Anil Mishra

List of Publications by Year in Descending Order

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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	Eosinophils and T cell surface molecule transcript levels in the blood differentiate eosinophilic esophagitis (EoE) from GERD **2021**, 4, 1-8		
82	Role of IL-18-transformed CD274-expressing eosinophils in promoting airway obstruction in experimental asthma. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**,	9.3	1
81	Eosinophils in the pathogenesis of pancreatic disorders. *Seminars in Immunopathology*, **2021**, 43, 411-422	12	2
80	Macrophages-induced IL-18-mediated eosinophilia promotes characteristics of pancreatic malignancy. *Life Science Alliance*, **2021**, 4,	5.8	1
79	Blood mRNA levels of T cells and IgE receptors are novel non-invasive biomarkers for eosinophilic esophagitis (EoE). *Clinical Immunology*, **2021**, 227, 108752	9	2
78	Experimental Modeling of Eosinophil-Associated Diseases. *Methods in Molecular Biology*, **2021**, 2241, 275-291	1.4	1
77	Tacrolimus (FK506) treatment protects allergen-, IL-5- and IL-13-induced mucosal eosinophilia. *Immunology*, **2021**, 163, 220-235	7.8	5
76	Chronic inflammation promotes epithelial-mesenchymal transition-mediated malignant phenotypes and lung injury in experimentally-induced pancreatitis. *Life Sciences*, **2021**, 278, 119640	6.8	3
75	Vaccine efficacy in mutant SARS-CoV-2 variants **2021**, 4, 1-12		3
74	IL-15 immunotherapy is a viable strategy for COVID-19. *Cytokine and Growth Factor Reviews*, **2020**, 54, 24-31	17.9	18
73	Eosinophilic pancreatitis: a rare or unexplored disease entity?. *Przeglad Gastroenterologiczny*, **2020**, 15, 34-38	6	2
72	Possible novel non-invasive biomarker for inflammation mediated pancreatic malignancy **2020**, 3, 1-8		
71	Chronic Pancreatitis and the Development of Pancreatic Cancer. *Endocrine, Metabolic and Immune Disorders - Drug Targets*, **2020**, 20, 1182-1210	2.2	7
70	Attenuation of Allergen-, IL-13-, and TGF-□nduced Lung Fibrosis after the Treatment of rIL-15 in Mice. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 61, 97-109	5.7	14
69	Synergy of Interleukin (IL)-5 and IL-18 in eosinophil mediated pathogenesis of allergic diseases. *Cytokine and Growth Factor Reviews*, **2019**, 47, 83-98	17.9	33
68	Significance of Interleukin (IL)-15 in IgE associated eosinophilic Esophagitis (EoE) **2019**, 2, 1-12		3
67	Intestinal overexpression of IL-18 promotes eosinophils-mediated allergic disorders. *Immunology*, **2019**, 157, 110-121	7.8	12

66	Intestinal overexpression of interleukin (IL)-15 promotes tissue eosinophilia and goblet cell hyperplasia. *Immunology and Cell Biology*, **2018**, 96, 273-283	5	4
65	A critical role for IL-18 in transformation and maturation of naive eosinophils to pathogenic eosinophils. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 301-305	11.5	18
64	Regulatory effects of IL-15 on allergen-induced airway obstruction. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 906-917.e6	11.5	24
63	Role of Vasoactive Intestinal Peptide in Promoting the Pathogenesis of Eosinophilic Esophagitis (EoE). *Cellular and Molecular Gastroenterology and Hepatology*, **2018**, 5, 99-100.e7	7.9	11
62	Role of eosinophils in the initiation and progression of pancreatitis pathogenesis. *American Journal of Physiology - Renal Physiology*, **2018**, 314, G211-G222	5.1	21
61	Interleukin-18 has an Important Role in Differentiation and Maturation of Mucosal Mast Cells **2018**, 2,		4
60	Immunomodulatory effects of tacrolimus (FK506) for the treatment of allergic diseases **2018**, 1, 5-13		2
59	IL-15 regulates fibrosis and inflammation in a mouse model of chronic pancreatitis. *American Journal of Physiology - Renal Physiology*, **2018**, 315, G954-G965	5.1	25
58	Neuroendocrine cells derived chemokine vasoactive intestinal polypeptide (VIP) in allergic diseases. *Cytokine and Growth Factor Reviews*, **2017**, 38, 37-48	17.9	23
57	Food-Induced Acute Pancreatitis. *Digestive Diseases and Sciences*, **2017**, 62, 3287-3297	4	13
56	Pathogenic mechanisms of pancreatitis. *World Journal of Gastrointestinal Pharmacology and Therapeutics*, **2017**, 8, 10-25	3	118
55	Chronic Pancreatitis Associated Acute Respiratory Failure. *MOJ Immunology*, **2017**, 5,	7	6
54	Significance of Eosinophils in Promoting Pancreatic malignancy. *Journal of Gastroenterology, Pancreatology & Liver Disorders*, **2017**, 5,		8
53	Immunological Responses Involved In Promoting Acute and Chronic Pancreatitis **2017**, 1, 1-8		5
52	Possible Noninvasive Biomarker of Eosinophilic Esophagitis: Clinical and Experimental Evidence. *Case Reports in Gastroenterology*, **2016**, 10, 685-692	1	12
51	Role of interleukin-18 in the pathophysiology of allergic diseases. *Cytokine and Growth Factor Reviews*, **2016**, 32, 31-39	17.9	23
50	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. *Mediators of Inflammation*, **2016**, 2016, 1984703	4.3	11
49	Food allergy and eosinophilic esophagitis in India: Lack of diagnosis. *Indian Journal of Gastroenterology*, **2016**, 35, 72-3	1.9	6

