

Carsten B Schmidt-Weber

List of Publications by Year in descending order

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Version: 2024-02-01

201
papers

11,807
citations

41339

49
h-index

32838

100
g-index

218
all docs

218
docs citations

218
times ranked

14077
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune Responses in Healthy and Allergic Individuals Are Characterized by a Fine Balance between Allergen-specific T Regulatory 1 and T Helper 2 Cells. <i>Journal of Experimental Medicine</i> , 2004, 199, 1567-1575.	8.5	960
2	Th22 cells represent a distinct human T cell subset involved in epidermal immunity and remodeling. <i>Journal of Clinical Investigation</i> , 2009, 119, 3573-85.	8.2	840
3	EAACI Guidelines on Allergen Immunotherapy: Allergic rhinoconjunctivitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 765-798.	5.7	473
4	Glucocorticoids upregulate FOXP3 expression and regulatory T cells in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, 1425-1433.	2.9	450
5	Molecular Mechanisms Underlying FOXP3 Induction in Human T Cells. <i>Journal of Immunology</i> , 2006, 176, 3593-3602.	0.8	356
6	T-cell regulation in chronic paranasal sinus disease. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 1435-1441.e3.	2.9	308
7	Biomarkers for monitoring clinical efficacy of allergen immunotherapy for allergic rhinoconjunctivitis and allergic asthma: an EAACI Position Paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1156-1173.	5.7	275
8	GATA3-Driven Th2 Responses Inhibit TGF- β -Induced FOXP3 Expression and the Formation of Regulatory T Cells. <i>PLoS Biology</i> , 2007, 5, e329.	5.6	245
9	Allergen immunotherapy for allergic rhinoconjunctivitis: A systematic review and meta-analysis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1597-1631.	5.7	233
10	TH17 cells in the big picture of immunology. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 247-254.	2.9	227
11	IL-17 and IL-22: siblings, not twins. <i>Trends in Immunology</i> , 2010, 31, 354-361.	6.8	206
12	Mutual Antagonism of T Cells Causing Psoriasis and Atopic Eczema. <i>New England Journal of Medicine</i> , 2011, 365, 231-238.	27.0	196
13	Intraindividual genome expression analysis reveals a specific molecular signature of psoriasis and eczema. <i>Science Translational Medicine</i> , 2014, 6, 244ra90.	12.4	170
14	Characterization of FOXP3+CD4+ regulatory T cells in Crohn's disease. <i>Clinical Immunology</i> , 2007, 125, 281-290.	3.2	169
15	Pollen and spore monitoring in the world. <i>Clinical and Translational Allergy</i> , 2018, 8, 9.	3.2	149
16	Human IL-31 is induced by IL-4 and promotes TH2-driven inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 446-454.e5.	2.9	147
17	High Environmental Ozone Levels Lead to Enhanced Allergenecity of Birch Pollen. <i>PLoS ONE</i> , 2013, 8, e80147.	2.5	147
18	Immunology of COVID-19: Mechanisms, clinical outcome, diagnostics, and perspectives—A report of the European Academy of Allergy and Clinical Immunology (EAACI). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2445-2476.	5.7	132

