>FASEB Journal</i> , 2010, 24, 1017.3.	0.5	0

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19	No evidence that copper is a transported substrate of the iron transporter DMT1. FASEB Journal, 2012, 26, 1112.3.	0.5	0
20	Ablation of intestinal divalent metalâ€ion transporterâ€1 produces ironâ€deficiency anemia. FASEB Journal, 2013, 27, 950.3.	0.5	0
21	Ferroportinâ€mediated cellular iron efflux requires extracellular calcium. FASEB Journal, 2015, 29, 566.15.	0.5	0
22	Intestinal divalent metalâ€ion transporterâ€1 is required for iron homeostasis in the neonatal mouse. FASEB Journal, 2015, 29, 1011.5.	0.5	0
23	Role of N â€glycosylation in the activity of divalent metalâ€ion transporterâ€1. FASEB Journal, 2018, 32, 876.1.	0.5	0
24	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
25	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