

Hassan Y Naim

List of Publications by Year in descending order

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161
papers

4,473
citations

109264

35
h-index

138417

58
g-index

164
all docs

164
docs citations

164
times ranked

5584
citing authors

#	ARTICLE	IF	CITATIONS
1	The HSP90 Family: Structure, Regulation, Function, and Implications in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2560.	1.8	356
2	Requirement for Galectin-3 in Apical Protein Sorting. <i>Current Biology</i> , 2006, 16, 408-414.	1.8	179
3	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.	1.6	173
4	O-linked glycans mediate apical sorting of human intestinal sucrase-isomaltase through association with lipid rafts. <i>Current Biology</i> , 1999, 9, 593-S2.	1.8	154
5	The antimicrobial peptide LL-37 facilitates the formation of neutrophil extracellular traps. <i>Biochemical Journal</i> , 2014, 464, 3-11.	1.7	121
6	Functional variants in the sucrase-isomaltase gene associate with increased risk of irritable bowel syndrome. <i>Gut</i> , 2018, 67, 263-270.	6.1	120
7	Apical membrane proteins are transported in distinct vesicular carriers. <i>Current Biology</i> , 2001, 11, 1444-1450.	1.8	107
8	Domains in biological membranes. <i>Experimental Cell Research</i> , 2009, 315, 2871-2878.	1.2	92
9	Impaired trafficking of mutants of lysosomal glucocerebrosidase in Gaucher's disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 2310-2320.	1.2	90
10	The impact of hypoxia on intestinal epithelial cell functions: consequences for invasion by bacterial pathogens. <i>Molecular and Cellular Pediatrics</i> , 2016, 3, 14.	1.0	85
11	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.	3.0	77
12	The Prostate Specific Membrane Antigen Regulates the Expression of IL-6 and CCL5 in Prostate Tumour Cells by Activating the MAPK Pathways1. <i>PLoS ONE</i> , 2009, 4, e4608.	1.1	76
13	Structural Determinants Required for Apical Sorting of an Intestinal Brush-border Membrane Protein. <i>Journal of Biological Chemistry</i> , 2000, 275, 6566-6572.	1.6	74
14	Formation of Neutrophil Extracellular Traps under Low Oxygen Level. <i>Frontiers in Immunology</i> , 2016, 7, 518.	2.2	73
15	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.	1.6	72
16	Cross-talk between intestinal epithelial cells and immune cells in inflammatory bowel disease. <i>Scientific Reports</i> , 2016, 6, 29783.	1.6	69
17	Distinct Cytoskeletal Tracks Direct Individual Vesicle Populations to the Apical Membrane of Epithelial Cells. <i>Current Biology</i> , 2003, 13, 607-612.	1.8	68
18	Endocytotic segregation of gliadin peptide 31-49 in enterocytes. <i>Gut</i> , 2010, 59, 300-310.	6.1	63