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19	Amelioration of rat experimental arthritides by treatment with the alkaloid sinomenine. <i>International Journal of Immunopharmacology</i> , 1996, 18, 529-543.	1.1	131
20	Research needs in allergy: an EAACI position paper, in collaboration with EFA. <i>Clinical and Translational Allergy</i> , 2012, 2, 21.	3.2	127
21	Decreased FOXP3 protein expression in patients with asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009, 64, 1539-1546.	5.7	126
22	IL-22 and TNF- α represent a key cytokine combination for epidermal integrity during infection with <i>Candida albicans</i> . <i>European Journal of Immunology</i> , 2011, 41, 1894-1901.	2.9	122
23	Regulation and role of transforming growth factor- β 2 in immune tolerance induction and inflammation. <i>Current Opinion in Immunology</i> , 2004, 16, 709-716.	5.5	120
24	Automatic and Online Pollen Monitoring. <i>International Archives of Allergy and Immunology</i> , 2015, 167, 158-166.	2.1	118
25	Transforming Growth Factor-Beta: Recent Advances on Its Role in Immune Tolerance. <i>Methods in Molecular Biology</i> , 2010, 677, 303-338.	0.9	116
26	Perspectives in allergen immunotherapy: 2019 and beyond. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 3-25.	5.7	113
27	Particulate Matter from Both Heavy Fuel Oil and Diesel Fuel Shipping Emissions Show Strong Biological Effects on Human Lung Cells at Realistic and Comparable In Vitro Exposure Conditions. <i>PLoS ONE</i> , 2015, 10, e0126536.	2.5	111
28	Activin A is an acute allergen-responsive cytokine and provides a link to TGF- β 2-mediated airway remodeling in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 111-118.	2.9	108
29	Inhibition of T α 1-helper α 2-type responses, IgE production and eosinophilia by synthetic lipopeptides. <i>European Journal of Immunology</i> , 2003, 33, 2717-2726.	2.9	106
30	EAACI IG Biologicals task force paper on the use of biologic agents in allergic disorders. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 727-754.	5.7	98
31	Spotlight on microRNAs in allergy and asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1661-1678.	5.7	98
32	Differentiation and functional analysis of human TH17 cells. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 588-595.e7.	2.9	96
33	Current and future biomarkers in allergic asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 475-494.	5.7	96
34	Histamine enhances TGF- β 2-mediated suppression of Th2 responses. <i>FASEB Journal</i> , 2003, 17, 1089-1095.	0.5	90
35	Every-other-day feeding extends lifespan but fails to delay many symptoms of aging in mice. <i>Nature Communications</i> , 2017, 8, 155.	12.8	87
36	Long-term amelioration of rat adjuvant arthritis following systemic elimination of macrophages by clodronate-containing liposomes. <i>Arthritis and Rheumatism</i> , 1995, 38, 1777-1790.	6.7	83

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37	Interleukin-4 and interferon- γ orchestrate an epithelial polarization in the airways. <i>Mucosal Immunology</i> , 2016, 9, 917-926.	6.0	81
38	IL-22 suppresses IFN- γ -mediated lung inflammation in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 562-570.	2.9	79
39	Perspectives in allergen immunotherapy: 2017 and beyond. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 5-23.	5.7	76
40	Regulation of the <i>foxp3</i> Gene by the Th1 Cytokines: The Role of IL-27-Induced STAT1. <i>Journal of Immunology</i> , 2009, 182, 1041-1049.	0.8	75
41	Unique Phenotype of Human Tonsillar and In Vitro-Induced FOXP3+CD8+ T Cells. <i>Journal of Immunology</i> , 2009, 182, 2124-2130.	0.8	71
42	ARIA guideline 2019: treatment of allergic rhinitis in the German health system. <i>Allergologie Select</i> , 2019, 3, 22-50.	3.1	70
43	Pollen metabolome analysis reveals adenosine as a major regulator of dendritic cell-primed TH cell responses. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 454-461.e9.	2.9	59
44	Barrier responses of human bronchial epithelial cells to grass pollen exposure. <i>European Respiratory Journal</i> , 2013, 42, 87-97.	6.7	59
45	Near-ground effect of height on pollen exposure. <i>Environmental Research</i> , 2019, 174, 160-169.	7.5	58
46	High-Altitude Climate Therapy Reduces Local Airway Inflammation and Modulates Lymphocyte Activation. <i>Scandinavian Journal of Immunology</i> , 2006, 63, 304-310.	2.7	57
47	ADAM10 and ADAM17 promote SARS-CoV-2 cell entry and spike protein-mediated lung cell fusion. <i>EMBO Reports</i> , 2022, 23, e54305.	4.5	57
48	A novel molecular disease classifier for psoriasis and eczema. <i>Experimental Dermatology</i> , 2016, 25, 767-774.	2.9	54
49	Type I Immune Response Induces Keratinocyte Necroptosis and Is Associated with Interface Dermatitis. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1785-1794.	0.7	52
50	Early IL-10 producing B-cells and coinciding Th/Tr17 shifts during three year grass-pollen AIT. <i>EBioMedicine</i> , 2018, 36, 475-488.	6.1	52
51	Transforming growth factor- β inhibits human antigen-specific CD4+ T cell proliferation without modulating the cytokine response. <i>International Immunology</i> , 2003, 15, 1495-1504.	4.0	51
52	Sebocytes contribute to skin inflammation by promoting the differentiation of T helper 17 cells. <i>British Journal of Dermatology</i> , 2018, 178, 722-730.	1.5	51
53	Artemisia pollen is the main vector for airborne endotoxin. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 369-377.e5.	2.9	50
54	RORC2 Is Involved in T Cell Polarization through Interaction with the FOXP3 Promoter. <i>Journal of Immunology</i> , 2010, 184, 6161-6169.	0.8	49