48	Involvement of interleukin-18 in the pathogenesis of human eosinophilic esophagitis. *Clinical Immunology*, **2015**, 157, 103-13	9	27
47	Allergen-induced interleukin-18 promotes experimental eosinophilic oesophagitis in mice. *Immunology and Cell Biology*, **2015**, 93, 849-57	5	16
46	Elements Involved In Promoting Eosinophilic Gastrointestinal Disorders. *Journal of Genetic Syndromes & Gene Therapy*, **2015**, 6,		8
45	Allergen-induced resistin-like molecule-promotes esophageal epithelial cell hyperplasia in eosinophilic esophagitis. *American Journal of Physiology - Renal Physiology*, **2014**, 307, G499-507	5.1	13
44	Invariant natural killer T-cell neutralization is a possible novel therapy for human eosinophilic esophagitis. *Clinical and Translational Immunology*, **2014**, 3, e9	6.8	39
43	Diagnostic and therapeutic strategies for eosinophilic esophagitis. *Clinical Practice (London, England)*, **2014**, 11, 351-367	3	7
42	Pathogenic role of mast cells in experimental eosinophilic esophagitis. *American Journal of Physiology - Renal Physiology*, **2013**, 304, G1087-94	5.1	65
41	Pathogenesis of allergen-induced eosinophilic esophagitis is independent of interleukin (IL)-13. *Immunology and Cell Biology*, **2013**, 91, 408-15	5	36
40	Significance of Mouse Models in Dissecting the Mechanism of Human Eosinophilic Gastrointestinal Diseases (EGID). *Journal of Gastroenterology and Hepatology Research*, **2013**, 2, 845-853	0.9	14
39	Esophageal functional impairments in experimental eosinophilic esophagitis. *American Journal of Physiology - Renal Physiology*, **2012**, 302, G1347-55	5.1	56
38	Significance of para-esophageal lymph nodes in food or aeroallergen-induced iNKT cell-mediated experimental eosinophilic esophagitis. *American Journal of Physiology - Renal Physiology*, **2012**, 302, G645-54	5.1	64
37	Indoor insect allergens are potent inducers of experimental eosinophilic esophagitis in mice. *Journal of Leukocyte Biology*, **2010**, 88, 337-46	6.5	64
36	Interleukin-15 expression is increased in human eosinophilic esophagitis and mediates pathogenesis in mice. *Gastroenterology*, **2010**, 139, 182-93.e7	13.3	77
35	An imbalance of esophageal effector and regulatory T cell subsets in experimental eosinophilic esophagitis in mice. *American Journal of Physiology - Renal Physiology*, **2009**, 297, G550-8	5.1	24
34	Mechanism of eosinophilic esophagitis. *Immunology and Allergy Clinics of North America*, **2009**, 29, 29-40, viii	3.3	39
33	Esophageal remodeling develops as a consequence of tissue specific IL-5-induced eosinophilia. *Gastroenterology*, **2008**, 134, 204-14	13.3	205
32	Blockade of beta-catenin signaling by plant flavonoid apigenin suppresses prostate carcinogenesis in TRAMP mice. *Cancer Research*, **2007**, 67, 6925-35	10.1	104
31	Resistin-like molecule-beta is an allergen-induced cytokine with inflammatory and remodeling activity in the murine lung. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2007**, 293, L305-13	5.8	51

