

Anil Mishra

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

6,149
citations

39
h-index

78
g-index

92
ext. papers

6,834
ext. citations

6.4
avg, IF

5.49
L-index

#	Paper	IF	Citations
83	Eotaxin-3 and a uniquely conserved gene-expression profile in eosinophilic esophagitis. <i>Journal of Clinical Investigation</i> , 2006 , 116, 536-47	15.9	619
82	An etiological role for aeroallergens and eosinophils in experimental esophagitis. <i>Journal of Clinical Investigation</i> , 2001 , 107, 83-90	15.9	476
81	Intratracheal IL-13 induces eosinophilic esophagitis by an IL-5, eotaxin-1, and STAT6-dependent mechanism. <i>Gastroenterology</i> , 2003 , 125, 1419-27	13.3	307
80	Fundamental signals that regulate eosinophil homing to the gastrointestinal tract. <i>Journal of Clinical Investigation</i> , 1999 , 103, 1719-27	15.9	291
79	Dissection of experimental asthma with DNA microarray analysis identifies arginase in asthma pathogenesis. <i>Journal of Clinical Investigation</i> , 2003 , 111, 1863-74	15.9	288
78	IL-5 promotes eosinophil trafficking to the esophagus. <i>Journal of Immunology</i> , 2002 , 168, 2464-9	5.3	278
77	A pathological function for eotaxin and eosinophils in eosinophilic gastrointestinal inflammation. <i>Nature Immunology</i> , 2001 , 2, 353-60	19.1	249
76	IL-13 induces eosinophil recruitment into the lung by an IL-5- and eotaxin-dependent mechanism. <i>Journal of Allergy and Clinical Immunology</i> , 2001 , 108, 594-601	11.5	230
75	Gastrointestinal eosinophils. <i>Immunological Reviews</i> , 2001 , 179, 139-55	11.3	214
74	Esophageal remodeling develops as a consequence of tissue specific IL-5-induced eosinophilia. <i>Gastroenterology</i> , 2008 , 134, 204-14	13.3	205
73	Epicutaneous antigen exposure primes for experimental eosinophilic esophagitis in mice. <i>Gastroenterology</i> , 2005 , 129, 985-94	13.3	156
72	A critical role for eotaxin in experimental oral antigen-induced eosinophilic gastrointestinal allergy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 6681-6	11.5	147
71	Murine eotaxin-2: a constitutive eosinophil chemokine induced by allergen challenge and IL-4 overexpression. <i>Journal of Immunology</i> , 2000 , 165, 5839-46	5.3	143
70	Critical role for adaptive T cell immunity in experimental eosinophilic esophagitis in mice. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 916-24	6.5	123
69	Resistin-like molecule beta regulates innate colonic function: barrier integrity and inflammation susceptibility. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 118, 257-68	11.5	120
68	Pathogenic mechanisms of pancreatitis. <i>World Journal of Gastrointestinal Pharmacology and Therapeutics</i> , 2017 , 8, 10-25	3	118
67	Blockade of beta-catenin signaling by plant flavonoid apigenin suppresses prostate carcinogenesis in TRAMP mice. <i>Cancer Research</i> , 2007 , 67, 6925-35	10.1	104

66	Transcript signatures in experimental asthma: identification of STAT6-dependent and -independent pathways. <i>Journal of Immunology</i> , 2004 , 172, 1815-24	5.3	103
65	Expression and regulation of a disintegrin and metalloproteinase (ADAM) 8 in experimental asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004 , 31, 257-65	5.7	96
64	Gastrointestinal eosinophils in health and disease. <i>Advances in Immunology</i> , 2001 , 78, 291-328	5.6	87
63	Negative regulation of eosinophil recruitment to the lung by the chemokine monokine induced by IFN-gamma (Mig, CXCL9). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 1987-92	11.5	81
62	Up-regulation of insulin-like growth factor binding protein-3 by apigenin leads to growth inhibition and apoptosis of 22Rv1 xenograft in athymic nude mice. <i>FASEB Journal</i> , 2005 , 19, 2042-4	0.9	78
61	Interleukin-15 expression is increased in human eosinophilic esophagitis and mediates pathogenesis in mice. <i>Gastroenterology</i> , 2010 , 139, 182-93.e7	13.3	77
60	Enterocyte expression of the eotaxin and interleukin-5 transgenes induces compartmentalized dysregulation of eosinophil trafficking. <i>Journal of Biological Chemistry</i> , 2002 , 277, 4406-12	5.4	77
59	Epicutaneous aeroallergen exposure induces systemic TH2 immunity that predisposes to allergic nasal responses. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 118, 62-9	11.5	69
58	Pathogenic role of mast cells in experimental eosinophilic esophagitis. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 304, G1087-94	5.1	65
57	Chemokines and chemokine receptors: their role in allergic airway disease. <i>Journal of Clinical Immunology</i> , 1999 , 19, 250-65	5.7	65
56	Indoor insect allergens are potent inducers of experimental eosinophilic esophagitis in mice. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 337-46	6.5	64
55	Significance of para-esophageal lymph nodes in food or aeroallergen-induced iNKT cell-mediated experimental eosinophilic esophagitis. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, G645-54	5.1	64
54	Esophageal functional impairments in experimental eosinophilic esophagitis. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, G1347-55	5.1	56
53	Resistin-like molecule-beta is an allergen-induced cytokine with inflammatory and remodeling activity in the murine lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 293, L305-13	5.8	51
52	Expression and regulation of small proline-rich protein 2 in allergic inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005 , 32, 428-35	5.7	50
51	Bleomycin-mediated pulmonary toxicity: evidence for a p53-mediated response. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000 , 22, 543-9	5.7	49
50	The alpha4bbeta7-integrin is dynamically expressed on murine eosinophils and involved in eosinophil trafficking to the intestine. <i>Clinical and Experimental Allergy</i> , 2006 , 36, 543-53	4.1	47
49	Trefoil factor-2 is an allergen-induced gene regulated by Th2 cytokines and STAT6 in the lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003 , 29, 458-64	5.7	45