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55	Apoptotic cell death in activated monocytes following incorporation of clodronate-liposomes. <i>Journal of Leukocyte Biology</i> , 1996, 60, 230-244.	3.3	48
56	Short-term subcutaneous grass pollen immunotherapy under the umbrella of anti-IL-4: A randomized controlled trial. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 452-461.e9.	2.9	48
57	Pro-Inflammatory versus Immunomodulatory Effects of Silver Nanoparticles in the Lung: The Critical Role of Dose, Size and Surface Modification. <i>Nanomaterials</i> , 2017, 7, 300.	4.1	48
58	Laboratory mouse housing conditions can be improved using common environmental enrichment without compromising data. <i>PLoS Biology</i> , 2018, 16, e2005019.	5.6	48
59	An operational robotic pollen monitoring network based on automatic image recognition. <i>Environmental Research</i> , 2020, 191, 110031.	7.5	48
60	FoxP3, GATA-3 and Tbet expression in elderly asthma. <i>Clinical and Experimental Allergy</i> , 2011, 41, 490-496.	2.9	47
61	Added sensitivity of component-resolved diagnosis in hymenoptera venom-allergic patients with elevated serum tryptase and/or mastocytosis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 651-660.	5.7	47
62	Surface modifications of silica nanoparticles are crucial for their inert versus proinflammatory and immunomodulatory properties. <i>International Journal of Nanomedicine</i> , 2014, 9, 2815.	6.7	46
63	Clinical use of adjuvants in allergen-immunotherapy. <i>Expert Review of Clinical Immunology</i> , 2017, 13, 599-610.	3.0	46
64	Component-resolved evaluation of the content of major allergens in therapeutic extracts for specific immunotherapy of honeybee venom allergy. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2482-2489.	3.3	45
65	Connective tissue growth factor expression is regulated by histamine in lung fibroblasts: Potential role of histamine in airway remodeling. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 1398-1407.	2.9	44
66	Application of recombinant antigen 5 allergens from seven allergy-relevant Hymenoptera species in diagnostics. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 98-108.	5.7	44
67	Toll-like receptor 7/8 agonists stimulate plasmacytoid dendritic cells to initiate TH17-deviated acute contact dermatitis in human subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1320-1333.e11.	2.9	44
68	Cyclooxygenase-2 in mucosal DC mediates induction of regulatory T cells in the intestine through suppression of IL-4. <i>Mucosal Immunology</i> , 2009, 2, 254-264.	6.0	43
69	Allergen-specific immunotherapy of Hymenoptera venom allergy – also a matter of diagnosis. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2467-2481.	3.3	42
70	State-of-the-art in marketed adjuvants and formulations in Allergen Immunotherapy: A position paper of the European Academy of Allergy and Clinical Immunology (EAACI). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 746-760.	5.7	42
71	A Combined Omics Approach to Generate the Surface Atlas of Human Naive CD4+ T Cells during Early T-Cell Receptor Activation. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2085-2102.	3.8	40
72	Building an automatic pollen monitoring network (ePIN): Selection of optimal sites by clustering pollen stations. <i>Science of the Total Environment</i> , 2019, 688, 1263-1274.	8.0	40

