

# Erwin W Gelfand

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

4,110  
citations

136950

32  
h-index

118850

62  
g-index

83  
all docs

83  
docs citations

83  
times ranked

6478  
citing authors

#	ARTICLE	IF	CITATIONS
1	Newborn Screening for Severe Combined Immunodeficiency in 11 Screening Programs in the United States. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 729.	7.4	586
2	Intravenous Immune Globulin in Autoimmune and Inflammatory Diseases. <i>New England Journal of Medicine</i> , 2012, 367, 2015-2025.	27.0	426
3	IL-5-induced airway eosinophilia – the key to asthma?. <i>Immunological Reviews</i> , 2001, 179, 182-191.	6.0	214
4	Germline hypomorphic CARD11 mutations in severe atopic disease. <i>Nature Genetics</i> , 2017, 49, 1192-1201.	21.4	174
5	Inflammatory mediators in allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, S135-S138.	2.9	159
6	Recurrent rhinovirus infections in a child with inherited MDA5 deficiency. <i>Journal of Experimental Medicine</i> , 2017, 214, 1949-1972.	8.5	117
7	Hematopoietic stem cell transplantation in 29 patients hemizygous for hypomorphic IKBKG/NEMO mutations. <i>Blood</i> , 2017, 130, 1456-1467.	1.4	95
8	Role of toll-like receptors in inflammatory bowel disease. <i>Pharmacological Research</i> , 2018, 129, 204-215.	7.1	95
9	Differences between IGIV products: Impact on clinical outcome. <i>International Immunopharmacology</i> , 2006, 6, 592-599.	3.8	89
10	CD8+ T lymphocytes and leukotriene B4: Novel interactions in the persistence and progression of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 577-582.	2.9	84
11	Is There a Link Between Obesity and Asthma?. <i>Allergy, Asthma and Immunology Research</i> , 2014, 6, 189.	2.9	84
12	Common Variable Immunodeficiency. <i>Immunology and Allergy Clinics of North America</i> , 2015, 35, 637-658.	1.9	83
13	Mitogen-activated protein kinases as therapeutic targets for asthma. , 2017, 174, 112-126.		83
14	Somatic reversion in dedicator of cytokinesis 8 immunodeficiency modulates disease phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1667-1675.	2.9	82
15	Reduction of allergic airway responses in P-selectin-deficient mice. <i>Journal of Applied Physiology</i> , 1997, 83, 681-687.	2.5	71
16	Peanut-induced intestinal allergy is mediated through a mast cell-IL-13 pathway. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 306-316.e12.	2.9	64
17	Outcomes and Treatment Strategies for Autoimmunity and Hyperinflammation in Patients with RAG Deficiency. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 1970-1985.e4.	3.8	64
18	Fexofenadine modulates T-cell function, preventing allergen-induced airway inflammation and hyperresponsiveness. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 110, 85-95.	2.9	63

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19	Once-daily ciclesonide in children: Efficacy and safety in asthma. <i>Journal of Pediatrics</i> , 2006, 148, 377-383.	1.8	63
20	Janus kinase 1/3 signaling pathways are key initiators of TH2 differentiation and lung allergic responses. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1162-1174.e4.	2.9	60
21	Importance of the leukotriene B4-BLT1 and LTB4-BLT2 pathways in asthma. <i>Seminars in Immunology</i> , 2017, 33, 44-51.	5.6	59
22	1,25D3 prevents CD8+Tc2 skewing and asthma development through VDR binding changes to the Cyp11a1 promoter. <i>Nature Communications</i> , 2016, 7, 10213.	12.8	54
23	Reduction of Antigen-induced Airway Hyperreactivity and Eosinophilia in ICAM-1-deficient Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1998, 18, 777-785.	2.9	52
24	Heterozygous FOXN1 Variants Cause Low TRECs and Severe T Cell Lymphopenia, Revealing a Crucial Role of FOXN1 in Supporting Early Thymopoiesis. <i>American Journal of Human Genetics</i> , 2019, 105, 549-561.	6.2	52
25	Controversies in IgG replacement therapy in patients with antibody deficiency diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1001-1005.	2.9	48
26	The importance and features of the distal airways in children and adults. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, S84-S87.	2.9	46
27	Mesenchymal Stem Cells Recruit CCR2+ Monocytes To Suppress Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2018, 200, 1261-1269.	0.8	45
28	Role of histamine in the pathophysiology of asthma: immunomodulatory and anti-inflammatory activities of H1-receptor antagonists. <i>American Journal of Medicine</i> , 2002, 113, 2-7.	1.5	43
29	Pediatric Asthma: A Different Disease. <i>Proceedings of the American Thoracic Society</i> , 2009, 6, 278-282.	3.5	43
30	Vaccine strain varicella-zoster virus-induced central nervous system vasculopathy as the presenting feature of DOCK8 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1225-1227.	2.9	42
31	Eosinophils contribute to the resolution of lung-allergic responses following repeated allergen challenge. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 451-460.e5.	2.9	40
32	Induction and Maintenance of Airway Responsiveness to Allergen Challenge Are Determined at the Age of Initial Sensitization. <i>Journal of Immunology</i> , 2004, 173, 1298-1306.	0.8	37
33	Reduced thymic output, cell cycle abnormalities, and increased apoptosis of T lymphocytes in patients with cartilage-hair hypoplasia. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 139-146.	2.9	36
34	Loss of T Regulatory Cell Suppression following Signaling through Glucocorticoid-induced Tumor Necrosis Receptor (GITR) Is Dependent on c-Jun N-terminal Kinase Activation. <i>Journal of Biological Chemistry</i> , 2012, 287, 17100-17108.	3.4	35
35	Steroidogenic enzyme Cyp11a1 regulates Type 2 CD8 <sup>+</sup> T cell skewing in allergic lung disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8152-8157.	7.1	35
36	Biallelic mutations in DNA ligase 1 underlie a spectrum of immune deficiencies. <i>Journal of Clinical Investigation</i> , 2018, 128, 5489-5504.	8.2	32

