

Mona Bajaj-Elliott

List of Publications by Year in descending order

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89
papers

4,079
citations

117625

34
h-index

114465

63
g-index

90
all docs

90
docs citations

90
times ranked

5559
citing authors

#	ARTICLE	IF	CITATIONS
1	Th17 plasticity in human autoimmune arthritis is driven by the inflammatory environment. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14751-14756.	7.1	380
2	Characterisation of Acute Murine Dextran Sodium Sulphate Colitis: Cytokine Profile and Dose Dependency. Digestion, 2000, 62, 240-248.	2.3	342
3	Diversity in the oesophageal phenotypic response to gastro-oesophageal reflux: immunological determinants. Gut, 2002, 50, 451-459.	12.1	229
4	Nucleotide-binding Oligomerization Domain-1 and Epidermal Growth Factor Receptor. Journal of Biological Chemistry, 2006, 281, 11637-11648.	3.4	158
5	Impaired Resistance and Enhanced Pathology During Infection with a Noninvasive, Attaching-Effacing Enteric Bacterial Pathogen, <i>Citrobacter rodentium</i> , in Mice Lacking IL-12 or IFN- γ . Journal of Immunology, 2002, 168, 1804-1812.	0.8	152
6	Campylobacter jejuni Outer Membrane Vesicles Play an Important Role in Bacterial Interactions with Human Intestinal Epithelial Cells. Infection and Immunity, 2012, 80, 4089-4098.	2.2	138
7	Imbalance of stromelysin-1 and TIMP-1 in the mucosal lesions of children with inflammatory bowel disease. Gut, 2000, 47, 57-62.	12.1	135
8	Campylobacter jejuni-mediated disease pathogenesis: an update. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2008, 102, 123-129.	1.8	121
9	Interleukin 18 and associated markers of T helper cell type 1 activity in coeliac disease. Gut, 2002, 50, 186-190.	12.1	118
10	T cells orchestrate intestinal mucosal shape and integrity. Trends in Immunology, 1999, 20, 505-510.	7.5	116
11	Interferon gamma induces enterocyte resistance against infection by the intracellular pathogen <i>Cryptosporidium parvum</i> . Gastroenterology, 2001, 120, 99-107.	1.3	114
12	<i>Campylobacter jejuni</i> outer membrane vesicle-associated proteolytic activity promotes bacterial invasion by mediating cleavage of intestinal epithelial cell E-cadherin and occludin. Cellular Microbiology, 2016, 18, 561-572.	2.1	113
13	Differential Regulation of β -Defensin Gene Expression during <i>Cryptosporidium parvum</i> Infection. Infection and Immunity, 2004, 72, 2772-2779.	2.2	96
14	A major role for intestinal epithelial nucleotide oligomerization domain 1 (NOD1) in eliciting host bactericidal immune responses to <i>Campylobacter jejuni</i> . Cellular Microbiology, 2007, 9, 2404-2416.	2.1	95
15	Modulation of host antimicrobial peptide (beta-defensins 1 and 2) expression during gastritis. Gut, 2002, 51, 356-361.	12.1	92
16	Human Peyer's Patch T Cells Are Sensitized to Dietary Antigen and Display a Th Cell Type 1 Cytokine Profile. Journal of Immunology, 2000, 165, 5315-5321.	0.8	86
17	Innate immune defence in the human gastrointestinal tract. Molecular Immunology, 2005, 42, 903-912.	2.2	84
18	Intestinal Innate Immunity to <i>Campylobacter jejuni</i> Results in Induction of Bactericidal Human Beta-Defensins 2 and 3. Infection and Immunity, 2005, 73, 7281-7289.	2.2	81