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73	TGF- β 2 signaling of human T cells is modulated by the ancillary TGF- β 2 receptor endoglin. <i>International Immunology</i> , 2005, 17, 921-930.	4.0	39
74	Immunosuppression Affects CD4+ mRNA Expression and Induces Th2 Dominance in the Microenvironment of Cutaneous Squamous Cell Carcinoma in Organ Transplant Recipients. <i>Journal of Immunotherapy</i> , 2010, 33, 538-546.	2.4	39
75	Pollen derived low molecular compounds enhance the human allergen specific immune response <i>in vivo</i> . <i>Clinical and Experimental Allergy</i> , 2016, 46, 1355-1365.	2.9	39
76	Prioritizing research challenges and funding for allergy and asthma and the need for translational researchâ€”The European Strategic Forum on Allergic Diseases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2064-2076.	5.7	39
77	Errors in determining the flow rate of Hirst-type pollen traps. <i>Aerobiologia</i> , 2017, 33, 201-210.	1.7	38
78	Virus-like particles (VLP) in prophylaxis and immunotherapy of allergic diseases. <i>Allergo Journal International</i> , 2018, 27, 245-255.	2.0	38
79	SARA and Hgs attenuate susceptibility to TGF- β 2 mediated T cell suppression. <i>FASEB Journal</i> , 2003, 17, 194-202.	0.5	37
80	Ephrin-A1 Suppresses Th2 Cell Activation and Provides a Regulatory Link to Lung Epithelial Cells. <i>Journal of Immunology</i> , 2004, 172, 843-850.	0.8	37
81	Mild COVID-19 imprints a long-term inflammatory eicosanoid- and chemokine memory in monocyte-derived macrophages. <i>Mucosal Immunology</i> , 2022, 15, 515-524.	6.0	37
82	Ambrosia artemisiifolia (ragweed) in Germany â€” current presence, allergological relevance and containment procedures. <i>Allergo Journal International</i> , 2015, 24, 108-120.	2.0	36
83	T Cell Phenotype in Allergic Asthma and Atopic Dermatitis. <i>International Archives of Allergy and Immunology</i> , 2003, 131, 272-282.	2.1	35
84	Pollen-derived adenosine is a necessary cofactor for ragweed allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 944-954.	5.7	35
85	Ragweed plants grown under elevated CO ₂ levels produce pollen which elicit stronger allergic lung inflammation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1718-1730.	5.7	35
86	Allergen-specific immunotherapy induces the suppressive secretoglobin 1A1 in cells of the lower airways. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2461-2474.	5.7	35
87	Seasonal variation of birch and grass pollen loads and allergen release at two sites in the German Alps. <i>Atmospheric Environment</i> , 2015, 122, 83-93.	4.1	34
88	IL-4 receptor β blockade prevents sensitization and alters acute and long-lasting effects of allergen-specific immunotherapy of murine allergic asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1549-1560.	5.7	33
89	IgE autoantibodies and autoreactive T cells and their role in children and adults with atopic dermatitis. <i>Clinical and Translational Allergy</i> , 2020, 10, 34.	3.2	33
90	Effects of future climate change on birch abundance and their pollen load. <i>Global Change Biology</i> , 2021, 27, 5934-5949.	9.5	33

