

# Hassan Y Naim

## List of Publications by Year in descending order

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161  
papers

4,473  
citations

109321

35  
h-index

138484

58  
g-index

164  
all docs

164  
docs citations

164  
times ranked

5584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult sucrase-isomaltase deficiency masquerading as IBS. <i>Gut</i> , 2022, 71, 1237-1238.	12.1	11
2	Hypomorphic variants of lactase-phlorizin hydrolase in congenital lactase deficiency are trafficking incompetent and functionally inactive. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166338.	3.8	2
3	Effect of <i>Rosa canina</i> Methanol Extract on Membrane Trafficking in Different Niemann-Pick C1 Phenotypes. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
4	The Effect of Glycosylation Modulators on the Trafficking and Interaction of Spike Protein S1 Subunit and Angiotensin-Converting Enzyme 2. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
5	Biochemical Characterization of SARS-CoV-2 Spike RBD Mutations and Their Impact on ACE2 Receptor Binding. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
6	Biochemical Characterization of SARS-CoV-2 Spike RBD Mutations and Their Impact on ACE2 Receptor Binding. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	3.5	3
7	TRAP1 <sup>3</sup> -CDG shows asymmetric glycosylation and an effect on processing of proteins required in higher organisms. <i>Journal of Medical Genetics</i> , 2021, 58, 213-216.	3.2	9
8	<i>Rosa canina</i> L. Can Restore Endoplasmic Reticulum Alterations, Protein Trafficking and Membrane Integrity in a Dextran Sulfate Sodium-Induced Inflammatory Bowel Disease Phenotype. <i>Nutrients</i> , 2021, 13, 441.	4.1	6
9	Rare Hypomorphic Sucrase Isomaltase Variants in Relation to Irritable Bowel Syndrome Risk in UK Biobank. <i>Gastroenterology</i> , 2021, 161, 1712-1714.	1.3	11
10	<i>Staphylococcus aureus</i> Infection Influences the Function of Intestinal Cells by Altering the Lipid Raft-Dependent Sorting of Sucrase-Isomaltase. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 699970.	3.7	7
11	The glucose-regulated protein GRP94 interacts avidly in the endoplasmic reticulum with sucrase-isomaltase isoforms that are associated with congenital sucrase-isomaltase deficiency. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 237-243.	7.5	3
12	Differential Effects of Sucrase-Isomaltase Mutants on Its Trafficking and Function in Irritable Bowel Syndrome: Similarities to Congenital Sucrase-Isomaltase Deficiency. <i>Nutrients</i> , 2021, 13, 9.	4.1	10
13	IRE1-Mediated Unfolded Protein Response Promotes the Replication of Tick-Borne Flaviviruses in a Virus and Cell-Type Dependent Manner. <i>Viruses</i> , 2021, 13, 2164.	3.3	6
14	Proliferation and Differentiation of Intestinal Caco-2 Cells Are Maintained in Culture with Human Platelet Lysate Instead of Fetal Calf Serum. <i>Cells</i> , 2021, 10, 3038.	4.1	5
15	Impaired cell surface expression and digestive function of sucrase-isomaltase gene variants are associated with reduced efficacy of low FODMAPs diet in patients with IBS-D. <i>Gut</i> , 2020, 69, 1538-1539.	12.1	10
16	Mesenchymal to epithelial transition driven by canine distemper virus infection of canine histiocytic sarcoma cells contributes to a reduced cell motility in vitro. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9332-9348.	3.6	14
17	Ketogenic Diet: Impact on Cellular Lipids in Hippocampal Murine Neurons. <i>Nutrients</i> , 2020, 12, 3870.	4.1	8
18	Different Trafficking Phenotypes of Niemann-Pick C1 Gene Mutations Correlate with Various Alterations in Lipid Storage, Membrane Composition and Miglustat Amenability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2101.	4.1	10