48	Peyer's patch eosinophils: identification, characterization, and regulation by mucosal allergen exposure, interleukin-5, and eotaxin. <i>Blood</i> , 2000 , 96, 1538-1544	2.2	44
47	Interleukin-5-mediated allergic airway inflammation inhibits the human surfactant protein C promoter in transgenic mice. <i>Journal of Biological Chemistry</i> , 2001 , 276, 8453-9	5.4	42
46	Invariant natural killer T-cell neutralization is a possible novel therapy for human eosinophilic esophagitis. <i>Clinical and Translational Immunology</i> , 2014 , 3, e9	6.8	39
45	Mechanism of eosinophilic esophagitis. <i>Immunology and Allergy Clinics of North America</i> , 2009 , 29, 29-40, viii	3.3	39
44	Pathogenesis of allergen-induced eosinophilic esophagitis is independent of interleukin (IL)-13. <i>Immunology and Cell Biology</i> , 2013 , 91, 408-15	5	36
43	Synergy of Interleukin (IL)-5 and IL-18 in eosinophil mediated pathogenesis of allergic diseases. <i>Cytokine and Growth Factor Reviews</i> , 2019 , 47, 83-98	17.9	33
42	Involvement of interleukin-18 in the pathogenesis of human eosinophilic esophagitis. <i>Clinical Immunology</i> , 2015 , 157, 103-13	9	27
41	IL-15 regulates fibrosis and inflammation in a mouse model of chronic pancreatitis. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, G954-G965	5.1	25
40	Regulatory effects of IL-15 on allergen-induced airway obstruction. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 906-917.e6	11.5	24
39	An imbalance of esophageal effector and regulatory T cell subsets in experimental eosinophilic esophagitis in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 297, G550-8	5.1	24
38	Neuroendocrine cells derived chemokine vasoactive intestinal polypeptide (VIP) in allergic diseases. <i>Cytokine and Growth Factor Reviews</i> , 2017 , 38, 37-48	17.9	23
37	Role of interleukin-18 in the pathophysiology of allergic diseases. <i>Cytokine and Growth Factor Reviews</i> , 2016 , 32, 31-39	17.9	23
36	Role of eosinophils in the initiation and progression of pancreatitis pathogenesis. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 314, G211-G222	5.1	21
35	IL-15 immunotherapy is a viable strategy for COVID-19. <i>Cytokine and Growth Factor Reviews</i> , 2020 , 54, 24-31	17.9	18
34	A critical role for IL-18 in transformation and maturation of naive eosinophils to pathogenic eosinophils. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 301-305	11.5	18
33	Allergen-induced interleukin-18 promotes experimental eosinophilic oesophagitis in mice. <i>Immunology and Cell Biology</i> , 2015 , 93, 849-57	5	16
32	Attenuation of Allergen-, IL-13-, and TGF- β -Induced Lung Fibrosis after the Treatment of rIL-15 in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 61, 97-109	5.7	14
31	Significance of Mouse Models in Dissecting the Mechanism of Human Eosinophilic Gastrointestinal Diseases (EGID). <i>Journal of Gastroenterology and Hepatology Research</i> , 2013 , 2, 845-853	0.9	14