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37	CD8 <sup>+</sup> Tc2 cells: underappreciated contributors to severe asthma. <i>European Respiratory Review</i> , 2019, 28, 190092.	7.1	30
38	Inducible and naturally occurring regulatory T cells enhance lung allergic responses through divergent transcriptional pathways. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1331-1342.	2.9	29
39	Dominant-negative loss of function arises from a second, more frequent variant within the SAND domain of autoimmune regulator ( AIRE ). <i>Journal of Autoimmunity</i> , 2018, 88, 114-120.	6.5	29
40	Differential activation and regulation of mitogen-activated protein kinases through the antigen receptor and CD40 in human B cells. <i>European Journal of Immunology</i> , 1999, 29, 2999-3008.	2.9	28
41	Cyclin-Dependent Kinase 6 Inhibits Proliferation of Human Mammary Epithelial Cells. <i>Molecular Cancer Research</i> , 2004, 2, 105-114.	3.4	28
42	The steroidogenic enzyme Cyp11a1 is essential for development of peanut-induced intestinal anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 1174-1183.e8.	2.9	27
43	Late Onset Hypomorphic RAG2 Deficiency Presentation with Fatal Vaccine-Strain VZV Infection. <i>Journal of Clinical Immunology</i> , 2015, 35, 754-760.	3.8	27
44	IL-23 Is Essential for the Development of Elastase-Induced Pulmonary Inflammation and Emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 697-707.	2.9	26
45	Spectrum of T lymphocyte activities regulating allergic lung inflammation. <i>Immunological Reviews</i> , 2017, 278, 63-86.	6.0	25
46	Anti-inflammatory activity of H1-receptor antagonists: review of recent experimental research. <i>Current Medical Research and Opinion</i> , 2004, 20, 73-81.	1.9	22
47	Contrasting roles for the receptor for advanced glycation end-products on structural cells in allergic airway inflammation vs. airway hyperresponsiveness. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L789-L800.	2.9	22
48	Mechanisms of genotype-phenotype correlation in autosomal dominant anhidrotic ectodermal dysplasia with immune deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1060-1073.e3.	2.9	22
49	Effects of fexofenadine on T-cell function in a murine model of allergen-induced airway inflammation and hyperresponsiveness. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 112, S89-S95.	2.9	20
50	Accumulation of high levels of the p53 and p130 growth-suppressing proteins in cell lines stably over-expressing cyclin-dependent kinase 6 (cdk6). <i>Oncogene</i> , 2001, 20, 2889-2899.	5.9	19
51	Primary Immunodeficiency Masquerading as Allergic Disease. <i>Immunology and Allergy Clinics of North America</i> , 2015, 35, 767-778.	1.9	19
52	Forkhead box protein 3 demethylation is associated with tolerance induction in peanut-induced intestinal allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 659-670.e2.	2.9	18
53	Leukotriene B4 receptor 1 is differentially expressed on peripheral T cells of steroid-sensitive and -resistant asthmatics. <i>Annals of Allergy, Asthma and Immunology</i> , 2014, 112, 211-216.e1.	1.0	17
54	Plasmacytoid dendritic cell deficiency in neonates enhances allergic airway inflammation via reduced production of IFN- $\gamma$ . <i>Cellular and Molecular Immunology</i> , 2020, 17, 519-532.	10.5	17