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19	The Role of Mannose-Binding Lectin in Susceptibility to Infection in Preterm Neonates. <i>Pediatric Research</i> , 2008, 63, 680-685.	2.3	78
20	Interactions between stromal cell-derived keratinocyte growth factor and epithelial transforming growth factor in immune-mediated crypt cell hyperplasia.. <i>Journal of Clinical Investigation</i> , 1998, 102, 1473-1480.	8.2	71
21	Pseudaminic Acid on <i>Campylobacter jejuni</i> Flagella Modulates Dendritic Cell IL-10 Expression via Siglec-10 Receptor: A Novel Flagellin-Host Interaction. <i>Journal of Infectious Diseases</i> , 2014, 210, 1487-1498.	4.0	70
22	Delineation of the Innate and Adaptive T-Cell Immune Outcome in the Human Host in Response to <i>Campylobacter jejuni</i> Infection. <i>PLoS ONE</i> , 2010, 5, e15398.	2.5	61
23	<i>Clostridium difficile</i> Modulates Host Innate Immunity via Toxin-Independent and Dependent Mechanism(s). <i>PLoS ONE</i> , 2013, 8, e69846.	2.5	59
24	Wiskott-Aldrich syndrome protein regulates autophagy and inflammasome activity in innate immune cells. <i>Nature Communications</i> , 2017, 8, 1576.	12.8	50
25	Role of Glycosyltransferases Modifying Type B Flagellin of Emerging Hypervirulent <i>Clostridium difficile</i> Lineages and Their Impact on Motility and Biofilm Formation. <i>Journal of Biological Chemistry</i> , 2016, 291, 25450-25461.	3.4	49
26	Susceptibility to infection in patients with neutropenia: the role of the innate immune system. <i>British Journal of Haematology</i> , 2005, 129, 713-722.	2.5	47
27	Dysregulation of interferon- γ -mediated signalling pathway in intestinal epithelial cells by <i>Cryptosporidium parvum</i> infection. <i>Cellular Microbiology</i> , 2009, 11, 1354-1364.	2.1	46
28	Host anti-microbial response to <i>Helicobacter pylori</i> infection. <i>Molecular Immunology</i> , 2003, 40, 451-456.	2.2	44
29	Protection against the Early Acute Phase of <i>Cryptosporidium parvum</i> Infection Conferred by Interleukin-4-Induced Expression of T Helper 1 Cytokines. <i>Journal of Infectious Diseases</i> , 2004, 190, 1019-1025.	4.0	40
30	A potential role for interleukin-18 in inhibition of the development of <i>Cryptosporidium parvum</i> . <i>Clinical and Experimental Immunology</i> , 2006, 145, 555-562.	2.6	40
31	<i>Campylobacter jejuni</i> Lipooligosaccharide Sialylation, Phosphorylation, and Amide/Ester Linkage Modifications Fine-tune Human Toll-like Receptor 4 Activation. <i>Journal of Biological Chemistry</i> , 2013, 288, 19661-19672.	3.4	40
32	Bacterial-Epithelial Contact Is a Key Determinant of Host Innate Immune Responses to Enteropathogenic and Enteroaggregative <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2011, 6, e27030.	2.5	40
33	Interleukin-4 and Transforming Growth Factor β Have Opposing Regulatory Effects on Gamma Interferon-Mediated Inhibition of <i>Cryptosporidium parvum</i> Reproduction. <i>Infection and Immunity</i> , 2003, 71, 4580-4585.	2.2	37
34	<i>Salmonella</i> exploits HLA-B27 and host unfolded protein responses to promote intracellular replication. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 74-82.	0.9	37
35	AN ANALYSIS OF INTERFERON γ , IL-4, IL-5 AND IL-10 PRODUCTION BY ELISPOT AND QUANTITATIVE REVERSE TRANSCRIPTASE-PCR IN HUMAN PEYER'S PATCHES. <i>Cytokine</i> , 1998, 10, 627-634.	3.2	35
36	Intestinal defensin gene expression in human populations. <i>Molecular Immunology</i> , 2003, 40, 469-475.	2.2	35

