

# Sumaira Z Hasnain

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

3,077  
citations

236612

25  
h-index

214527

47  
g-index

59  
all docs

59  
docs citations

59  
times ranked

5286  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting the P2Y <sub>13</sub> Receptor Suppresses IL-33 and HMGB1 Release and Ameliorates Experimental Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 300-312.	2.5	33
2	A Nucleotide Analog Prevents Colitis-Associated Cancer via Beta-Catenin Independently of Inflammation and Autophagy. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 33-53.	2.3	12
3	One-pot Synthesis of pH-Responsive Eudragit-Mesoporous Silica Nanocomposites Enable Colonic Delivery of Glucocorticoids for the Treatment of Inflammatory Bowel Disease. <i>Advanced Therapeutics</i> , 2021, 4, 2000165.	1.6	26
4	Gut microbiota shape the inflammatory response in mice with an epithelial defect. <i>Gut Microbes</i> , 2021, 13, 1-18.	4.3	11
5	DP1 prostanoid receptor activation increases the severity of an acute lower respiratory viral infection in mice via TNF- $\alpha$ -induced immunopathology. <i>Mucosal Immunology</i> , 2021, 14, 963-972.	2.7	9
6	Pre-Diabetes Increases Tuberculosis Disease Severity, While High Body Fat Without Impaired Glucose Tolerance Is Protective. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 691823.	1.8	8
7	Nanocarriers for oral delivery of biologics: small carriers for big payloads. <i>Trends in Pharmacological Sciences</i> , 2021, 42, 957-972.	4.0	35
8	A cost-effective three-dimensional culture platform functionally mimics the adipose tissue microenvironment surrounding the kidney. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 736-742.	1.0	4
9	Airway Mucus Hyperconcentration in Non-Cystic Fibrosis Bronchiectasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 661-670.	2.5	64
10	Effect of Different Volumes of Interval Training and Continuous Exercise on Interleukin-22 in Adults with Metabolic Syndrome: A Randomized Trial. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 2443-2453.	1.1	3
11	Influence of the MUC1 Cell Surface Mucin on Gastric Mucosal Gene Expression Profiles in Response to <i>Helicobacter pylori</i> Infection in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 343.	1.8	6
12	390 THIOGUANINE INHIBITS COLORECTAL TUMORIGENESIS VIA $\beta$ -CATENIN SIGNALLING IN INTESTINAL EPITHELIAL CELLS INDEPENDENTLY OF IMMUNOSUPPRESSION OR AUTOPHAGY. <i>Gastroenterology</i> , 2020, 158, S-70-S-71.	0.6	0
13	High glucose levels increase influenza-associated damage to the pulmonary epithelial-endothelial barrier. <i>ELife</i> , 2020, 9, .	2.8	20
14	MUC13 promotes the development of colitis-associated colorectal tumors via $\beta$ -catenin activity. <i>Oncogene</i> , 2019, 38, 7294-7310.	2.6	28
15	Interleukin (IL)-22 from IL-20 Subfamily of Cytokines Induces Colonic Epithelial Cell Proliferation Predominantly through ERK1/2 Pathway. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3468.	1.8	27
16	Rationally Designed Dendritic Silica Nanoparticles for Oral Delivery of Exenatide. <i>Pharmaceutics</i> , 2019, 11, 418.	2.0	42
17	Fibre Intake Is Independently Associated with Increased Circulating Interleukin-22 in Individuals with Metabolic Syndrome. <i>Nutrients</i> , 2019, 11, 815.	1.7	5
18	Interleukin-22: friend or foe?. <i>Immunology and Cell Biology</i> , 2019, 97, 355-357.	1.0	2

