Sumaira Z Hasnain

List of Publications by Year
in descending order

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55	3,077	236612 25	214527 47
papers	citations	h-index	g-index

59	59	59	5286
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Muc5ac: a critical component mediating the rejection of enteric nematodes. Journal of Experimental Medicine, 2011, 208, 893-900.	4.2	265
2	High Fat Diets Induce Colonic Epithelial Cell Stress and Inflammation that is Reversed by IL-22. Scientific Reports, 2016, 6, 28990.	1.6	243
3	The interplay between endoplasmic reticulum stress and inflammation. Immunology and Cell Biology, 2012, 90, 260-270.	1.0	226
4	Oxidative and endoplasmic reticulum stress in Î²-cell dysfunction in diabetes. Journal of Molecular Endocrinology, 2016, 56, R33-R54.	1.1	209
5	Glycemic control in diabetes is restored by therapeutic manipulation of cytokines that regulate beta cell stress. Nature Medicine, 2014, 20, 1417-1426.	15.2	208
6	IL-10 Promotes Production of Intestinal Mucus by Suppressing Protein Misfolding and Endoplasmic Reticulum Stress in Goblet Cells. Gastroenterology, 2013, 144, 357-368.e9.	0.6	190
7	Interleukinâ€23 Mediates the Intestinal Response to Microbial Î²â€1,3â€Glucan and the Development of Spondyloarthritis Pathology in SKG Mice. Arthritis and Rheumatology, 2014, 66, 1755-1767.	2.9	183
8	Mucin Gene Deficiency in Mice Impairs Host Resistance to an Enteric Parasitic Infection. Gastroenterology, 2010, 138, 1763-1771.e5.	0.6	162
9	Mucins in inflammatory bowel diseases and colorectal cancer. Journal of Gastroenterology and Hepatology (Australia), 2012, 27, 28-38.	1.4	159
10	ZAPâ€70 Genotype Disrupts the Relationship Between Microbiota and Host, Leading to Spondyloarthritis and Ileitis in SKG Mice. Arthritis and Rheumatology, 2014, 66, 2780-2792.	2.9	148
11	Serine Protease(s) Secreted by the Nematode Trichuris muris Degrade the Mucus Barrier. PLoS Neglected Tropical Diseases, 2012, 6, e1856.	1.3	99
12	A new role for mucins in immunity: Insights from gastrointestinal nematode infection. International Journal of Biochemistry and Cell Biology, 2013, 45, 364-374.	1.2	91
13	Glucocorticoids alleviate intestinal ER stress by enhancing protein folding and degradation of misfolded proteins. Journal of Experimental Medicine, 2013, 210, 1201-1216.	4.2	88
14	Changes in the mucosal barrier during acute and chronic Trichuris muris infection. Parasite Immunology, 2011, 33, 45-55.	0.7	74
15	Airway Mucus Hyperconcentration in Nonâ€“Cystic Fibrosis Bronchiectasis. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 661-670.	2.5	64
16	Acute graft-versus-host disease is regulated by an IL-17â€“sensitive microbiome. Blood, 2017, 129, 2172-2185.	0.6	63
17	MUC13 protects colorectal cancer cells from death by activating the NF-ÎºB pathway and is a potential therapeutic target. Oncogene, 2017, 36, 700-713.	2.6	63
18	Rationally Designed Dendritic Silica Nanoparticles for Oral Delivery of Exenatide. Pharmaceutics, 2019, 11, 418.	2.0	42

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19	Goblet cells as mucosal sentinels for immunity. Mucosal Immunology, 2017, 10, 1118-1121.	2.7	41
20	Neutralizing IL-23 Is Superior to Blocking IL-17 in Suppressing Intestinal Inflammation in a Spontaneous Murine Colitis Model. Inflammatory Bowel Diseases, 2015, 21, 973-984.	0.9	40
21	Human diseases, immunity and the oral microbiotaâ€"Insights gained from metagenomic studies. Oral Science International, 2017, 14, 27-32.	0.3	35
22	Immune-driven alterations in mucin sulphation is an important mediator of Trichuris muris helminth expulsion. PLoS Pathogens, 2017, 13, e1006218.	2.1	35
23	Nanocarriers for oral delivery of biologics: small carriers for big payloads. Trends in Pharmacological Sciences, 2021, 42, 957-972.	4.0	35
24	Targeting the P2Y₁₃ Receptor Suppresses IL-33 and HMGB1 Release and Ameliorates Experimental Asthma. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 300-312.	2.5	33
25	MUC13 promotes the development of colitis-associated colorectal tumors via Î²-catenin activity. Oncogene, 2019, 38, 7294-7310.	2.6	28
26	Interleukin (IL)-22 from IL-20 Subfamily of Cytokines Induces Colonic Epithelial Cell Proliferation Predominantly through ERK1/2 Pathway. International Journal of Molecular Sciences, 2019, 20, 3468.	1.8	27
27	Oneâ€Pot Synthesis of pHâ€Responsive Eudragitâ€Mesoporous Silica Nanocomposites Enable Colonic Delivery of Glucocorticoids for the Treatment of Inflammatory Bowel Disease. Advanced Therapeutics, 2021, 4, 2000165.	1.6	26
28	Perinatal exposure to high dietary advanced glycation end products in transgenic NOD8.3 mice leads to pancreatic beta cell dysfunction. Islets, 2018, 10, 10-24.	0.9	23
29	High glucose levels increase influenza-associated damage to the pulmonary epithelial-endothelial barrier. ELife, 2020, 9, .	2.8	20
30	Mucus and Mucins: The Underappreciated Host Defence System. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	20
31	Adult Non-Cystic Fibrosis Bronchiectasis Is Characterised by Airway Luminal Th17 Pathway Activation. PLoS ONE, 2015, 10, e0119325.	1.1	18
32	Immune regulation of the unfolded protein response at the mucosal barrier in viral infection. Clinical and Translational Immunology, 2018, 7, e1014.	1.7	14
33	A Nucleotide Analog Prevents Colitis-Associated Cancer via Beta-Catenin Independently of Inflammation and Autophagy. Cellular and Molecular Gastroenterology and Hepatology, 2021, 11, 33-53.	2.3	12
34	Gut microbiota shape the inflammatory response in mice with an epithelial defect. Gut Microbes, 2021, 13, 1-18.	4.3	11
35	There is a â€˜ucâ€™ in mucus, but is there mucus in UC?. Gut, 2014, 63, 216-217.	6.1	9
36	DP1 prostanoid receptor activation increases the severity of an acute lower respiratory viral infection in mice via TNF-Î±-induced immunopathology. Mucosal Immunology, 2021, 14, 963-972.	2.7	9