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19	A mutation map for human glycoside hydrolase genes. <i>Glycobiology</i> , 2020, 30, 500-515.	2.5	6
20	Polymorphisms in dipeptidyl peptidase 4 reduce host cell entry of Middle East respiratory syndrome coronavirus. <i>Emerging Microbes and Infections</i> , 2020, 9, 155-168.	6.5	77
21	Digestive enzyme expression in the large intestine of children with short bowel syndrome in a late stage of adaptation. <i>FASEB Journal</i> , 2020, 34, 3983-3995.	0.5	3
22	Heat Shock Protein 60 in Hepatocellular Carcinoma: Insights and Perspectives. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 60.	3.5	19
23	Dextran Sodium Sulfate-Induced Impairment of Protein Trafficking and Alterations in Membrane Composition in Intestinal Caco-2 Cell Line. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2726.	4.1	18
24	Axonopathy and Reduction of Membrane Resistance: Key Features in a New Murine Model of Human GM1-Gangliosidosis. <i>Journal of Clinical Medicine</i> , 2020, 9, 1004.	2.4	10
25	Molecular and cellular analysis of intestinal lactase- $\alpha$ -glucosidase gene variants unravel a heterogeneous pathogenic pattern of congenital lactase deficiency. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	2
26	Protein and membrane trafficking in a dextran sulfate sodium-induced ER stress in absorptive intestinal Caco-2 cells. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
27	The Multiple Roles and Therapeutic Potential of Molecular Chaperones in Prostate Cancer. <i>Cancers</i> , 2019, 11, 1194.	3.7	43
28	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> , 2019, 1863, 1410-1416.	2.4	5
29	Cellular and Molecular Adaptation of Arabian Camel to Heat Stress. <i>Frontiers in Genetics</i> , 2019, 10, 588.	2.3	31
30	Heterozygotes Are a Potential New Entity among Homozygotes and Compound Heterozygotes in Congenital Sucrase-Isomaltase Deficiency. <i>Nutrients</i> , 2019, 11, 2290.	4.1	9
31	The Functions and Therapeutic Potential of Heat Shock Proteins in Inflammatory Bowel Disease—An Update. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5331.	4.1	20
32	Isolation and Quantification of Sphingosine and Sphinganine from Rat Serum Revealed Gender Differences. <i>Biomolecules</i> , 2019, 9, 459.	4.0	4
33	Heat Shock Proteins and Ovarian Cancer: Important Roles and Therapeutic Opportunities. <i>Cancers</i> , 2019, 11, 1389.	3.7	45
34	Congenital Lactase Deficiency: Mutations, Functional and Biochemical Implications, and Future Perspectives. <i>Nutrients</i> , 2019, 11, 461.	4.1	24
35	Different Niemann-Pick C1 Genotypes Generate Protein Phenotypes that Vary in their Intracellular Processing, Trafficking and Localization. <i>Scientific Reports</i> , 2019, 9, 5292.	3.3	31
36	The Vitamin E Derivative Gamma Tocotrienol Promotes Anti-Tumor Effects in Acute Myeloid Leukemia Cell Lines. <i>Nutrients</i> , 2019, 11, 2808.	4.1	14

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37	Niemannâ€Pick C1 Pathophysiology Associates with Different Classes of Protein Trafficking Phenotypes Elicited by NPCâ€1 Mutations. <i>FASEB Journal</i> , 2019, 33, 461.18.	0.5	0
38	Inflammation induced ER stress affects absorptive intestinal epithelial cells function and integrity. <i>International Immunopharmacology</i> , 2018, 55, 336-344.	3.8	45
39	Quantification of sterols from carp cell lines by using HPLCâ€MS. <i>Separation Science Plus</i> , 2018, 1, 11-21.	0.6	8
40	Functional variants in the sucraseâ€isomaltase gene associate with increased risk of irritable bowel syndrome. <i>Gut</i> , 2018, 67, 263-270.	12.1	120
41	Posttranslational Processing and Function of Mucosal Maltases. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 66, S18-S23.	1.8	7
42	Impact of Virtual Patients as Optional Learning Material in Veterinary Biochemistry Education. <i>Journal of Veterinary Medical Education</i> , 2018, 45, 177-187.	0.6	12
43	Mechanism of drug extrusion by brain endothelial cells via lysosomal drug trapping and disposal by neutrophils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9590-E9599.	7.1	35
44	Differential Glycosylation and Modulation of Camel and Human HSP Isoforms in Response to Thermal and Hypoxic Stresses. <i>International Journal of Molecular Sciences</i> , 2018, 19, 402.	4.1	10
45	The HSP90 Family: Structure, Regulation, Function, and Implications in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2560.	4.1	356
46	Molecular cloning, cellular expression and characterization of Arabian camel ( <i>Camelus dromedarius</i> ) endoplasmic. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 574-585.	7.5	10
47	Starch Tolerance and the Short Bowel. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 66, S68-S71.	1.8	5
48	Dietary starch breakdown product sensing mobilizes and apically activates Î±â€glucosidases in small intestinal enterocytes. <i>FASEB Journal</i> , 2018, 32, 3903-3911.	0.5	14
49	Expression and characterization of lactase phlorizin hydrolase region III. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, a116-a116.	0.1	0
50	Effects of SecDF on the antimicrobial functions of cathelicidins against <i>Staphylococcus aureus</i> . <i>Veterinary Microbiology</i> , 2017, 200, 52-58.	1.9	8
51	Molecular pathogenicity of novel sucrase-isomaltase mutations found in congenital sucrase-isomaltase deficiency patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 817-826.	3.8	23
52	Structure-function analysis of human sucrase-isomaltase identifies key residues required for catalytic activity. <i>Journal of Biological Chemistry</i> , 2017, 292, 11070-11078.	3.4	27
53	Case study on the pathophysiology of Fabry disease: abnormalities of cellular membranes can be reversed by substrate reduction <i>in vitro</i> . <i>Bioscience Reports</i> , 2017, 37, .	2.4	16
54	Antimicrobial activity of HL-60 cells compared to primary blood-derived neutrophils against <i>Staphylococcus aureus</i> . <i>Journal of Negative Results in BioMedicine</i> , 2017, 16, 2.	1.4	34