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19	Perinatal exposure to high dietary advanced glycation end products in transgenic NOD8.3 mice leads to pancreatic beta cell dysfunction. <i>Islets</i> , 2018, 10, 10-24.	0.9	23
20	Immune regulation of the unfolded protein response at the mucosal barrier in viral infection. <i>Clinical and Translational Immunology</i> , 2018, 7, e1014.	1.7	14
21	Endoplasmic reticulum and oxidative stress in immunopathology: understanding the crosstalk between cellular stress and inflammation. <i>Clinical and Translational Immunology</i> , 2018, 7, e1035.	1.7	5
22	PPAR $\beta$ is reduced in the airways of non-CF bronchiectasis subjects and is inversely correlated with the presence of <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2018, 13, e0202296.	1.1	1
23	Goblet cells as mucosal sentinels for immunity. <i>Mucosal Immunology</i> , 2017, 10, 1118-1121.	2.7	41
24	Acute graft-versus-host disease is regulated by an IL-17 $\alpha$ -sensitive microbiome. <i>Blood</i> , 2017, 129, 2172-2185.	0.6	63
25	Human diseases, immunity and the oral microbiota—Insights gained from metagenomic studies. <i>Oral Science International</i> , 2017, 14, 27-32.	0.3	35
26	Effect of Differential Exercise Intensities on Interleukin-22 in Metabolic Syndrome. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 842.	0.2	0
27	The effect of interleukin-22 treatment on autoimmune diabetes in the NOD mouse. <i>Diabetologia</i> , 2017, 60, 2256-2261.	2.9	8
28	MUC13 protects colorectal cancer cells from death by activating the NF- $\kappa$ B pathway and is a potential therapeutic target. <i>Oncogene</i> , 2017, 36, 700-713.	2.6	63
29	Immune-driven alterations in mucin sulphation is an important mediator of <i>Trichuris muris</i> helminth expulsion. <i>PLoS Pathogens</i> , 2017, 13, e1006218.	2.1	35
30	Analyzing the Properties of Murine Intestinal Mucins by Electrophoresis and Histology. <i>Bio-protocol</i> , 2017, 7, e2394.	0.2	5
31	High Fat Diets Induce Colonic Epithelial Cell Stress and Inflammation that is Reversed by IL-22. <i>Scientific Reports</i> , 2016, 6, 28990.	1.6	243
32	Oxidative and endoplasmic reticulum stress in $\beta$ -cell dysfunction in diabetes. <i>Journal of Molecular Endocrinology</i> , 2016, 56, R33-R54.	1.1	209
33	Abstract 3564: MUC13 protects colorectal cancer cells from death by activating the NF- $\kappa$ B pathway and is a potential therapeutic target. , 2016, , .		2
34	Neutralizing IL-23 Is Superior to Blocking IL-17 in Suppressing Intestinal Inflammation in a Spontaneous Murine Colitis Model. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 973-984.	0.9	40
35	Adult Non-Cystic Fibrosis Bronchiectasis Is Characterised by Airway Luminal Th17 Pathway Activation. <i>PLoS ONE</i> , 2015, 10, e0119325.	1.1	18
36	ZAP $\alpha$ 70 Genotype Disrupts the Relationship Between Microbiota and Host, Leading to Spondyloarthritis and Ileitis in SKG Mice. <i>Arthritis and Rheumatology</i> , 2014, 66, 2780-2792.	2.9	148

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37	Interleukin-23 Mediates the Intestinal Response to Microbial Î²-1,3-Glucan and the Development of Spondyloarthritis Pathology in SKG Mice. <i>Arthritis and Rheumatology</i> , 2014, 66, 1755-1767.	2.9	183
38	There is a "ucâ€™ in mucus, but is there mucus in UC?. <i>Gut</i> , 2014, 63, 216-217.	6.1	9
39	Glycemic control in diabetes is restored by therapeutic manipulation of cytokines that regulate beta cell stress. <i>Nature Medicine</i> , 2014, 20, 1417-1426.	15.2	208
40	Tu1710 Direct Adverse Effects of IL-23 on Epithelial Cells Underline Greater Efficacy of Neutralizing IL-23 in Suppressing Murine Colitis. <i>Gastroenterology</i> , 2014, 146, S-823.	0.6	0
41	Tu1718 IL-22 May Maintain Colonic Mucosal Barrier Function by Overriding ROS-Induced ER Stress and Chemokine Production in Colonic Epithelial Cells. <i>Gastroenterology</i> , 2014, 146, S-825.	0.6	0
42	A new role for mucins in immunity: Insights from gastrointestinal nematode infection. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 364-374.	1.2	91
43	IL-10 Promotes Production of Intestinal Mucus by Suppressing Protein Misfolding and Endoplasmic Reticulum Stress in Goblet Cells. <i>Gastroenterology</i> , 2013, 144, 357-368.e9.	0.6	190
44	Glucocorticoids alleviate intestinal ER stress by enhancing protein folding and degradation of misfolded proteins. <i>Journal of Experimental Medicine</i> , 2013, 210, 1201-1216.	4.2	88
45	Administration Of E-Selectin Antagonist GMI-1271 Improves Survival After High-Dose Chemotherapy By Alleviating Mucositis and Accelerating Neutrophil Recovery. <i>Blood</i> , 2013, 122, 2266-2266.	0.6	7
46	Glucocorticoids alleviate intestinal ER stress by enhancing protein folding and degradation of misfolded proteins. <i>Journal of Cell Biology</i> , 2013, 201, i7-i7.	2.3	0
47	Serine Protease(s) Secreted by the Nematode <i>Trichuris muris</i> Degrade the Mucus Barrier. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1856.	1.3	99
48	The interplay between endoplasmic reticulum stress and inflammation. <i>Immunology and Cell Biology</i> , 2012, 90, 260-270.	1.0	226
49	Techniques for Assessment of Interactions of Mucins with Microbes and Parasites In Vitro and In Vivo. <i>Methods in Molecular Biology</i> , 2012, 842, 297-312.	0.4	6
50	629 Intestinal Endoplasmic Reticulum Stress is Modulated by Inflammatory Cytokines. <i>Gastroenterology</i> , 2012, 142, S-124.	0.6	0
51	Mucins in inflammatory bowel diseases and colorectal cancer. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2012, 27, 28-38.	1.4	159
52	Changes in the mucosal barrier during acute and chronic <i>Trichuris muris</i> infection. <i>Parasite Immunology</i> , 2011, 33, 45-55.	0.7	74
53	Muc5ac: a critical component mediating the rejection of enteric nematodes. <i>Journal of Experimental Medicine</i> , 2011, 208, 893-900.	4.2	265
54	Mucin Gene Deficiency in Mice Impairs Host Resistance to an Enteric Parasitic Infection. <i>Gastroenterology</i> , 2010, 138, 1763-1771.e5.	0.6	162

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55	Mucus and Mucins: The Underappreciated Host Defence System. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	20