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37	The effect of interleukin-22 treatment on autoimmune diabetes in the NOD mouse. Diabetologia, 2017, 60, 2256-2261.	2.9	8
38	Pre-Diabetes Increases Tuberculosis Disease Severity, While High Body Fat Without Impaired Glucose Tolerance Is Protective. Frontiers in Cellular and Infection Microbiology, 2021, 11, 691823.	1.8	8
39	Administration Of E-Selectin Antagonist GMI-1271 Improves Survival After High-Dose Chemotherapy By Alleviating Mucositis and Accelerating Neutrophil Recovery. Blood, 2013, 122, 2266-2266.	0.6	7
40	Techniques for Assessment of Interactions of Mucins with Microbes and Parasites In Vitro and In Vivo. Methods in Molecular Biology, 2012, 842, 297-312.	0.4	6
41	Influence of the MUC1 Cell Surface Mucin on Gastric Mucosal Gene Expression Profiles in Response to Helicobacter pylori Infection in Mice. Frontiers in Cellular and Infection Microbiology, 2020, 10, 343.	1.8	6
42	Endoplasmic reticulum and oxidative stress in immunopathology: understanding the crosstalk between cellular stress and inflammation. Clinical and Translational Immunology, 2018, 7, e1035.	1.7	5
43	Fibre Intake Is Independently Associated with Increased Circulating Interleukin-22 in Individuals with Metabolic Syndrome. Nutrients, 2019, 11, 815.	1.7	5
44	Analyzing the Properties of Murine Intestinal Mucins by Electrophoresis and Histology. Bio-protocol, 2017, 7, e2394.	0.2	5
45	A cost-effective three-dimensional culture platform functionally mimics the adipose tissue microenvironment surrounding the kidney. Biochemical and Biophysical Research Communications, 2020, 522, 736-742.	1.0	4
46	Effect of Different Volumes of Interval Training and Continuous Exercise on Interleukin-22 in Adults with Metabolic Syndrome: A Randomized Trial . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 2443-2453.	1.1	3
47	Interleukinâ€22: friend or foe?. Immunology and Cell Biology, 2019, 97, 355-357.	1.0	2
48	Abstract 3564: MUC13 protects colorectal cancer cells from death by activating the NF-Îºb pathway and is a potential therapeutic target. , 2016, , .		2
49	PPARÎ³ is reduced in the airways of non-CF bronchiectasis subjects and is inversely correlated with the presence of Pseudomonas aeruginosa. PLoS ONE, 2018, 13, e0202296.	1.1	1
50	629 Intestinal Endoplasmic Reticulum Stress is Modulated by Inflammatory Cytokines. Gastroenterology, 2012, 142, S-124.	0.6	0
51	Tu1710 Direct Adverse Effects of IL-23 on Epithelial Cells Underline Greater Efficacy of Neutralizing IL-23 in Suppressing Murine Colitis. Gastroenterology, 2014, 146, S-823.	0.6	0
52	Tu1718 IL-22 May Maintain Colonic Mucosal Barrier Function by Overriding ROSInduced ER Stress and Chemokine Production in Colonic Epithelial Cells. Gastroenterology, 2014, 146, S-825.	0.6	0
53	Effect of Differential Exercise Intensities on Interleukin-22 in Metabolic Syndrome. Medicine and Science in Sports and Exercise, 2017, 49, 842.	0.2	0
54	390 THIOGUANINE INHIBITS COLORECTAL TUMORIGENESIS VIA Î²-CATENIN SIGNALLING IN INTESTINAL EPITHELIAL CELLS INDEPENDENTLY OF IMMUNOSUPPRESSION OR AUTOPHAGY. Gastroenterology, 2020, 158, S-70-S-71.	0.6	0

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55	Glucocorticoids alleviate intestinal ER stress by enhancing protein folding and degradation of misfolded proteins. Journal of Cell Biology, 2013, 201, i7-i7.	2.3	0