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55	Methods to Study Lipid Alterations in Neutrophils and the Subsequent Formation of Neutrophil Extracellular Traps. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	5
56	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> , 2017, 1861, 3119-3128.	2.4	3
57	In Vitro Testing of Crude Natural Plant Extracts from Costa Rica for Their Ability to Boost Innate Immune Cells against <i>Staphylococcus aureus</i> . <i>Biomedicines</i> , 2017, 5, 40.	3.2	5
58	Hypoxia Modulates the Response of Mast Cells to <i>Staphylococcus aureus</i> Infection. <i>Frontiers in Immunology</i> , 2017, 8, 541.	4.8	22
59	Differentiation and Functionality of Bone Marrow-Derived Mast Cells Depend on Varying Physiologic Oxygen Conditions. <i>Frontiers in Immunology</i> , 2017, 8, 1665.	4.8	6
60	Characterization of Mucosal Disaccharidases from Human Intestine. <i>Nutrients</i> , 2017, 9, 1106.	4.1	14
61	Utilization and acceptance of virtual patients in veterinary basic sciences - the vetVIP-project. <i>GMS Journal for Medical Education</i> , 2017, 34, Doc19.	0.1	7
62	Formation of Neutrophil Extracellular Traps under Low Oxygen Level. <i>Frontiers in Immunology</i> , 2016, 7, 518.	4.8	73
63	Hypoxia Decreases Invasin-Mediated <i>Yersinia enterocolitica</i> Internalization into Caco-2 Cells. <i>PLoS ONE</i> , 2016, 11, e0146103.	2.5	17
64	<i>Guarea kunthiana</i> Bark Extract Enhances the Antimicrobial Activities of Human and Bovine Neutrophils. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	4
65	What to do with high autofluorescence background in pancreatic tissues – an efficient Sudan black B quenching method for specific immunofluorescence labelling. <i>Histopathology</i> , 2016, 69, 406-422.	2.9	30
66	In vitro activity of human and animal cathelicidins against livestock-associated methicillin-resistant <i>Staphylococcus aureus</i> . <i>Veterinary Microbiology</i> , 2016, 194, 107-111.	1.9	19
67	Molecular biology of the gut. <i>Molecular and Cellular Pediatrics</i> , 2016, 3, 32.	1.8	1
68	Iron-chelating agent desferrioxamine stimulates formation of neutrophil extracellular traps (NETs) in human blood-derived neutrophils. <i>Bioscience Reports</i> , 2016, 36, .	2.4	42
69	Alterations in membrane trafficking and pathophysiological implications in lysosomal storage disorders. <i>Biochimie</i> , 2016, 130, 152-162.	2.6	29
70	Central Nervous System Demyelination and Remyelination is Independent from Systemic Cholesterol Level in <i>Thy1-Cre</i> Heiler's Murine Encephalomyelitis. <i>Brain Pathology</i> , 2016, 26, 102-119.	4.1	30
71	Cross-talk between intestinal epithelial cells and immune cells in inflammatory bowel disease. <i>Scientific Reports</i> , 2016, 6, 29783.	3.3	69
72	Intercellular transfer of P-glycoprotein in human blood-brain barrier endothelial cells is increased by histone deacetylase inhibitors. <i>Scientific Reports</i> , 2016, 6, 29253.	3.3	17