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37	Reduced Gene Expression of Intestinal Î²-Defensins Predicts Diarrhea in a Cohort of African Adults. <i>Journal of Infectious Diseases</i> , 2006, 193, 1464-1470.	4.0	35
38	Keratinocyte growth factor and coeliac disease. <i>Gut</i> , 2001, 49, 176-181.	12.1	34
39	Increase in <i>Campylobacter jejuni</i> Invasion of Intestinal Epithelial Cells under Low-Oxygen Coculture Conditions That Reflect the <i>In Vivo</i> Environment. <i>Infection and Immunity</i> , 2012, 80, 1690-1698.	2.2	34
40	Mucosal Immunization with a Urease B DNA Vaccine Induces Innate and Cellular Immune Responses Against <i>Helicobacter pylori</i> . <i>Helicobacter</i> , 2006, 11, 113-122.	3.5	29
41	The bile salt sodium taurocholate induces <i>Campylobacter jejuni</i> outer membrane vesicle production and increases OMV-associated proteolytic activity. <i>Cellular Microbiology</i> , 2018, 20, e12814.	2.1	27
42	<i>Clostridium difficile</i> -mediated effects on human intestinal epithelia: Modelling host-pathogen interactions in a vertical diffusion chamber. <i>Anaerobe</i> , 2016, 37, 96-102.	2.1	25
43	Comparative genomics of <i>Campylobacter concisus</i> : Analysis of clinical strains reveals genome diversity and pathogenic potential. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-17.	6.5	25
44	Mannose-Binding Lectin in Susceptibility and Progression of HIV-1 Infection in Children. <i>Antiviral Therapy</i> , 2006, 11, 499-505.	1.0	24
45	The Terminal Sialic Acid of Glycoconjugates on the Surface of Intestinal Epithelial Cells Activates Excystation of <i>Cryptosporidium parvum</i> . <i>Infection and Immunity</i> , 2008, 76, 3735-3741.	2.2	20
46	Aberrant response to commensal <i>Bacteroides thetaiotaomicron</i> in Crohn's disease. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 1201-1208.	1.9	20
47	Human beta defensin (HBD) gene copy number affects HBD2 protein levels: impact on cervical bactericidal immunity in pregnancy. <i>European Journal of Human Genetics</i> , 2018, 26, 434-439.	2.8	19
48	Innate Lymphoid Cells and T Cells Contribute to the Interleukin-17A Signature Detected in the Synovial Fluid of Patients With Juvenile Idiopathic Arthritis. <i>Arthritis and Rheumatology</i> , 2019, 71, 460-467.	5.6	19
49	Cervical Gene Delivery of the Antimicrobial Peptide, Human Î²-Defensin (HBD)-3, in a Mouse Model of Ascending Infection-Related Preterm Birth. <i>Frontiers in Immunology</i> , 2020, 11, 106.	4.8	19
50	Wiskott Aldrich syndrome protein regulates non-selective autophagy and mitochondrial homeostasis in human myeloid cells. <i>ELife</i> , 2020, 9, .	6.0	18
51	Mannose-binding Lectin Genotype Influences Frequency and Duration of Infectious Complications in Children With Malignancy. <i>Journal of Pediatric Hematology/Oncology</i> , 2013, 35, 69-75.	0.6	17
52	Gut microbiota from infant with cow's milk allergy promotes clinical and immune features of atopy in a murine model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1790-1793.	5.7	17
53	<i>Helicobacter pylori</i> regulates the expression of inhibitors of DNA binding (Id) proteins by gastric epithelial cells. <i>Microbes and Infection</i> , 2006, 8, 1064-1074.	1.9	16
54	A plasmid immunization construct encoding urease B of <i>Helicobacter pylori</i> induces an antigen-specific antibody response and upregulates the expression of Î²-defensins and IL-10 in the stomachs of immunized mice. <i>Vaccine</i> , 2004, 22, 2651-2659.	3.8	15