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91	Cytokine Gene Activation in Synovial Membrane, Regional Lymph Nodes, and Spleen during the Course of Rat Adjuvant Arthritis. <i>Cellular Immunology</i> , 1999, 195, 53-65.	3.0	31
92	TGF- β 1 in SP-A preparations influence immune suppressive properties of SP-A on human CD4+ T lymphocytes. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 291, L747-L756.	2.9	31
93	Differential in situ expression of IL-17 in skin diseases. <i>European Journal of Dermatology</i> , 2012, 22, 781-784.	0.6	31
94	The high molecular weight dipeptidyl peptidase IV Pol d 3 is a major allergen of <i>Polistes dominula</i> venom. <i>Scientific Reports</i> , 2018, 8, 1318.	3.3	31
95	Understanding gene functions and disease mechanisms: Phenotyping pipelines in the German Mouse Clinic. <i>Behavioural Brain Research</i> , 2018, 352, 187-196.	2.2	31
96	An anti-inflammatory eicosanoid switch mediates the suppression of type-2 inflammation by helminth larval products. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	31
97	Macrophages acquire a TNF-dependent inflammatory memory in allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 2078-2090.	2.9	31
98	CD28 costimulation regulates FOXP3 in a RelA/NF- κ B-dependent mechanism. <i>European Journal of Immunology</i> , 2011, 41, 503-513.	2.9	30
99	Allergic Contact Dermatitis in Psoriasis Patients: Typical, Delayed, and Non-Interacting. <i>PLoS ONE</i> , 2014, 9, e101814.	2.5	30
100	Pollen-derived nonallergenic substances enhance Th2-induced IgE production in B cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1450-1460.	5.7	30
101	Cytochrome P450s in human immune cells regulate IL-22 and c-Kit via an AHR feedback loop. <i>Scientific Reports</i> , 2017, 7, 44005.	3.3	30
102	Predicting Success of Allergen-Specific Immunotherapy. <i>Frontiers in Immunology</i> , 2020, 11, 1826.	4.8	30
103	Age dictates a steroid-resistant cascade of Wnt5a, transglutaminase 2, and leukotrienes in inflamed airways. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1343-1354.e6.	2.9	29
104	The role of the FOXP3 transcription factor in the immune regulation of allergic asthma. <i>Current Allergy and Asthma Reports</i> , 2005, 5, 356-361.	5.3	27
105	Biomatrix for upper and lower airway biomarkers in patients with allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1980-1983.	2.9	27
106	Petasol butenoate complex (Ze 339) relieves allergic rhinitis-induced nasal obstruction more effectively than desloratadine. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1515-1521.e6.	2.9	26
107	Anti-IL-4 as a New Strategy in Allergy. <i>Chemical Immunology and Allergy</i> , 2012, 96, 120-125.	1.7	26
108	House dust mite drives proinflammatory eicosanoid reprogramming and macrophage effector functions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1090-1101.	5.7	26

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109	IL-17C amplifies epithelial inflammation in human psoriasis and atopic eczema. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 800-809.	2.4	26
110	Land-Use and Height of Pollen Sampling Affect Pollen Exposure in Munich, Germany. <i>Atmosphere</i> , 2020, 11, 145.	2.3	26
111	Consequences of climate change on airborne pollen in Bavaria, Central Europe. <i>Regional Environmental Change</i> , 2021, 21, 1.	2.9	26
112	Secretoglobins in the big picture of immunoregulation in airway diseases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 767-777.	5.7	26
113	The phosphatidylinositol phosphatase PTEN is under control of costimulation and regulates proliferation in human T cells. <i>European Journal of Immunology</i> , 2002, 32, 1196-1204.	2.9	25
114	The Use of Adjuvants for Enhancing Allergen Immunotherapy Efficacy. <i>Immunology and Allergy Clinics of North America</i> , 2016, 36, 125-145.	1.9	25
115	Antigen 5 Allergens of Hymenoptera Venoms and Their Role in Diagnosis and Therapy of Venom Allergy. <i>Current Allergy and Asthma Reports</i> , 2020, 20, 58.	5.3	25
116	Inflammatory macrophage memory in nonsteroidal anti-inflammatory drug-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 587-599.	2.9	25
117	IL-37 regulates allergic inflammation by counterbalancing pro-inflammatory IL-1 and IL-33. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 856-869.	5.7	25
118	The Role of Fibroblast Growth Factor-Binding Protein 1 in Skin Carcinogenesis and Inflammation. <i>Journal of Investigative Dermatology</i> , 2018, 138, 179-188.	0.7	23
119	In-vivo diagnostic test allergens in Europe: A call to action and proposal for recovery plan-An EAACI position paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2161-2169.	5.7	23
120	Expression of cytokine mRNA and protein in joints and lymphoid organs during the course of rat antigen-induced arthritis. <i>Arthritis Research</i> , 2005, 7, R445.	2.0	22
121	Optimizing of the basophil activation test: Comparison of different basophil identification markers. , 2015, 88, 183-189.		22
122	Predicting the start, peak and end of the Betula pollen season in Bavaria, Germany. <i>Science of the Total Environment</i> , 2019, 690, 1299-1309.	8.0	22
123	ARIA guideline 2019: treatment of allergic rhinitis in the German health system. <i>Allergo Journal International</i> , 2019, 28, 255-276.	2.0	22
124	Constitutive immune activity promotes JNK- and FoxO-dependent remodeling of Drosophila airways. <i>Cell Reports</i> , 2021, 35, 108956.	6.4	22
125	Noninvasive and minimally invasive techniques for the diagnosis and management of allergic diseases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1010-1023.	5.7	21
126	DNA Arrays in Allergy and Immunology. <i>International Archives of Allergy and Immunology</i> , 2001, 126, 1-10.	2.1	20