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19	Compound Heterozygous Mutations Affect Protein Folding and Function in Patients With Congenital Sucrase-Isomaltase Deficiency. <i>Gastroenterology</i> , 2009, 136, 883-892.	0.6	60
20	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.	1.6	58
21	Intracellular transport of acid β -glucosidase and lysosome-associated membrane proteins is affected in Gaucher's disease (G202R mutation). , 1999, 188, 407-414.		55
22	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.	1.6	55
23	The multiple roles of sucrase-isomaltase in the intestinal physiology. <i>Molecular and Cellular Pediatrics</i> , 2016, 3, 2.	1.0	52
24	Novel mutations in the human sucrase-isomaltase gene (SI) that cause congenital carbohydrate malabsorption. <i>Human Mutation</i> , 2006, 27, 119-119.	1.1	50
25	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.	0.7	49
26	The effect of β -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.	1.0	45
27	Inflammation induced ER stress affects absorptive intestinal epithelial cells function and integrity. <i>International Immunopharmacology</i> , 2018, 55, 336-344.	1.7	45
28	Heat Shock Proteins and Ovarian Cancer: Important Roles and Therapeutic Opportunities. <i>Cancers</i> , 2019, 11, 1389.	1.7	45
29	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.	3.9	45
30	The Multiple Roles and Therapeutic Potential of Molecular Chaperones in Prostate Cancer. <i>Cancers</i> , 2019, 11, 1194.	1.7	43
31	The Diverse Forms of Lactose Intolerance and the Putative Linkage to Several Cancers. <i>Nutrients</i> , 2015, 7, 7209-7230.	1.7	42
32	Iron-chelating agent desferrioxamine stimulates formation of neutrophil extracellular traps (NETs) in human blood-derived neutrophils. <i>Bioscience Reports</i> , 2016, 36, .	1.1	42
33	Striking structural and functional similarities suggest that intestinal sucrase-isomaltase, human lysosomal β -glucosidase and <i>Schwanniomyces occidentalis</i> glucoamylase are derived from a common ancestral gene. <i>FEBS Letters</i> , 1991, 294, 109-112.	1.3	38
34	Molecular Basis of Aberrant Apical Protein Transport in an Intestinal Enzyme Disorder. <i>Journal of Biological Chemistry</i> , 2001, 276, 23506-23510.	1.6	37
35	Congenital sucrase-isomaltase deficiency because of an accumulation of the mutant enzyme in the endoplasmic reticulum. <i>Gastroenterology</i> , 2003, 125, 1678-1685.	0.6	37
36	Antigen Transport and Cytoskeletal Characteristics of a Distinct Enterocyte Population in Inflammatory Bowel Diseases. <i>American Journal of Pathology</i> , 2004, 165, 425-437.	1.9	37

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37	Congenital Sucrase-Isomaltase Deficiency. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012, 55, S13-20.	0.9	36
38	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.	1.6	35
39	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.	3.3	35
40	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.	1.6	34
41	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.	1.1	34
42	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
43	The Prosequence of Human Lactase-Phlorizin Hydrolase Modulates the Folding of the Mature Enzyme. <i>Journal of Biological Chemistry</i> , 2002, 277, 8217-8225.	1.6	33
44	Additional N-Glycosylation and Its Impact on the Folding of Intestinal Lactase-phlorizin Hydrolase. <i>Journal of Biological Chemistry</i> , 2000, 275, 10630-10637.	1.6	31
45	Cellular and Molecular Adaptation of Arabian Camel to Heat Stress. <i>Frontiers in Genetics</i> , 2019, 10, 588.	1.1	31
46	Different Niemann-Pick C1 Genotypes Generate Protein Phenotypes that Vary in their Intracellular Processing, Trafficking and Localization. <i>Scientific Reports</i> , 2019, 9, 5292.	1.6	31
47	Enrofloxacin Enhances the Formation of Neutrophil Extracellular Traps in Bovine Granulocytes. <i>Journal of Innate Immunity</i> , 2014, 6, 706-712.	1.8	30
48	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.	1.6	30
49	Central Nervous System Demyelination and Remyelination is Independent from Systemic Cholesterol Level in <i>scpt</i> 's Murine Encephalomyelitis. <i>Brain Pathology</i> , 2016, 26, 102-119.	2.1	30
50	Alterations in membrane trafficking and pathophysiological implications in lysosomal storage disorders. <i>Biochimie</i> , 2016, 130, 152-162.	1.3	29
51	Congenital lactose intolerance is triggered by severe mutations on both alleles of the lactase gene. <i>BMC Gastroenterology</i> , 2015, 15, 36.	0.8	28
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.	1.6	27
53	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
54	Impairment of protein trafficking by direct interaction of gliadin peptides with actin. <i>Experimental Cell Research</i> , 2011, 317, 2124-2135.	1.2	26