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55	Predictive value of cervical cytokine, antimicrobial and microflora levels for pre-term birth in high-risk women. <i>Scientific Reports</i> , 2019, 9, 11246.	3.3	14
56	Interferon- γ -mediated activation of enterocytes in immunological control of <i>Encephalitozoon intestinalis</i> infection. <i>Parasite Immunology</i> , 2009, 31, 2-9.	1.5	12
57	A major role for intestinal epithelial nucleotide oligomerization domain 1 (NOD1) in eliciting host bactericidal immune responses to <i>Campylobacter jejuni</i> . <i>Cellular Microbiology</i> , 2007, 9, 2541-2541.	2.1	11
58	Differential effects of <i>Staphylococcal</i> enterotoxin B-mediated immune activation on intestinal defensins. <i>Clinical and Experimental Immunology</i> , 2009, 156, 263-270.	2.6	11
59	Induction of Cyclooxygenase 2 by <i>Escherichia coli</i> but not <i>Helicobacter pylori</i> lipopolysaccharide in gastric epithelial cells in vitro. <i>Helicobacter</i> , 2003, 8, 513-520.	3.5	9
60	Trypsin and host defence: a new role for an old enzyme. <i>Gut</i> , 2003, 52, 166-167.	12.1	9
61	Host Immunity to <i>Clostridium difficile</i> PCR Ribotype 017 Strains. <i>Infection and Immunity</i> , 2014, 82, 4989-4996.	2.2	9
62	Pancreatic Amylase Is an Environmental Signal for Regulation of Biofilm Formation and Host Interaction in <i>Campylobacter jejuni</i> . <i>Infection and Immunity</i> , 2015, 83, 4884-4895.	2.2	8
63	Comparative genomics and genome biology of <i>Campylobacter showae</i> . <i>Emerging Microbes and Infections</i> , 2019, 8, 827-840.	6.5	8
64	Is the skin microbiota a modifiable risk factor for breast disease?: A systematic review. <i>Breast</i> , 2021, 59, 279-285.	2.2	7
65	A critical role for ATF2 transcription factor in the regulation of E-selectin expression in response to non-endotoxin components of <i>Neisseria meningitidis</i> . <i>Cellular Microbiology</i> , 2016, 18, 66-79.	2.1	5
66	Human Intestinal Epithelial Response(s) to <i>Clostridium difficile</i> . <i>Methods in Molecular Biology</i> , 2010, 646, 135-146.	0.9	5
67	Upregulation of Keratinocyte Growth Factor during T-Cell Immunity in the Gut Mucosa. <i>Annals of the New York Academy of Sciences</i> , 1998, 859, 184-187.	3.8	4
68	Amino acid-based formula affects the gastrointestinal cytokine milieu of children with non-IgE mediated cow's milk allergy. <i>Clinical and Translational Allergy</i> , 2015, 5, P41.	3.2	4
69	Novel <i>Campylobacter concisus</i> lipooligosaccharide is a determinant of inflammatory potential and virulence. <i>Journal of Lipid Research</i> , 2018, 59, 1893-1905.	4.2	4
70	Influence of Mannose Binding Lectin (MBL) Gene Polymorphisms on Infectious Complications during Treatment for Childhood Malignancy.. <i>Blood</i> , 2006, 108, 1260-1260.	1.4	4
71	Distinct cytokine patterns in Barrett's oesophagus and associated adenocarcinoma: Evidence for a shift towards a Th2 response. <i>Gastroenterology</i> , 2000, 118, A37.	1.3	3
72	Anti-inflammatory features of the amino acid-based formula Neocate. <i>Clinical and Translational Allergy</i> , 2015, 5, P151.	3.2	3

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73	Cellular mechanisms of interferon- γ mediated inhibition of cryptosporidium parvum infection. Gastroenterology, 2000, 118, A817.	1.3	2
74	The reduction in insulin-like growth factor-1 and linear growth in a rat model of colitis is mediated by the combined inhibitory effects of interleukin-6 and undernutrition. Gastroenterology, 2001, 120, A210.	1.3	1
75	Basic RT-PCR for Measurement of Cytokine Expression. , 2001, , 049-058.		1
76	Innate immunity in health and disease. Molecular Immunology, 2005, 42, 857-858.	2.2	1
77	Association of DEFB1 polymorphisms and in-vivo protein expression: a population-based, case-control study. Lancet, The, 2014, 383, S59.	13.7	1
78	IL-18: A potential inflammation biomarker in Wiskott-Aldrich syndrome. European Journal of Immunology, 2021, 51, 1285-1288.	2.9	1
79	Effect of helicobacter pylori on the expression of the E-cadherin-catenin complex in gastric epithelial cells. Gastroenterology, 2000, 118, A760-A761.	1.3	0
80	Induction of human B2 defensin (hBD2) mRNA expression by H.pylori in human gastric epithelial cell lines. Gastroenterology, 2000, 118, A1213.	1.3	0
81	Alpha-defensin expression in human jejunum varies in HIV infection and tropical enteropathy. Gastroenterology, 2001, 120, A152.	1.3	0
82	Epithelial growth factors in Coeliac Disease. Gastroenterology, 2001, 120, A395.	1.3	0
83	Helicobacter pylori regulates expression of ID-1 and ID-3 but not ID-2. Gastroenterology, 2003, 124, A590-A591.	1.3	0
84	W1637 Campylobacter Jejuni-Mediated Effects On Dendritic Cell IL-12/IL-23 Axis: Impact On T Cell Mediated Immunity. Gastroenterology, 2009, 136, A-707.	1.3	0
85	YIM-P59. Relationships between the Th17 and innate lymphoid cell signature in enthesitis related arthritis. Pediatric Rheumatology, 2014, 12, .	2.1	0
86	Is variation in copy number of the human beta defensin gene cluster associated with preterm birth?. Lancet, The, 2015, 385, S47.	13.7	0
87	Antimicrobial Peptides and Preterm Birth. , 2016, , 293-299.		0
88	Next-generation sequencing as a clinical laboratory tool for describing different microbiotas: an urgent need for future paediatric practice. Archives of Disease in Childhood, 2021, 106, 1035-1035.	1.9	0
89	ELISPOT Technique for Assaying Interleukins. , 2001, , 017-028.		0