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127	The Role of TGF- β 2 in Allergic Inflammation. <i>Immunology and Allergy Clinics of North America</i> , 2006, 26, 233-244.	1.9	20
128	Dissecting susceptibility from exogenous triggers: the model of alopecia areata and associated inflammatory skin diseases. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2015, 29, 2429-2435.	2.4	20
129	Sputum microRNA screening reveals Prostaglandin EP3 receptor as selective target in allergen-specific immunotherapy. <i>Clinical and Experimental Allergy</i> , 2021, 51, 1577-1591.	2.9	20
130	Differential clinical efficacy of anti-CD4 monoclonal antibodies in rat adjuvant arthritis is paralleled by differential influence on NF-kappaB binding activity and TNF-alpha secretion of T cells. <i>Arthritis Research</i> , 2002, 4, 184.	2.0	19
131	Improved efficacy of allergen-specific immunotherapy by JAK inhibition in a murine model of allergic asthma. <i>PLoS ONE</i> , 2017, 12, e0178563.	2.5	18
132	T-cell tolerance in allergic response. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2002, 57, 762-768.	5.7	17
133	New insights into the mechanisms of allergen-specific immunotherapy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2005, 5, 525-530.	2.3	17
134	RelB Deficiency in Dendritic Cells Protects from Autoimmune Inflammation Due to Spontaneous Accumulation of Tissue T Regulatory Cells. <i>Journal of Immunology</i> , 2019, 203, 2602-2613.	0.8	17
135	Spatial interpolation of current airborne pollen concentrations where no monitoring exists. <i>Atmospheric Environment</i> , 2019, 199, 435-442.	4.1	17
136	Specific Surface Modifications of Silica Nanoparticles Diminish Inflammasome Activation and In Vivo Expression of Selected Inflammatory Genes. <i>Nanomaterials</i> , 2017, 7, 355.	4.1	16
137	Prevalence of Hymenoptera venom allergy and sensitization in the population-representative German KORA cohort. <i>Allergo Journal International</i> , 2019, 28, 183-191.	2.0	16
138	Predicting persistence of atopic dermatitis in children using clinical attributes and serum proteins. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1158-1172.	5.7	16
139	An exhausted phenotype of T H 2 cells is primed by allergen exposure, but not reinforced by allergen-specific immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2827-2839.	5.7	16
140	Immunological mechanisms in specific immunotherapy. <i>Seminars in Immunopathology</i> , 2004, 25, 377-390.	4.0	15
141	Allergen immunotherapy for allergic asthma: protocol for a systematic review. <i>Clinical and Translational Allergy</i> , 2016, 6, 5.	3.2	15
142	Anti-inflammatory effects of the petasin phyto drug <sc>Z</sc>e339 are mediated by inhibition of the STAT pathway. <i>BioFactors</i> , 2017, 43, 388-399.	5.4	14
143	Next-generation pollen monitoring and dissemination. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1944-1945.	5.7	14
144	Shedding Light on the Venom Proteomes of the Allergy-Relevant Hymenoptera <i>Polistes dominula</i> (European Paper Wasp) and <i>Vespula</i> spp. (Yellow Jacket). <i>Toxins</i> , 2020, 12, 323.	3.4	14

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145	TGF- β -mediated control of allergen-specific t-cell responses. <i>Current Allergy and Asthma Reports</i> , 2002, 2, 259-262.	5.3	13
146	Reduced T β bet in addition to enhanced α 6 and α 3 expressing T cells contribute to human allergen-induced late responses. <i>Clinical and Experimental Allergy</i> , 2012, 42, 891-900.	2.9	13
147	Newly acquired kiwi fruit allergy after bone marrow transplantation from a kiwi-allergic donor. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2016, 30, 1136-1139.	2.4	13
148	A computational model to predict severity of atopic eczema from 30 serum proteins. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1207-1210.e2.	2.9	13
149	An abbreviated method for the quality control of pollen counters. <i>Grana</i> , 2019, 58, 185-190.	0.8	13
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