Aleixo M Muise

List of Publications by Year
in descending order

117 papers	7,643 citations	47006 47 h-index	54911 84 g-index
120 all docs	120 docs citations	120 times ranked	10468 citing authors

#	Article	IF	Citations
1	A Systematic Review of Monogenic Inflammatory Bowel Disease. Clinical Gastroenterology and Hepatology, 2022, 20, e653-e663.	4.4	57
2	An Integrated Taxonomy for Monogenic Inflammatory Bowel Disease. Gastroenterology, 2022, 162, 859-876.	1.3	37
3	A Machine Learning Approach to Identifying Causal Monogenic Variants in Inflammatory Bowel Disease. , 2022, 1, 171-179.		0
4	Mucus sialylation determines intestinal host-commensal homeostasis. Cell, 2022, 185, 1172-1188.e28.	28.9	66
5	Valosin-containing protein-regulated endoplasmic reticulum stress causes NOD2-dependent inflammatory responses. Scientific Reports, 2022, 12, 3906.	3.3	0
6	Platelet VPS16B is dependent on VPS33B expression, as determined in two siblings with arthrogryposis, renal dysfunction and cholestasis (ARC) syndrome. Journal of Thrombosis and Haemostasis, 2022, , .	3.8	1
7	Clinical Phenotypes and Outcomes in Monogenic Versus Non-monogenic Very Early Onset Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2022, 16, 1380-1396.	1.3	19
8	A Chromosomal Duplication Encompassing Interleukin-33 Causes a Novel Hyper IgE Phenotype Characterized by Eosinophilic Esophagitis and Generalized Autoimmunity. Gastroenterology, 2022, 163, 510-513.e3.	1.3	8
9	Histopathological Features of Monogenic Inflammatory Bowel Disease: Sub-Analysis of Systematic Review. , 2022, , .		0
10	Natural History ofâ€‰ Very Early Onset Inflammatory Bowel Disease in North America: A Retrospective Cohort Study. Inflammatory Bowel Diseases, 2021, 27, 295-302.	1.9	25
11	Diagnostic Delay Is Associated With Complicated Disease and Growth Impairment in Paediatric Crohnâ€™s Disease. Journal of Crohn's and Colitis, 2021, 15, 419-431.	1.3	30
12	Cutting Edge: NOX2 NADPH Oxidase Controls Infection by an Intracellular Bacterial Pathogen through Limiting the Type 1 IFN Response. Journal of Immunology, 2021, 206, 323-328.	0.8	5
13	Whipple disease mimicking inflammatory bowel disease. Intestinal Research, 2021, 19, 119-125.	2.6	5
14	Predictive Prenatal Diagnosis for Infantileâ€onset Inflammatory Bowel Disease Because of Interleukinâ€10 Signalling Defects. Journal of Pediatric Gastroenterology and Nutrition, 2021, 72, 276-281.	1.8	7
15	Mutation spectrum of NOD2 reveals recessive inheritance as a main driver of Early Onset Crohnâ€™s Disease. Scientific Reports, 2021, 11, 5595.	3.3	29
16	Gain-of-function variants in SYK cause immune dysregulation and systemic inflammation in humans and mice. Nature Genetics, 2021, 53, 500-510.	21.4	56
17	Novel CARMIL2 loss-of-function variants are associated with pediatric inflammatory bowel disease. Scientific Reports, 2021, 11, 5945.	3.3	11
18	Variants in STXBP3 are Associated with Very Early Onset Inflammatory Bowel Disease, Bilateral Sensorineural Hearing Loss and Immune Dysregulation. Journal of Crohn's and Colitis, 2021, 15, 1908-1919.	1.3	7