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73	The impact of hypoxia on intestinal epithelial cell functions: consequences for invasion by bacterial pathogens. <i>Molecular and Cellular Pediatrics</i> , 2016, 3, 14.	1.8	85
74	The multiple roles of sucrase-isomaltase in the intestinal physiology. <i>Molecular and Cellular Pediatrics</i> , 2016, 3, 2.	1.8	52
75	Endocytosis in enterocytes. <i>Wiener Medizinische Wochenschrift</i> , 2016, 166, 205-210.	1.1	5
76	Prostate-specific membrane antigen (PSMA) assembles a macromolecular complex regulating growth and survival of prostate cancer cells <i>in vitro</i> and correlating with progression <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 74189-74202.	1.8	21
77	Guarea kunthiana Bark Extract Enhances the Antimicrobial Activities of Human and Bovine Neutrophils. <i>Natural Product Communications</i> , 2016, 11, 767-70.	0.5	6
78	Measuring oxygen levels in Caco-2 cultures. <i>Hypoxia (Auckland, N Z)</i> , 2015, 3, 53.	1.9	20
79	The Diverse Forms of Lactose Intolerance and the Putative Linkage to Several Cancers. <i>Nutrients</i> , 2015, 7, 7209-7230.	4.1	42
80	Congenital lactose intolerance is triggered by severe mutations on both alleles of the lactase gene. <i>BMC Gastroenterology</i> , 2015, 15, 36.	2.0	28
81	Identification of a novel DNase of <i>Streptococcus suis</i> (EndAsuis) important for neutrophil extracellular trap degradation during exponential growth. <i>Microbiology (United Kingdom)</i> , 2015, 161, 838-850.	1.8	49
82	<i>Yersinia enterocolitica</i> -mediated degradation of neutrophil extracellular traps (NETs). <i>FEMS Microbiology Letters</i> , 2015, 362, fnv192.	1.8	25
83	The Pathobiochemistry of Gastrointestinal Symptoms in a Patient with Niemann-Pick Type C Disease. <i>JIMD Reports</i> , 2015, 25, 25-29.	1.5	6
84	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> , 2015, 212, 71-75.	2.1	10
85	Cholesterol-rich lipid rafts play an important role in the Cyprinid herpesvirus 3 replication cycle. <i>Veterinary Microbiology</i> , 2015, 179, 204-212.	1.9	11
86	A Novel SLC27A4 Splice Acceptor Site Mutation in Great Danes with Ichthyosis. <i>PLoS ONE</i> , 2015, 10, e0141514.	2.5	23
87	Drug-Induced Trafficking of P-Glycoprotein in Human Brain Capillary Endothelial Cells as Demonstrated by Exposure to Mitomycin C. <i>PLoS ONE</i> , 2014, 9, e88154.	2.5	34
88	Canine epidermal lipid sampling by skin scrub revealed variations between different body sites and normal and atopic dogs. <i>BMC Veterinary Research</i> , 2014, 10, 152.	1.9	6
89	Enrofloxacin Enhances the Formation of Neutrophil Extracellular Traps in Bovine Granulocytes. <i>Journal of Innate Immunity</i> , 2014, 6, 706-712.	3.8	30
90	The antimicrobial peptide LL-37 facilitates the formation of neutrophil extracellular traps. <i>Biochemical Journal</i> , 2014, 464, 3-11.	3.7	121