30	Food-Induced Acute Pancreatitis. <i>Digestive Diseases and Sciences</i> , 2017 , 62, 3287-3297	4	13
29	Allergen-induced resistin-like molecule- β promotes esophageal epithelial cell hyperplasia in eosinophilic esophagitis. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 307, G499-507	5.1	13
28	Possible Noninvasive Biomarker of Eosinophilic Esophagitis: Clinical and Experimental Evidence. <i>Case Reports in Gastroenterology</i> , 2016 , 10, 685-692	1	12
27	Intestinal overexpression of IL-18 promotes eosinophils-mediated allergic disorders. <i>Immunology</i> , 2019 , 157, 110-121	7.8	12
26	Role of Vasoactive Intestinal Peptide in Promoting the Pathogenesis of Eosinophilic Esophagitis (EoE). <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018 , 5, 99-100.e7	7.9	11
25	Potential of Inducible Nitric Oxide Synthase as a Therapeutic Target for Allergen-Induced Airway Hyperresponsiveness: A Critical Connection to Nitric Oxide Levels and PARP Activity. <i>Mediators of Inflammation</i> , 2016 , 2016, 1984703	4.3	11
24	Elements Involved In Promoting Eosinophilic Gastrointestinal Disorders. <i>Journal of Genetic Syndromes & Gene Therapy</i> , 2015 , 6,		8
23	Significance of Eosinophils in Promoting Pancreatic malignancy. <i>Journal of Gastroenterology, Pancreatology & Liver Disorders</i> , 2017 , 5,		8
22	Diagnostic and therapeutic strategies for eosinophilic esophagitis. <i>Clinical Practice (London, England)</i> , 2014 , 11, 351-367	3	7
21	Chronic Pancreatitis and the Development of Pancreatic Cancer. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 1182-1210	2.2	7
20	Chronic Pancreatitis Associated Acute Respiratory Failure. <i>MOJ Immunology</i> , 2017 , 5,	7	6
19	Food allergy and eosinophilic esophagitis in India: Lack of diagnosis. <i>Indian Journal of Gastroenterology</i> , 2016 , 35, 72-3	1.9	6
18	Immunological Responses Involved In Promoting Acute and Chronic Pancreatitis 2017 , 1, 1-8		5
17	Tacrolimus (FK506) treatment protects allergen-, IL-5- and IL-13-induced mucosal eosinophilia. <i>Immunology</i> , 2021 , 163, 220-235	7.8	5
16	Intestinal overexpression of interleukin (IL)-15 promotes tissue eosinophilia and goblet cell hyperplasia. <i>Immunology and Cell Biology</i> , 2018 , 96, 273-283	5	4
15	Interleukin-18 has an Important Role in Differentiation and Maturation of Mucosal Mast Cells 2018 , 2,		4
14	Significance of Interleukin (IL)-15 in IgE associated eosinophilic Esophagitis (EoE) 2019 , 2, 1-12		3
13	Chronic inflammation promotes epithelial-mesenchymal transition-mediated malignant phenotypes and lung injury in experimentally-induced pancreatitis. <i>Life Sciences</i> , 2021 , 278, 119640	6.8	3

12	Vaccine efficacy in mutant SARS-CoV-2 variants 2021 , 4, 1-12		3
11	Eosinophilic pancreatitis: a rare or unexplored disease entity?. <i>Przegląd Gastroenterologiczny</i> , 2020 , 15, 34-38	6	2
10	Immunomodulatory effects of tacrolimus (FK506) for the treatment of allergic diseases 2018 , 1, 5-13		2
9	Peyer's patch eosinophils: identification, characterization, and regulation by mucosal allergen exposure, interleukin-5, and eotaxin. <i>Blood</i> , 2000 , 96, 1538-1544	2.2	2
8	Eosinophils in the pathogenesis of pancreatic disorders. <i>Seminars in Immunopathology</i> , 2021 , 43, 411-422	2	2
7	Blood mRNA levels of T cells and IgE receptors are novel non-invasive biomarkers for eosinophilic esophagitis (EoE). <i>Clinical Immunology</i> , 2021 , 227, 108752	9	2
6	Protein-A activates membrane bound multicomponent enzyme complex, NADPH oxidase in human neutrophils. <i>Immunopharmacology and Immunotoxicology</i> , 1999 , 21, 683-94	3.2	1
5	Role of IL-18-transformed CD274-expressing eosinophils in promoting airway obstruction in experimental asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 ,	9.3	1
4	Macrophages-induced IL-18-mediated eosinophilia promotes characteristics of pancreatic malignancy. <i>Life Science Alliance</i> , 2021 , 4,	5.8	1
3	Experimental Modeling of Eosinophil-Associated Diseases. <i>Methods in Molecular Biology</i> , 2021 , 2241, 275-291	1.4	1
2	Possible novel non-invasive biomarker for inflammation mediated pancreatic malignancy 2020 , 3, 1-8		
1	Eosinophils and T cell surface molecule transcript levels in the blood differentiate eosinophilic esophagitis (EoE) from GERD 2021 , 4, 1-8		