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55	<i>Yersinia enterocolitica</i> -mediated degradation of neutrophil extracellular traps (NETs). FEMS Microbiology Letters, 2015, 362, fmv192.	0.7	25
56	Altered Folding, Turnover, and Polarized Sorting Act in Concert to Define a Novel Pathomechanism of Congenital Sucrase-Isomaltase Deficiency. Journal of Biological Chemistry, 2006, 281, 14393-14399.	1.6	24
57	Impact of glycosylation and detergent-resistant membranes on the function of intestinal sucrase-isomaltase. Biological Chemistry, 2009, 390, 545-549.	1.2	24
58	Congenital Lactase Deficiency: Mutations, Functional and Biochemical Implications, and Future Perspectives. Nutrients, 2019, 11, 461.	1.7	24
59	Impaired Trafficking and Subcellular Localization of a Mutant Lactase Associated With Congenital Lactase Deficiency. Gastroenterology, 2009, 136, 2295-2303.	0.6	23
60	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
61	A Novel SLC27A4 Splice Acceptor Site Mutation in Great Danes with Ichthyosis. PLoS ONE, 2015, 10, e0141514.	1.1	23
62	Hypoxia Modulates the Response of Mast Cells to Staphylococcus aureus Infection. Frontiers in Immunology, 2017, 8, 541.	2.2	22
63	Isolation and analysis of membrane lipids and lipid rafts in common carp (<i>Cyprinus carpio</i> L.). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 169, 9-15.	0.7	21
64	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> . Oncotarget, 2016, 7, 74189-74202.	0.8	21
65	Miglustat-induced intestinal carbohydrate malabsorption is due to the inhibition of α -glucosidases, but not β -galactosidases. Journal of Inherited Metabolic Disease, 2012, 35, 949-954.	1.7	20
66	Measuring oxygen levels in Caco-2 cultures. Hypoxia (Auckland, N Z), 2015, 3, 53.	1.9	20
67	The Functions and Therapeutic Potential of Heat Shock Proteins in Inflammatory Bowel Disease—An Update. International Journal of Molecular Sciences, 2019, 20, 5331.	1.8	20
68	In vitro activity of human and animal cathelicidins against livestock-associated methicillin-resistant <i>Staphylococcus aureus</i> . Veterinary Microbiology, 2016, 194, 107-111.	0.8	19
69	Heat Shock Protein 60 in Hepatocellular Carcinoma: Insights and Perspectives. Frontiers in Molecular Biosciences, 2020, 7, 60.	1.6	19
70	Proteolytic Processing of Human Lactase-Phlorizin Hydrolase Is a Two-Step Event: Identification of the Cleavage Sites. Archives of Biochemistry and Biophysics, 1996, 336, 27-34.	1.4	18
71	Protein Domains Implicated in Intracellular Transport and Sorting of Lactase-Phlorizin Hydrolase. Journal of Biological Chemistry, 1998, 273, 13861-13869.	1.6	18
72	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. Journal of Biological Chemistry, 2003, 278, 16310-16314.	1.6	18

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73	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.	1.8	18
74	Hypoxia Decreases Invasin-Mediated <i>Yersinia enterocolitica</i> Internalization into Caco-2 Cells. <i>PLoS ONE</i> , 2016, 11, e0146103.	1.1	17
75	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.	1.6	17
76	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.	1.7	16
77	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.	0.9	16
78	The dual role of annexin II in targeting of brush border proteins and in intestinal cell polarity. <i>Differentiation</i> , 2011, 81, 243-252.	1.0	16
79	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, .	1.1	16
80	Routing and Processing of Lactase-Phlorizin Hydrolase in Transfected Caco-2 Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 6650-6655.	1.6	15
81	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.	1.2	15
82	Long term differential consequences of miglustat therapy on intestinal disaccharidases. <i>Journal of Inherited Metabolic Disease</i> , 2014, 37, 929-937.	1.7	14
83	Characterization of Mucosal Disaccharidases from Human Intestine. <i>Nutrients</i> , 2017, 9, 1106.	1.7	14
84	Dietary starch breakdown product sensing mobilizes and apically activates α -glucosidases in small intestinal enterocytes. <i>FASEB Journal</i> , 2018, 32, 3903-3911.	0.2	14
85	The Vitamin E Derivative Gamma Tocotrienol Promotes Anti-Tumor Effects in Acute Myeloid Leukemia Cell Lines. <i>Nutrients</i> , 2019, 11, 2808.	1.7	14
86	Mesenchymal to epithelial transition driven by canine distemper virus infection of canine histiocytic sarcoma cells contributes to a reduced cell motility <i>in vitro</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9332-9348.	1.6	14
87	Folding of Human Intestinal Lactase-phlorizin Hydrolase. <i>Journal of Biological Chemistry</i> , 1995, 270, 18678-18684.	1.6	13
88	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.	1.2	13
89	Processing and transport of human small intestinal lactase-phlorizin hydrolase (LPH). <i>FEBS Letters</i> , 1994, 342, 302-307.	1.3	12
90	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.	1.6	12