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19	Human autoinflammatory disease reveals ELF4 as a transcriptional regulator of inflammation. Nature Immunology, 2021, 22, 1118-1126.	14.5	30
20	Clinical Genomics for the Diagnosis of Monogenic Forms of Inflammatory Bowel Disease. Journal of Pediatric Gastroenterology and Nutrition, 2021, 72, 456-473.	1.8	79
21	ARPC1B binds WASP to control actin polymerization and curtail tonic signaling in B cells. JCI Insight, 2021, 6, .	5.0	13
22	Multisystem Autoimmune Inflammatory Disease, Including Colitis, Due to Inborn Error of Immunity. Pediatrics, 2021, 148, e2021050614.	2.1	1
23	Deficiency in X-linked inhibitor of apoptosis protein promotes susceptibility to microbial triggers of intestinal inflammation. Science Immunology, 2021, 6, eabf7473.	11.9	15
24	Pediatric Diarrheal Disorders. , 2020, , 143-157.		0
25	Drug Screen Identifies Leflunomide for Treatment of Inflammatory Bowel Disease Caused by TTC7A Deficiency. Gastroenterology, 2020, 158, 1000-1015.	1.3	36
26	Very Early Onset Inflammatory Bowel Disease: A Clinical Approach With a Focus on the Role of Genetics and Underlying Immune Deficiencies. Inflammatory Bowel Diseases, 2020, 26, 820-842.	1.9	100
27	Utilization of Whole Exome Sequencing Data to Identify Clinically Relevant Pharmacogenomic Variants in Pediatric Inflammatory Bowel Disease. Clinical and Translational Gastroenterology, 2020, 11, e00263.	2.5	1
28	The E3 ubiquitin ligase UBR5 interacts with TTC7A and may be associated with very early onset inflammatory bowel disease. Scientific Reports, 2020, 10, 18648.	3.3	4
29	2019 Harry Shwachman Award. Journal of Pediatric Gastroenterology and Nutrition, 2020, 70, 405-405.	1.8	0
30	NOX1 Regulates Collective and Planktonic Cell Migration: Insights From Patients With Pediatric-Onset IBD and NOX1 Deficiency. Inflammatory Bowel Diseases, 2020, 26, 1166-1176.	1.9	9
31	Somatic mosaicism and common genetic variation contribute to the risk of very-early-onset inflammatory bowel disease. Nature Communications, 2020, 11, 995.	12.8	37
32	Prevalence and Clinical Features of Inflammatory Bowel Diseases Associated With Monogenic Variants, Identified by Whole-Exome Sequencing in 1000 Children at a Single Center. Gastroenterology, 2020, 158, 2208-2220.	1.3	81
33	Advanced Understanding of Monogenic Inflammatory Bowel Disease. Frontiers in Pediatrics, 2020, 8, 618918.	1.9	16
34	Novel Exonic Deletions in TTC7A in a Newborn with Multiple Intestinal Atresia and Combined Immunodeficiency. Journal of Clinical Immunology, 2019, 39, 616-619.	3.8	3
35	Palmitoylation of NOD1 and NOD2 is required for bacterial sensing. Science, 2019, 366, 460-467.	12.6	109
36	CARMIL2 Deficiency Presenting as Very Early Onset Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2019, 25, 1788-1795.	1.9	26

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37	Very Early Onset Inflammatory Bowel Disease (VEOIBD). , 2019, , 383-404.		0
38	Intensified Infliximab Induction is Associated with Improved Response and Decreased Colectomy in Steroid-Refractory Paediatric Ulcerative Colitis. Journal of Crohn's and Colitis, 2019, 13, 982-989.	1.3	26
39	Application of Whole Exome Sequencing in Congenital Secretory Diarrhea Diagnosis. Journal of Pediatric Gastroenterology and Nutrition, 2019, 68, e106-e108.	1.8	2
40	Human RIPK1 deficiency causes combined immunodeficiency and inflammatory bowel diseases. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 970-975.	7.1	130
41	TTC7A: Steward of Intestinal Health. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 555-570.	4.5	48
42	Intestinal Inflammation and Dysregulated Immunity in Patients With Inherited Caspase-8 Deficiency. Gastroenterology, 2019, 156, 275-278.	1.3	92
43	Sequencing and Mapping IBD Genes to Individual Causative Variants and Their Clinical Relevance. , 2019, , 117-139.		0
44	Human TGF-Î²1 deficiency causes severe inflammatory bowel disease and encephalopathy. Nature Genetics, 2018, 50, 344-348.	21.4	95
45	Advances in Evaluation of Chronic Diarrhea in Infants. Gastroenterology, 2018, 154, 2045-2059.e6.	1.3	129
46	Human <scp>ALPI</scp> deficiency causes inflammatory bowel disease and highlights a key mechanism of gut homeostasis. EMBO Molecular Medicine, 2018, 10, .	6.9	47
47	Long-term outcomes for children with very early-onset colitis: Implications for surgical management. Journal of Pediatric Surgery, 2018, 53, 964-967.	1.6	22
48	Diagnostic delay in Canadian children with inflammatory bowel disease is more common in Crohnâ€™s disease and associated with decreased height. Archives of Disease in Childhood, 2018, 103, 319-326.	1.9	45
49	An ATG16L1-dependent pathway promotes plasma membrane repair and limits Listeria monocytogenes cell-to-cell spread. Nature Microbiology, 2018, 3, 1472-1485.	13.3	57
50	Inflammatory Bowel Disease. Gastroenterology Clinics of North America, 2018, 47, 755-772.	2.2	34
51	Very early onset IBD: novel genetic aetiologies. Current Opinion in Allergy and Clinical Immunology, 2018, 18, 470-480.	2.3	19
52	Inflammatory Bowel Disease in Primary Immunodeficiencies. , 2018, , 167-181.		0
53	Monogenic Intestinal Epithelium Defects and the Development of Inflammatory Bowel Disease. Physiology, 2018, 33, 360-369.	3.1	15
54	Inherited p40phox deficiency differs from classic chronic granulomatous disease. Journal of Clinical Investigation, 2018, 128, 3957-3975.	8.2	99

