Mahdi Amiri

List of Publications by Year in Descending Order

23 papers	203 citations	9 h-index	13 g-index
23 ext. papers	247 ext. citations	4.1 avg, IF	3.33 L-index

#	Paper	IF	Citations
23	MicroRNA-Targeted Signaling Pathways in the Autism Spectrum Disorder: Implications for Early Detection and Targeted Therapy. *CNS and Neurological Disorders - Drug Targets*, **2021**, 20, 68-75	2.6	1
22	The Role of pH in Intestinal Epithelial Proliferation-Transport Mechanisms, Regulatory Pathways, and Consequences. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 618135	5.7	1
21	Functional characterization of the sodium/hydrogen exchanger 8 and its role in proliferation of colonic epithelial cells. *American Journal of Physiology - Cell Physiology*, **2021**, 321, C471-C488	5.4	1
20	Phylogenetic analysis reveals key residues in substrate hydrolysis in the isomaltase domain of sucrase-isomaltase and its role in starch digestion. *Biochimica Et Biophysica Acta - General Subjects*, **2019**, 1863, 1410-1416	4	5
19	Expression, Localization and Functional Activity of the Major Na+/H+ Exchange Isoforms Expressed in the Intestinal Cell Line Caco-2BBe. *Cellular Physiology and Biochemistry*, **2019**, 52, 1017-1038	3.9	7
18	Dietary starch breakdown product sensing mobilizes and apically activates α-glucosidases in small intestinal enterocytes. *FASEB Journal*, **2018**, 32, 3903-3911	0.9	9
17	Posttranslational Processing and Function of Mucosal Maltases. *Journal of Pediatric Gastroenterology and Nutrition*, **2018**, 66 Suppl 3, S18-S23	2.8	6
16	Differential Glycosylation and Modulation of Camel and Human HSP Isoforms in Response to Thermal and Hypoxic Stresses. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	7
15	Molecular cloning, cellular expression and characterization of Arabian camel (Camelus dromedarius) endoplasmin. *International Journal of Biological Macromolecules*, **2018**, 117, 574-585	7.9	5
14	Molecular pathogenicity of novel sucrase-isomaltase mutations found in congenital sucrase-isomaltase deficiency patients. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2017**, 1863, 817-826	6.9	17
13	Structure-function analysis of human sucrase-isomaltase identifies key residues required for catalytic activity. *Journal of Biological Chemistry*, **2017**, 292, 11070-11078	5.4	17
12	Case study on the pathophysiology of Fabry disease: abnormalities of cellular membranes can be reversed by substrate reduction. *Bioscience Reports*, **2017**, 37,	4.1	13
11	Characterization of Mucosal Disaccharidases from Human Intestine. *Nutrients*, **2017**, 9,	6.7	10
10	Structural determinants for transport of lactase phlorizin-hydrolase in the early secretory pathway as a multi-domain membrane glycoprotein. *Biochimica Et Biophysica Acta - General Subjects*, **2017**, 1861, 3119-3128	4	2
9	The Pathobiochemistry of Gastrointestinal Symptoms in a Patient with Niemann-Pick Type C Disease. *JIMD Reports*, **2016**, 25, 25-29	1.9	4
8	The multiple roles of sucrase-isomaltase in the intestinal physiology. *Molecular and Cellular Pediatrics*, **2016**, 3, 2	3.3	35
7	Precision-cut intestinal slices as a culture system to analyze the infection of differentiated intestinal epithelial cells by avian influenza viruses. *Journal of Virological Methods*, **2015**, 212, 71-5	2.6	7

6	The Diverse Forms of Lactose Intolerance and the Putative Linkage to Several Cancers. *Nutrients*, **2015**, 7, 7209-30	6.7	23
5	Long term differential consequences of miglustat therapy on intestinal disaccharidases. *Journal of Inherited Metabolic Disease*, **2014**, 37, 929-37	5.4	13
4	The effect of N-butyl-deoxynojirimycin on the structure, function and trafficking of intestinal glycoproteins. *FASEB Journal*, **2013**, 27, 553.16	0.9	
3	Maturation and trafficking of a HMW sucrase-isomaltase species expressed via maltose sensing. *FASEB Journal*, **2013**, 27, 596.2	0.9	
2	Miglustat-induced intestinal carbohydrate malabsorption is due to the inhibition of β-glucosidases, but not β-galactosidases. *Journal of Inherited Metabolic Disease*, **2012**, 35, 949-54	5.4	19
1	Cadherin-related protein 24 induces morphological changes and partial cell polarization by facilitating direct cell-cell interactions. *Biological Chemistry*, **2012**, 393, 495-503	4.5	1