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91	Apical Transport and Folding of Prostate-specific Membrane Antigen Occurs Independent of Glycan Processing. <i>Journal of Biological Chemistry</i> , 2006, 281, 3505-3512.	1.6	12
92	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.	1.7	12
93	Impact of Virtual Patients as Optional Learning Material in Veterinary Biochemistry Education. <i>Journal of Veterinary Medical Education</i> , 2018, 45, 177-187.	0.4	12
94	Cholesterol-rich lipid rafts play an important role in the Cyprinid herpesvirus 3 replication cycle. <i>Veterinary Microbiology</i> , 2015, 179, 204-212.	0.8	11
95	Rare Hypomorphic Sucrase Isomaltase Variants in Relation to Irritable Bowel Syndrome Risk in UK Biobank. <i>Gastroenterology</i> , 2021, 161, 1712-1714.	0.6	11
96	Adult sucrase-isomaltase deficiency masquerading as IBS. <i>Gut</i> , 2022, 71, 1237-1238.	6.1	11
97	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.	1.6	10
98	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.	1.0	10
99	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.	1.8	10
100	Molecular cloning, cellular expression and characterization of Arabian camel (<i>Camelus dromedarius</i>) endoplasmic reticulum chaperone protein. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 574-585.	3.6	10
101	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.	6.1	10
102	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.	1.8	10
103	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.	1.0	10
104	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.	1.7	10
105	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.	1.6	9
106	Heterozygotes Are a Potential New Entity among Homozygotes and Compound Heterozygotes in Congenital Sucrase-Isomaltase Deficiency. <i>Nutrients</i> , 2019, 11, 2290.	1.7	9
107	TRAP ³ -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.	1.5	9
108	Cloning and characterization of canine prostate-specific membrane antigen. <i>Prostate</i> , 2013, 73, 642-650.	1.2	8

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109	Effects of SecDF on the antimicrobial functions of cathelicidins against <i>Staphylococcus aureus</i> . <i>Veterinary Microbiology</i> , 2017, 200, 52-58.	0.8	8
110	Quantification of sterols from carp cell lines by using HPLC-MS. <i>Separation Science Plus</i> , 2018, 1, 11-21.	0.3	8
111	Ketogenic Diet: Impact on Cellular Lipids in Hippocampal Murine Neurons. <i>Nutrients</i> , 2020, 12, 3870.	1.7	8
112	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.	0.7	7
113	Discriminatory Role of Detergent-Resistant Membranes in the Dimerization and Endocytosis of Prostate-Specific Membrane Antigen. <i>PLoS ONE</i> , 2013, 8, e66193.	1.1	7
114	Posttranslational Processing and Function of Mucosal Maltases. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 66, S18-S23.	0.9	7
115	<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.	1.8	7
116	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
117	Mosaic Pattern of Sucrase Isomaltase Deficiency in Two Brothers. <i>Pediatric Research</i> , 2008, 63, 79-83.	1.1	6
118	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.	1.6	6
119	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.	0.7	6
120	The Pathobiochemistry of Gastrointestinal Symptoms in a Patient with Niemann-Pick Type C Disease. <i>JIMD Reports</i> , 2015, 25, 25-29.	0.7	6
121	Differentiation and Functionality of Bone Marrow-Derived Mast Cells Depend on Varying Physiologic Oxygen Conditions. <i>Frontiers in Immunology</i> , 2017, 8, 1665.	2.2	6
122	A mutation map for human glycoside hydrolase genes. <i>Glycobiology</i> , 2020, 30, 500-515.	1.3	6
123	<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.	1.7	6
124	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.	1.5	6
125	<i>Guarea kunthiana</i> Bark Extract Enhances the Antimicrobial Activities of Human and Bovine Neutrophils. <i>Natural Product Communications</i> , 2016, 11, 767-70.	0.2	6
126	Genetic reporter analysis reveals an expandable reservoir of OCT4+ cells in adult skin. <i>Cell Regeneration</i> , 2014, 3, 3:9.	1.1	5