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55	Very Early Onset IBD: How Very Different â€˜on Averageâ€™?. Journal of Crohn's and Colitis, 2017, 11, jjw217.	1.3	6
56	Loss of the Arp2/3 complex component ARPC1B causes platelet abnormalities and predisposes to inflammatory disease. Nature Communications, 2017, 8, 14816.	12.8	176
57	Ankyrin repeat and zinc-finger domain-containing 1 mutations are associated with infantile-onset inflammatory bowel disease. Journal of Biological Chemistry, 2017, 292, 7904-7920.	3.4	29
58	Enhanced TH17 Responses in Patients with IL10 Receptor Deficiency and Infantile-onset IBD. Inflammatory Bowel Diseases, 2017, 23, 1950-1961.	1.9	28
59	Clinical Genomics in Inflammatory Bowel Disease. Trends in Genetics, 2017, 33, 629-641.	6.7	123
60	Large Bâ€Cell Lymphoma in an Adolescent Patient With Interleukinâ€10 Receptor Deficiency and History of Infantile Inflammatory Bowel Disease. Journal of Pediatric Gastroenterology and Nutrition, 2016, 63, e15-7.	1.8	31
61	A Frameshift in CSF2RB Predominant Among Ashkenazi Jews Increases Risk for Crohn's Disease and Reduces Monocyte Signaling via GM-CSF. Gastroenterology, 2016, 151, 710-723.e2.	1.3	51
62	Mucosa-Associated Ileal Microbiota in New-Onset Pediatric CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2016, 22, 1533-1539.	1.9	43
63	Interleukin 1Î² Mediates Intestinal Inflammation in Mice and Patients With Interleukin 10 Receptor Deficiency. Gastroenterology, 2016, 151, 1100-1104.	1.3	156
64	Variants in TRIM22 That Affect NOD2 Signaling Are Associated With Very-Early-Onset Inflammatory Bowel Disease. Gastroenterology, 2016, 150, 1196-1207.	1.3	88
65	Multilabel immunofluorescence and antigen reprobing on formalin-fixed paraffin-embedded sections: novel applications for precision pathology diagnosis. Modern Pathology, 2016, 29, 557-569.	5.5	17
66	Fatal autoimmunity in mice reconstituted with human hematopoietic stem cells encoding defective FOXP3. Blood, 2015, 125, 3886-3895.	1.4	33
67	Rac1 Polymorphisms and Thiopurine Efficacy in Children With Inflammatory Bowel Disease. Journal of Pediatric Gastroenterology and Nutrition, 2015, 61, 404-407.	1.8	9
68	Very Early-onset Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2015, 21, 1166-1175.	1.9	82
69	The Diaphanous-Related Formins Promote Protrusion Formation and Cell-to-Cell Spread ofListeria monocytogenes. Journal of Infectious Diseases, 2015, 211, 1185-1195.	4.0	49
70	Unrelated donor hematopoietic stem cell transplantation for infantile enteropathy due to <scp>IL</scp>â€10/<scp>IL</scp>â€10 receptor defect. Pediatric Transplantation, 2015, 19, E101-3.	1.0	8
71	Defects in Nicotinamide-adenine Dinucleotide Phosphate Oxidase Genes NOX1 and DUOX2 in Very Early Onset Inflammatory Bowel Disease. Cellular and Molecular Gastroenterology and Hepatology, 2015, 1, 489-502.	4.5	127
72	Reduced sodium/proton exchanger NHE3 activity causes congenital sodium diarrhea. Human Molecular Genetics, 2015, 24, 6614-6623.	2.9	111