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91	Genetic reporter analysis reveals an expandable reservoir of OCT4+ cells in adult skin. <i>Cell Regeneration</i> , 2014, 3, 3:9.	2.6	5
92	Long term differential consequences of miglustat therapy on intestinal disaccharidases. <i>Journal of Inherited Metabolic Disease</i> , 2014, 37, 929-937.	3.6	14
93	Lipid alterations in human blood-derived neutrophils lead to formation of neutrophil extracellular traps. <i>European Journal of Cell Biology</i> , 2014, 93, 347-354.	3.6	35
94	Isolation and analysis of membrane lipids and lipid rafts in common carp ( <i>Cyprinus carpio</i> L.). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 169, 9-15.	1.6	21
95	The effect of Î²-glucan on formation and functionality of neutrophil extracellular traps in carp ( <i>Cyprinus carpio</i> L.). <i>Developmental and Comparative Immunology</i> , 2014, 44, 280-285.	2.3	45
96	Lidocaine effect on flotillin-2 distribution in detergent-resistant membranes of equine jejunal smooth muscle in vitro. <i>Veterinary Journal</i> , 2014, 200, 325-327.	1.7	2
97	Cholesterol depletion in human blood-derived neutrophils by methyl-Î²-cyclodextrin leads to the formation of neutrophil extracellular traps (1001.5). <i>FASEB Journal</i> , 2014, 28, 1001.5.	0.5	0
98	Lipid raft abnormalities and subsequent protein trafficking effects in Niemann-Pick type C1 (LB158). <i>FASEB Journal</i> , 2014, 28, LB158.	0.5	2
99	Cloning and characterization of canine prostate-specific membrane antigen. <i>Prostate</i> , 2013, 73, 642-650.	2.3	8
100	Discriminatory Role of Detergent-Resistant Membranes in the Dimerization and Endocytosis of Prostate-Specific Membrane Antigen. <i>PLoS ONE</i> , 2013, 8, e66193.	2.5	7
101	Kongenitale Diarrhœe. , 2013, , 189-202.		0
102	The effect of N-ethyl-deoxyojirimycin on the structure, function and trafficking of intestinal glycoproteins. <i>FASEB Journal</i> , 2013, 27, 553.16.	0.5	0
103	Maturation and trafficking of a HMW sucrase-isomaltase species expressed via maltose sensing. <i>FASEB Journal</i> , 2013, 27, 596.2.	0.5	0
104	Cadherin-related protein 24 induces morphological changes and partial cell polarization by facilitating direct cell-cell interactions. <i>Biological Chemistry</i> , 2012, 393, 495-503.	2.5	2
105	Congenital Sucrase-isomaltase Deficiency. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012, 55, S13-20.	1.8	36
106	Transient Sucrose and Starch Intolerance. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012, 55, S39-40.	1.8	3
107	Miglustat-induced intestinal carbohydrate malabsorption is due to the inhibition of Î±-glucosidases, but not Î²-galactosidases. <i>Journal of Inherited Metabolic Disease</i> , 2012, 35, 949-954.	3.6	20
108	The dual role of annexin II in targeting of brush border proteins and in intestinal cell polarity. <i>Differentiation</i> , 2011, 81, 243-252.	1.9	16

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109	Impairment of protein trafficking by direct interaction of gliadin peptides with actin. <i>Experimental Cell Research</i> , 2011, 317, 2124-2135.	2.6	26
110	Basic structural and functional characteristics of the epidermal barrier in wild mammals living in different habitats and climates. <i>European Journal of Wildlife Research</i> , 2011, 57, 873-885.	1.4	7
111	A modified lipid composition in Fabry disease leads to an intracellular block of the detergent-resistant membrane-associated dipeptidyl peptidase IV. <i>Journal of Inherited Metabolic Disease</i> , 2010, 33, 445-449.	3.6	12
112	Structural Hierarchy of Regulatory Elements in the Folding and Transport of an Intestinal Multidomain Protein. <i>Journal of Biological Chemistry</i> , 2010, 285, 4143-4152.	3.4	10
113	Structural Basis for Substrate Selectivity in Human Maltase-Glucoamylase and Sucrase-Isomaltase N-terminal Domains. <i>Journal of Biological Chemistry</i> , 2010, 285, 17763-17770.	3.4	173
114	Protocadherin of the Liver, Kidney, and Colon Associates with Detergent-resistant Membranes during Cellular Differentiation. <i>Journal of Biological Chemistry</i> , 2010, 285, 13193-13200.	3.4	6
115	Endocytotic segregation of gliadin peptide 31-49 in enterocytes. <i>Gut</i> , 2010, 59, 300-310.	12.1	63
116	Protocadherin of the liver, kidney and colon associates with detergent-resistant membranes during cellular differentiation. <i>FASEB Journal</i> , 2010, 24, 852.2.	0.5	0
117	Signalling pathway of prostate-specific membrane antigen implicates different types of detergent-resistant membranes. <i>FASEB Journal</i> , 2010, 24, 1b179.	0.5	0
118	Role of calcium in the structure and function of protocadherin of the liver, kidney and colon. <i>FASEB Journal</i> , 2010, 24, 869.1.	0.5	0
119	Congenital and Putatively Acquired Forms of Sucrase-Isomaltase Deficiency in Infancy: Effects of Sacrosidase Therapy. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009, 49, 485-487.	1.8	16
120	Impact of glycosylation and detergent-resistant membranes on the function of intestinal sucrase-isomaltase. <i>Biological Chemistry</i> , 2009, 390, 545-549.	2.5	24
121	Association of a GPI-anchored protein with detergent-resistant membranes facilitates its trafficking through the early secretory pathway. <i>Experimental Cell Research</i> , 2009, 315, 348-356.	2.6	15
122	Toxic peptides in Frazer's fraction interact with the actin cytoskeleton and affect the targeting and function of intestinal proteins. <i>Experimental Cell Research</i> , 2009, 315, 3442-3452.	2.6	13
123	Domains in biological membranes. <i>Experimental Cell Research</i> , 2009, 315, 2871-2878.	2.6	92
124	Compound Heterozygous Mutations Affect Protein Folding and Function in Patients With Congenital Sucrase-Isomaltase Deficiency. <i>Gastroenterology</i> , 2009, 136, 883-892.	1.3	60
125	Impaired Trafficking and Subcellular Localization of a Mutant Lactase Associated With Congenital Lactase Deficiency. <i>Gastroenterology</i> , 2009, 136, 2295-2303.	1.3	23
126	The Prostate Specific Membrane Antigen Regulates the Expression of IL-6 and CCL5 in Prostate Tumour Cells by Activating the MAPK Pathways. <i>PLoS ONE</i> , 2009, 4, e4608.	2.5	76



