

# Mahdi Amiri

## List of Publications by Citations

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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	The multiple roles of sucrase-isomaltase in the intestinal physiology. <i>Molecular and Cellular Pediatrics</i> , <b>2016</b> , 3, 2	3.3	35
22	The Diverse Forms of Lactose Intolerance and the Putative Linkage to Several Cancers. <i>Nutrients</i> , <b>2015</b> , 7, 7209-30	6.7	23
21	Miglustat-induced intestinal carbohydrate malabsorption is due to the inhibition of $\alpha$ -glucosidases, but not $\alpha$ -galactosidases. <i>Journal of Inherited Metabolic Disease</i> , <b>2012</b> , 35, 949-54	5.4	19
20	Molecular pathogenicity of novel sucrase-isomaltase mutations found in congenital sucrase-isomaltase deficiency patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2017</b> , 1863, 817-826	6.9	17
19	Structure-function analysis of human sucrase-isomaltase identifies key residues required for catalytic activity. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 11070-11078	5.4	17
18	Case study on the pathophysiology of Fabry disease: abnormalities of cellular membranes can be reversed by substrate reduction. <i>Bioscience Reports</i> , <b>2017</b> , 37,	4.1	13
17	Long term differential consequences of miglustat therapy on intestinal disaccharidases. <i>Journal of Inherited Metabolic Disease</i> , <b>2014</b> , 37, 929-37	5.4	13
16	Characterization of Mucosal Disaccharidases from Human Intestine. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	10
15	Dietary starch breakdown product sensing mobilizes and apically activates $\alpha$ -glucosidases in small intestinal enterocytes. <i>FASEB Journal</i> , <b>2018</b> , 32, 3903-3911	0.9	9
14	Precision-cut intestinal slices as a culture system to analyze the infection of differentiated intestinal epithelial cells by avian influenza viruses. <i>Journal of Virological Methods</i> , <b>2015</b> , 212, 71-5	2.6	7
13	Expression, Localization and Functional Activity of the Major $\text{Na}^+/\text{H}^+$ Exchange Isoforms Expressed in the Intestinal Cell Line Caco-2BBE. <i>Cellular Physiology and Biochemistry</i> , <b>2019</b> , 52, 1017-1038	3.9	7
12	Differential Glycosylation and Modulation of Camel and Human HSP Isoforms in Response to Thermal and Hypoxic Stresses. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	7
11	Posttranslational Processing and Function of Mucosal Maltases. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2018</b> , 66 Suppl 3, S18-S23	2.8	6
10	Phylogenetic analysis reveals key residues in substrate hydrolysis in the isomaltase domain of sucrase-isomaltase and its role in starch digestion. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2019</b> , 1863, 1410-1416	4	5
9	Molecular cloning, cellular expression and characterization of Arabian camel ( <i>Camelus dromedarius</i> ) endoplasmin. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 117, 574-585	7.9	5
8	The Pathobiochemistry of Gastrointestinal Symptoms in a Patient with Niemann-Pick Type C Disease. <i>JIMD Reports</i> , <b>2016</b> , 25, 25-29	1.9	4
7	Structural determinants for transport of lactase phlorizin-hydrolase in the early secretory pathway as a multi-domain membrane glycoprotein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2017</b> , 1861, 3119-3128	4	2

6	Cadherin-related protein 24 induces morphological changes and partial cell polarization by facilitating direct cell-cell interactions. <i>Biological Chemistry</i> , <b>2012</b> , 393, 495-503	4.5	1
5	MicroRNA-Targeted Signaling Pathways in the Autism Spectrum Disorder: Implications for Early Detection and Targeted Therapy. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2021</b> , 20, 68-75	2.6	1
4	The Role of pH in Intestinal Epithelial Proliferation-Transport Mechanisms, Regulatory Pathways, and Consequences. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 618135	5.7	1
3	Functional characterization of the sodium/hydrogen exchanger 8 and its role in proliferation of colonic epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2021</b> , 321, C471-C488	5.4	1
2	The effect of N-butyl-deoxyojirimycin on the structure, function and trafficking of intestinal glycoproteins. <i>FASEB Journal</i> , <b>2013</b> , 27, 553.16	0.9	
1	Maturation and trafficking of a HMW sucrase-isomaltase species expressed via maltose sensing. <i>FASEB Journal</i> , <b>2013</b> , 27, 596.2	0.9	