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73	Mutations in Plasmalemma Vesicle Associated Protein Result in Sieving Protein-Losing Enteropathy Characterized by Hypoproteinemia, Hypoalbuminemia, and Hypertriglyceridemia. Cellular and Molecular Gastroenterology and Hepatology, 2015, 1, 381-394.e7.	4.5	43
74	A CARD9 Polymorphism Is Associated with Decreased Likelihood of Persistent Conjugated Hyperbilirubinemia in Intestinal Failure. PLoS ONE, 2014, 9, e85915.	2.5	11
75	Higher Activity of the Inducible Nitric Oxide Synthase Contributes to Very Early Onset Inflammatory Bowel Disease. Clinical and Translational Gastroenterology, 2014, 5, e46.	2.5	71
76	Protein tyrosine phosphatase Ïƒ targets apical junction complex proteins in the intestine and regulates epithelial permeability. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 693-698.	7.1	53
77	Microvillus Inclusion Disease: Loss of Myosin Vb Disrupts Intracellular Traffic and Cell Polarity. Traffic, 2014, 15, 22-42.	2.7	56
78	A Novel Nonsense Mutation in the EpCAM Gene in a Patient With Congenital Tufting Enteropathy. Journal of Pediatric Gastroenterology and Nutrition, 2014, 58, 18-21.	1.8	17
79	The Diagnostic Approach to Monogenic Very Early Onset Inflammatory Bowel Disease. Gastroenterology, 2014, 147, 990-1007.e3.	1.3	559
80	Infliximab Maintains Durable Response and Facilitates Catch-up Growth in Luminal Pediatric CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2014, 20, 1177-1186.	1.9	78
81	Mutations in Tetratricopeptide Repeat Domain 7A Result in a Severe Form of Very Early Onset Inflammatory Bowel Disease. Gastroenterology, 2014, 146, 1028-1039.	1.3	175
82	Very Early Onset Inflammatory Bowel Disease Associated with Aberrant Trafficking of IL-10R1 and Cure by T Cell Replete Haploidentical Bone Marrow Transplantation. Journal of Clinical Immunology, 2014, 34, 331-339.	3.8	62
83	Interleukin-10 Receptor Signaling in Innate Immune Cells Regulates Mucosal Immune Tolerance and Anti-Inflammatory Macrophage Function. Immunity, 2014, 40, 706-719.	14.3	455
84	Listeria monocytogenes exploits efferocytosis to promote cell-to-cell spread. Nature, 2014, 509, 230-234.	27.8	118
85	Incidence, Outcomes, and Health Services Burden of Very Early Onset Inflammatory Bowel Disease. Gastroenterology, 2014, 147, 803-813.e7.	1.3	222
86	Variants in Nicotinamide Adenine Dinucleotide Phosphate Oxidase Complex Components Determine Susceptibility to Very Early Onset Inflammatory Bowel Disease. Gastroenterology, 2014, 147, 680-689.e2.	1.3	106
87	Interleukin 10 Receptor Signaling. Advances in Immunology, 2014, 122, 177-210.	2.2	239
88	Novel de novo mutations of the interleukin-10 receptor gene lead to infantile onset inflammatory bowel disease. Journal of Crohn's and Colitis, 2014, 8, 1551-1556.	1.3	28
89	IL-10R Polymorphisms Are Associated with Very-early-onset Ulcerative Colitis. Inflammatory Bowel Diseases, 2013, 19, 115-123.	1.9	212
90	Clinical outcome in IL-10â€“ and IL-10 receptorâ€“deficient patients with or without hematopoietic stem cell transplantation. Journal of Allergy and Clinical Immunology, 2013, 131, 825-830.e9.	2.9	236