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127	Mosaic Pattern of Sucrase Isomaltase Deficiency in Two Brothers. <i>Pediatric Research</i> , 2008, 63, 79-83.	2.3	6
128	Different glycoforms of prostate-specific membrane antigen are intracellularly transported through their association with distinct detergent-resistant membranes. <i>Biochemical Journal</i> , 2008, 409, 149-157.	3.7	16
129	GPI-Anchor Dictates Trafficking of Membrane Dipeptidase. <i>FASEB Journal</i> , 2007, 21, A610.	0.5	0
130	Requirement for Galectin-3 in Apical Protein Sorting. <i>Current Biology</i> , 2006, 16, 408-414.	3.9	179
131	Novel mutations in the human sucrase-isomaltase gene (SI) that cause congenital carbohydrate malabsorption. <i>Human Mutation</i> , 2006, 27, 119-119.	2.5	50
132	Altered Folding, Turnover, and Polarized Sorting Act in Concert to Define a Novel Pathomechanism of Congenital Sucrase-Isomaltase Deficiency. <i>Journal of Biological Chemistry</i> , 2006, 281, 14393-14399.	3.4	24
133	Apical Transport and Folding of Prostate-specific Membrane Antigen Occurs Independent of Glycan Processing. <i>Journal of Biological Chemistry</i> , 2006, 281, 3505-3512.	3.4	12
134	A Mutation in Aminopeptidase N (CD13) Isolated from a Patient Suffering from Leukemia Leads to an Arrest in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2006, 281, 11894-11900.	3.4	9
135	A Novel Type of Detergent-resistant Membranes May Contribute to an Early Protein Sorting Event in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 42636-42643.	3.4	55
136	Impaired trafficking of mutants of lysosomal glucocerebrosidase in Gaucher's disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 2310-2320.	2.8	90
137	Antigen Transport and Cytoskeletal Characteristics of a Distinct Enterocyte Population in Inflammatory Bowel Diseases. <i>American Journal of Pathology</i> , 2004, 165, 425-437.	3.8	37
138	Distinct Cytoskeletal Tracks Direct Individual Vesicle Populations to the Apical Membrane of Epithelial Cells. <i>Current Biology</i> , 2003, 13, 607-612.	3.9	68
139	Congenital sucrase-isomaltase deficiency because of an accumulation of the mutant enzyme in the endoplasmic reticulum. <i>Gastroenterology</i> , 2003, 125, 1678-1685.	1.3	37
140	A Glutamine to Proline Exchange at Amino Acid Residue 1098 in Sucrase Causes a Temperature-sensitive Arrest of Sucrase-isomaltase in the Endoplasmic Reticulum and cis-Golgi. <i>Journal of Biological Chemistry</i> , 2003, 278, 16310-16314.	3.4	18
141	The Prosequence of Human Lactase-Phlorizin Hydrolase Modulates the Folding of the Mature Enzyme. <i>Journal of Biological Chemistry</i> , 2002, 277, 8217-8225.	3.4	33
142	Intestinal Dipeptidyl Peptidase IV Is Efficiently Sorted to the Apical Membrane through the Concerted Action of N- and O-Glycans as Well as Association with Lipid Microdomains. <i>Journal of Biological Chemistry</i> , 2002, 277, 10683-10690.	3.4	58
143	Sucrase Is an Intramolecular Chaperone Located at the C-terminal End of the Sucrase-Isomaltase Enzyme Complex. <i>Journal of Biological Chemistry</i> , 2002, 277, 32141-32148.	3.4	12
144	Apical membrane proteins are transported in distinct vesicular carriers. <i>Current Biology</i> , 2001, 11, 1444-1450.	3.9	107

