Mahdi Amiri

List of Publications by Year
in descending order

23	296	932766 10	887659 17
papers	citations	h-index	g-index

23	23	23	463
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The multiple roles of sucrase-isomaltase in the intestinal physiology. Molecular and Cellular Pediatrics, 2016, 3, 2.	1.0	52
2	The Diverse Forms of Lactose Intolerance and the Putative Linkage to Several Cancers. Nutrients, 2015, 7, 7209-7230.	1.7	42
3	Structure-function analysis of human sucrase-isomaltase identifies key residues required for catalytic activity. Journal of Biological Chemistry, 2017, 292, 11070-11078.	1.6	27
4	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.	1.8	23
5	Miglustatâ€induced intestinal carbohydrate malabsorption is due to the inhibition of Î±â€glucosidases, but not Î²â€galactosidases. Journal of Inherited Metabolic Disease, 2012, 35, 949-954.	1.7	20
6	Case study on the pathophysiology of Fabry disease: abnormalities of cellular membranes can be reversed by substrate reduction in vitro. Bioscience Reports, 2017, 37, .	1.1	16
7	Long term differential consequences of miglustat therapy on intestinal disaccharidases. Journal of Inherited Metabolic Disease, 2014, 37, 929-937.	1.7	14
8	Characterization of Mucosal Disaccharidases from Human Intestine. Nutrients, 2017, 9, 1106.	1.7	14
9	Dietary starch breakdown product sensing mobilizes and apically activates Î±â€glucosidases in small intestinal enterocytes. FASEB Journal, 2018, 32, 3903-3911.	0.2	14
10	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, 71-75.	1.0	10
11	Differential Glycosylation and Modulation of Camel and Human HSP Isoforms in Response to Thermal and Hypoxic Stresses. International Journal of Molecular Sciences, 2018, 19, 402.	1.8	10
12	Molecular cloning, cellular expression and characterization of Arabian camel (Camelus dromedarius) endoplasmin. International Journal of Biological Macromolecules, 2018, 117, 574-585.	3.6	10
13	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.	1.1	9
14	Posttranslational Processing and Function of Mucosal Maltases. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, S18-S23.	0.9	7
15	The Pathobiochemistry of Gastrointestinal Symptoms in a Patient with Niemann-Pick Type C Disease. JIMD Reports, 2015, 25, 25-29.	0.7	6
16	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.	2.1	6
17	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.	1.1	5
18	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.	1.1	3

#	Article	IF	Citations
19	The Role of pHi in Intestinal Epithelial Proliferationâ€“Transport Mechanisms, Regulatory Pathways, and Consequences. Frontiers in Cell and Developmental Biology, 2021, 9, 618135.	1.8	3
20	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.	0.8	3
21	Cadherin-related protein 24 induces morphological changes and partial cell polarization by facilitating direct cell-cell interactions. Biological Chemistry, 2012, 393, 495-503.	1.2	2
22	The effect of Nâ€butylâ€deoxynojirimycin on the structure, function and trafficking of intestinal glycoproteins. FASEB Journal, 2013, 27, 553.16.	0.2	0
23	Maturation and trafficking of a HMW sucraseâ€isomaltase species expressed via maltose sensing. FASEB Journal, 2013, 27, 596.2.	0.2	0