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91	Interleukin-6 is associated with steroid resistance and reflects disease activity in severe pediatric ulcerative colitis. Journal of Crohn's and Colitis, 2013, 7, 916-922.	1.3	43
92	TheNOD2insC polymorphism is associated with worse outcome following ileal pouch-anal anastomosis for ulcerative colitis. Gut, 2013, 62, 1433-1439.	12.1	85
93	Association between a Multi-Locus Genetic Risk Score and Inflammatory Bowel Disease. Bioinformatics and Biology Insights, 2013, 7, BBI.S11601.	2.0	9
94	Host and bacterial factors that regulate LC3 recruitment toListeria monocytogenesduring the early stages of macrophage infection. Autophagy, 2013, 9, 985-995.	9.1	108
95	Antiâ€TNF, Infliximab, and Adalimumab Can Be Effective in Eosinophilic Bowel Disease. Journal of Pediatric Gastroenterology and Nutrition, 2013, 56, 492-497.	1.8	27
96	Infliximabâ€Induced Psoriasis and Psoriasiform Skin Lesions in Pediatric Crohn Disease and a Potential Association With ILâ€23 Receptor Polymorphisms. Journal of Pediatric Gastroenterology and Nutrition, 2013, 56, 512-518.	1.8	61
97	Rac2-Deficiency Leads to Exacerbated and Protracted Colitis in Response to Citrobacter rodentium Infection. PLoS ONE, 2013, 8, e61629.	2.5	22
98	The Authors' reply: Figure 1. Gut, 2012, 61, 1097.2-1098.	12.1	0
99	NADPH oxidase complex and IBD candidate gene studies: identification of a rare variant inNCF2that results in reduced binding to RAC2. Gut, 2012, 61, 1028-1035.	12.1	158
100	The Age of Gene Discovery in Very Early Onset Inflammatory Bowel Disease. Gastroenterology, 2012, 143, 285-288.	1.3	85
101	Single Nucleotide Polymorphisms That Increase Expression of the Guanosine Triphosphatase RAC1 Are Associated With Ulcerative Colitis. Gastroenterology, 2011, 141, 633-641.	1.3	67
102	C-reactive protein (CRP), erythrocyte sedimentation rate (ESR) or both? A systematic evaluation in pediatric ulcerative colitis. Journal of Crohn's and Colitis, 2011, 5, 423-429.	1.3	63
103	Listeriolysin O Suppresses Phospholipase C-Mediated Activation of the Microbicidal NADPH Oxidase to Promote Listeria monocytogenes Infection. Cell Host and Microbe, 2011, 10, 627-634.	11.0	72
104	Replication of genetic variation in the MYO9B gene in Crohn's disease. Human Immunology, 2011, 72, 592-597.	2.4	17
105	NADPH oxidase complex and IBD Candidate Gene studies. Inflammatory Bowel Diseases, 2011, 17, S8.	1.9	0
106	Common variants at five new loci associated with early-onset inflammatory bowel disease. Nature Genetics, 2009, 41, 1335-1340.	21.4	459
107	Apical junction complex proteins and ulcerative colitis: a focus on thePTPRSgene. Expert Review of Molecular Diagnostics, 2008, 8, 465-477.	3.1	7
108	Protein-Tyrosine Phosphatase Sigma Is Associated with Ulcerative Colitis. Current Biology, 2007, 17, 1212-1218.	3.9	53

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109	Low Levels of Procalcitonin During Episodes of Necrotizing Enterocolitis. Digestive Diseases and Sciences, 2007, 52, 2972-2976.	2.3	22
110	Biliary Atresia With Choledochal Cyst: Implications for Classification. Clinical Gastroenterology and Hepatology, 2006, 4, 1411-1414.	4.4	39
111	Eating disorders in adolescent boys: a review of the adolescent and young adult literature. Journal of Adolescent Health, 2003, 33, 427-435.	2.5	148
112	Are Children With Kawasaki Disease and Prolonged Fever at Risk for Macrophage Activation Syndrome?. Pediatrics, 2003, 112, e495-e497.	2.1	52
113	Regulation of Adipogenesis by a Transcriptional Repressor That Modulates MAPK Activation. Journal of Biological Chemistry, 2001, 276, 10199-10206.	3.4	105
114	The risk of myocardial infarction in HIV-infected patients receiving HAART: a case report. International Journal of STD and AIDS, 2001, 12, 612-613.	1.1	5
115	Transcriptional regulation by the Î³5 subunit of a heterotrimeric G protein during adipogenesis. EMBO Journal, 1999, 18, 4004-4012.	7.8	57
116	Enzymic characterization of a novel member of the regulatory B-like carboxypeptidase with transcriptional repression function: stimulation of enzymic activity by its target DNA. Biochemical Journal, 1999, 343, 341-345.	3.7	23
117	A eukaryotic transcriptional represser with carboxypeptidase activity. Nature, 1995, 378, 92-96.	27.8	161