30	Critical role for adaptive T cell immunity in experimental eosinophilic esophagitis in mice. *Journal of Leukocyte Biology*, **2007**, 81, 916-24	6.5	123
29	Resistin-like molecule beta regulates innate colonic function: barrier integrity and inflammation susceptibility. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 257-68	11.5	120
28	Epicutaneous aeroallergen exposure induces systemic TH2 immunity that predisposes to allergic nasal responses. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 62-9	11.5	69
27	The alpha4bbeta7-integrin is dynamically expressed on murine eosinophils and involved in eosinophil trafficking to the intestine. *Clinical and Experimental Allergy*, **2006**, 36, 543-53	4.1	47
26	Eotaxin-3 and a uniquely conserved gene-expression profile in eosinophilic esophagitis. *Journal of Clinical Investigation*, **2006**, 116, 536-47	15.9	619
25	Epicutaneous antigen exposure primes for experimental eosinophilic esophagitis in mice. *Gastroenterology*, **2005**, 129, 985-94	13.3	156
24	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. *FASEB Journal*, **2005**, 19, 2042-4	0.9	78
23	Expression and regulation of small proline-rich protein 2 in allergic inflammation. *American Journal of Respiratory Cell and Molecular Biology*, **2005**, 32, 428-35	5.7	50
22	Negative regulation of eosinophil recruitment to the lung by the chemokine monokine induced by IFN-gamma (Mig, CXCL9). *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 1987-92	11.5	81
21	Expression and regulation of a disintegrin and metalloproteinase (ADAM) 8 in experimental asthma. *American Journal of Respiratory Cell and Molecular Biology*, **2004**, 31, 257-65	5.7	96
20	Transcript signatures in experimental asthma: identification of STAT6-dependent and -independent pathways. *Journal of Immunology*, **2004**, 172, 1815-24	5.3	103
19	Trefoil factor-2 is an allergen-induced gene regulated by Th2 cytokines and STAT6 in the lung. *American Journal of Respiratory Cell and Molecular Biology*, **2003**, 29, 458-64	5.7	45
18	Intratracheal IL-13 induces eosinophilic esophagitis by an IL-5, eotaxin-1, and STAT6-dependent mechanism. *Gastroenterology*, **2003**, 125, 1419-27	13.3	307
17	Dissection of experimental asthma with DNA microarray analysis identifies arginase in asthma pathogenesis. *Journal of Clinical Investigation*, **2003**, 111, 1863-74	15.9	288
16	Enterocyte expression of the eotaxin and interleukin-5 transgenes induces compartmentalized dysregulation of eosinophil trafficking. *Journal of Biological Chemistry*, **2002**, 277, 4406-12	5.4	77
15	IL-5 promotes eosinophil trafficking to the esophagus. *Journal of Immunology*, **2002**, 168, 2464-9	5.3	278
14	Gastrointestinal eosinophils in health and disease. *Advances in Immunology*, **2001**, 78, 291-328	5.6	87
13	Gastrointestinal eosinophils. *Immunological Reviews*, **2001**, 179, 139-55	11.3	214

12	A pathological function for eotaxin and eosinophils in eosinophilic gastrointestinal inflammation. *Nature Immunology*, **2001**, 2, 353-60	19.1	249
11	Interleukin-5-mediated allergic airway inflammation inhibits the human surfactant protein C promoter in transgenic mice. *Journal of Biological Chemistry*, **2001**, 276, 8453-9	5.4	42
10	IL-13 induces eosinophil recruitment into the lung by an IL-5- and eotaxin-dependent mechanism. *Journal of Allergy and Clinical Immunology*, **2001**, 108, 594-601	11.5	230
9	An etiological role for aeroallergens and eosinophils in experimental esophagitis. *Journal of Clinical Investigation*, **2001**, 107, 83-90	15.9	476
8	Peyer\x{2019}s patch eosinophils: identification, characterization, and regulation by mucosal allergen exposure, interleukin-5, and eotaxin. *Blood*, **2000**, 96, 1538-1544	2.2	44
7	A critical role for eotaxin in experimental oral antigen-induced eosinophilic gastrointestinal allergy. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 6681-6	11.5	147
6	Bleomycin-mediated pulmonary toxicity: evidence for a p53-mediated response. *American Journal of Respiratory Cell and Molecular Biology*, **2000**, 22, 543-9	5.7	49
5	Murine eotaxin-2: a constitutive eosinophil chemokine induced by allergen challenge and IL-4 overexpression. *Journal of Immunology*, **2000**, 165, 5839-46	5.3	143
4	Peyer\x{2019}s patch eosinophils: identification, characterization, and regulation by mucosal allergen exposure, interleukin-5, and eotaxin. *Blood*, **2000**, 96, 1538-1544	2.2	2
3	Protein-A activates membrane bound multicomponent enzyme complex, NADPH oxidase in human neutrophils. *Immunopharmacology and Immunotoxicology*, **1999**, 21, 683-94	3.2	1
2	Chemokines and chemokine receptors: their role in allergic airway disease. *Journal of Clinical Immunology*, **1999**, 19, 250-65	5.7	65
1	Fundamental signals that regulate eosinophil homing to the gastrointestinal tract. *Journal of Clinical Investigation*, **1999**, 103, 1719-27	15.9	291