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127	Endocytosis in enterocytes. Wiener Medizinische Wochenschrift, 2016, 166, 205-210.	0.5	5
128	Methods to Study Lipid Alterations in Neutrophils and the Subsequent Formation of Neutrophil Extracellular Traps. Journal of Visualized Experiments, 2017, , .	0.2	5
129	In Vitro Testing of Crude Natural Plant Extracts from Costa Rica for Their Ability to Boost Innate Immune Cells against Staphylococcus aureus. Biomedicines, 2017, 5, 40.	1.4	5
130	Starch Tolerance and the Short Bowel. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, S68-S71.	0.9	5
131	Phylogenetic analysis reveals key residues in substrate hydrolysis in the isomaltase domain of sucrose-isomaltase and its role in starch digestion. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 1410-1416.	1.1	5
132	Proliferation and Differentiation of Intestinal Caco-2 Cells Are Maintained in Culture with Human Platelet Lysate Instead of Fetal Calf Serum. Cells, 2021, 10, 3038.	1.8	5
133	Cloning and expression of human intestinal sucrose-isomaltase. Biochemical Society Transactions, 1995, 23, 304S-304S.	1.6	4
134	Guarea kunthiana Bark Extract Enhances the Antimicrobial Activities of Human and Bovine Neutrophils. Natural Product Communications, 2016, 11, 1934578X1601100.	0.2	4
135	Isolation and Quantification of Sphingosine and Sphinganine from Rat Serum Revealed Gender Differences. Biomolecules, 2019, 9, 459.	1.8	4
136	Transient Sucrose and Starch Intolerance. Journal of Pediatric Gastroenterology and Nutrition, 2012, 55, S39-40.	0.9	3
137	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
138	Digestive enzyme expression in the large intestine of children with short bowel syndrome in a late stage of adaptation. FASEB Journal, 2020, 34, 3983-3995.	0.2	3
139	The glucose-regulated protein GRP94 interacts avidly in the endoplasmic reticulum with sucrose-isomaltase isoforms that are associated with congenital sucrose-isomaltase deficiency. International Journal of Biological Macromolecules, 2021, 186, 237-243.	3.6	3
140	Biochemical Characterization of SARS-CoV-2 Spike RBD Mutations and Their Impact on ACE2 Receptor Binding. Frontiers in Molecular Biosciences, 2022, 9, .	1.6	3
141	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
142	Lidocaine effect on flotillin-2 distribution in detergent-resistant membranes of equine jejunal smooth muscle in vitro. Veterinary Journal, 2014, 200, 325-327.	0.6	2
143	Molecular and cellular analysis of intestinal lactase- α phlorizin hydrolase gene variants unravel a heterogeneous pathogenic pattern of congenital lactase deficiency. FASEB Journal, 2020, 34, 1-1.	0.2	2
144	Lipid raft abnormalities and subsequent protein trafficking effects in Niemann-Pick type C1 (LB158). FASEB Journal, 2014, 28, LB158.	0.2	2

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145	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.	1.8	2
146	Analysis of the putative cleavage site in human lactase-phlorizin hydrolase. <i>Biochemical Society Transactions</i> , 1995, 23, 305S-305S.	1.6	1
147	Molecular biology of the gut. <i>Molecular and Cellular Pediatrics</i> , 2016, 3, 32.	1.0	1
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