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55	Use of the Health Plan Employer Data and Information Set for measuring and improving the quality of asthma care. <i>Annals of Allergy, Asthma and Immunology</i> , 2006, 97, 298-305.	1.0	15
56	Is asthma in childhood different from asthma in adults? Why do we need special approaches to asthma in children?. <i>Allergy and Asthma Proceedings</i> , 2008, 29, 99-102.	2.2	15
57	Development of asthma is determined by the age-dependent host response to respiratory virus infection: therapeutic implications. <i>Current Opinion in Immunology</i> , 2012, 24, 713-719.	5.5	15
58	Hypoxia enhances CD8+ TC2 cell-dependent airway hyperresponsiveness and inflammation through hypoxia-inducible factor 1 $\alpha$ . <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2026-2037.e7.	2.9	15
59	Impaired ATM activation in B cells is associated with bone resorption in rheumatoid arthritis. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	15
60	Critical Decisions in Selecting an Intravenous Immunoglobulin Product. <i>Journal of Infusion Nursing</i> , 2005, 28, 366-374.	2.3	14
61	The other side of asthma: Steroid-refractory disease in the absence of TH2-mediated inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1196-1198.	2.9	13
62	Activation of p70S6 Kinase-1 in Mesenchymal Stem Cells Is Essential to Lung Tissue Repair. <i>Stem Cells Translational Medicine</i> , 2018, 7, 551-558.	3.3	13
63	JNK2 Regulates the Functional Plasticity of Naturally Occurring T Regulatory Cells and the Enhancement of Lung Allergic Responses. <i>Journal of Immunology</i> , 2014, 193, 2238-2247.	0.8	11
64	Immunomodulatory Effects of Ambroxol on Airway Hyperresponsiveness and Inflammation. <i>Immune Network</i> , 2016, 16, 165.	3.6	11
65	Vasculitis in a Child With the Hyper-IgM Variant of Ataxia-Telangiectasia. <i>Frontiers in Pediatrics</i> , 2019, 7, 390.	1.9	8
66	A novel ATM mutation associated with elevated atypical lymphocyte populations, hyper-IgM, and cutaneous granulomas. <i>Clinical Immunology</i> , 2019, 200, 55-63.	3.2	8
67	Dichotomous role of TGF- $\beta$ 2 controls inducible regulatory T-cell fate in allergic airway disease through Smad3 and TGF- $\beta$ 2-activated kinase 1. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 933-946.e4.	2.9	8
68	Heterozygous IKK $\beta$ activation loop mutation results in a complex immunodeficiency syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 737-740.e6.	2.9	8
69	Modulated Expression of Genes Encoding Estrogen Metabolizing Enzymes by G1-Phase Cyclin-Dependent Kinases 6 and 4 in Human Breast Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e97448.	2.5	8
70	Molecular Endotypes Contribute to the Heterogeneity of Asthma. <i>Immunology and Allergy Clinics of North America</i> , 2018, 38, 655-665.	1.9	7
71	Is there a role for type 2 CD8+ T cells in patients with steroid-resistant asthma?. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 648-650.	2.9	6
72	Expression and activation of the steroidogenic enzyme CYP11A1 is associated with IL-13 production in T cells from peanut allergic children. <i>PLoS ONE</i> , 2020, 15, e0233563.	2.5	6

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73	Pediatric allergic rhinitis: factors affecting treatment choice. <i>Ear, Nose and Throat Journal</i> , 2005, 84, 163-8.	0.8	6
74	CFTR-mediated monocyte/macrophage dysfunction revealed by cystic fibrosis proband-parent comparisons. <i>JCI Insight</i> , 2022, 7, .	5.0	6
75	Use of IGIV in the Treatment of Immune-Mediated Dermatologic Disorders. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2004, 9, 92-96.	0.8	5
76	Therapeutic benefits of recombinant alpha1-antitrypsin IgG1 Fc-fusion protein in experimental emphysema. <i>Respiratory Research</i> , 2021, 22, 207.	3.6	5
77	Plasticity of Naturally Occurring Regulatory T Cells in Allergic Airway Disease Is Modulated by the Transcriptional Activity of Il-6. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4582.	4.1	4
78	Autophagy-associated immune dysregulation and hyperplasia in a patient with compound heterozygous mutations in <i>ATG9A</i> . <i>Autophagy</i> , 2023, 19, 678-691.	9.1	4
79	Advances in therapy for adult asthma. <i>Clinical Cornerstone</i> , 2008, 8, 62-75.	0.7	2
80	Confronting the Challenges of Severe Asthma. <i>Journal of Family Practice</i> , 2018, 67, S19-S26.	0.2	2
81	Introduction to anti-allergic properties of antihistamines. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 112, S41.	2.9	0
82	In Vivo Assessment of Airway Function in the Mouse Model. <i>Methods in Molecular Biology</i> , 2016, 1442, 219-230.	0.9	0
83	Ever-evolving Concepts in the Asthma Management Landscape in the United States. <i>Journal of Family Practice</i> , 2018, 67, S4-S11.	0.2	0