#	ARTICLE	IF	CITATIONS
145	Molecular Basis of Aberrant Apical Protein Transport in an Intestinal Enzyme Disorder. <i>Journal of Biological Chemistry</i> , 2001, 276, 23506-23510.	3.4	37
146	Structural Determinants Required for Apical Sorting of an Intestinal Brush-border Membrane Protein. <i>Journal of Biological Chemistry</i> , 2000, 275, 6566-6572.	3.4	74
147	Additional N-Glycosylation and Its Impact on the Folding of Intestinal Lactase-phlorizin Hydrolase. <i>Journal of Biological Chemistry</i> , 2000, 275, 10630-10637.	3.4	31
148	Congenital sucrase-isomaltase deficiency arising from cleavage and secretion of a mutant form of the enzyme. <i>Journal of Clinical Investigation</i> , 2000, 106, 281-287.	8.2	45
149	Temporal Association of the N- and O-Linked Glycosylation Events and Their Implication in the Polarized Sorting of Intestinal Brush Border Sucrase-Isomaltase, Aminopeptidase N, and Dipeptidyl Peptidase IV. <i>Journal of Biological Chemistry</i> , 1999, 274, 17961-17967.	3.4	72
150	Hierarchy of Sorting Signals in Chimeras of Intestinal Lactase-Phlorizin Hydrolase and the Influenza Virus Hemagglutinin. <i>Journal of Biological Chemistry</i> , 1999, 274, 8061-8067.	3.4	34
151	O-linked glycans mediate apical sorting of human intestinal sucrase-isomaltase through association with lipid rafts. <i>Current Biology</i> , 1999, 9, 593-S2.	3.9	154
152	Intracellular transport of acid $\beta$ -glucosidase and lysosome-associated membrane proteins is affected in Gaucher's disease (G202R mutation). , 1999, 188, 407-414.		55
153	Protein Domains Implicated in Intracellular Transport and Sorting of Lactase-Phlorizin Hydrolase. <i>Journal of Biological Chemistry</i> , 1998, 273, 13861-13869.	3.4	18
154	Routing and Processing of Lactase-Phlorizin Hydrolase in Transfected Caco-2 Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 6650-6655.	3.4	15
155	Proteolytic Processing of Human Lactase-Phlorizin Hydrolase Is a Two-Step Event: Identification of the Cleavage Sites. <i>Archives of Biochemistry and Biophysics</i> , 1996, 336, 27-34.	3.0	18
156	Maturation of Human Intestinal Lactase-Phlorizin Hydrolase. Generation of the Brush Border form of the Enzyme Involves at Least Two Proteolytic Cleavage Steps. <i>FEBS Journal</i> , 1996, 236, 789-795.	0.2	26
157	Cloning and expression of human intestinal sucrase-isomaltase. <i>Biochemical Society Transactions</i> , 1995, 23, 304S-304S.	3.4	4
158	Analysis of the putative cleavage site in human lactase-phlorizin hydrolase. <i>Biochemical Society Transactions</i> , 1995, 23, 305S-305S.	3.4	1
159	Folding of Human Intestinal Lactase-phlorizin Hydrolase. <i>Journal of Biological Chemistry</i> , 1995, 270, 18678-18684.	3.4	13
160	Processing and transport of human small intestinal lactase-phlorizin hydrolase (LPH). <i>FEBS Letters</i> , 1994, 342, 302-307.	2.8	12
161	Striking structural and functional similarities suggest that intestinal sucrase-isomaltase, human lysosomal $\beta$ -glucosidase and <i>Schwanniomyces occidentalis</i> glucoamylase are derived from a common ancestral gene. <i>FEBS Letters</i> , 1991, 294, 109-112.	2.8	38