Carsten B Schmidt-Weber

List of Publications by Year
in descending order

201 papers	11,807 citations	41344 49 h-index	32842 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. Journal of Experimental Medicine, 2004, 199, 1567-1575.	8.5	960
2	Th22 cells represent a distinct human T cell subset involved in epidermal immunity and remodeling. Journal of Clinical Investigation, 2009, 119, 3573-85.	8.2	840
3	EAACI Guidelines on Allergen Immunotherapy: Allergic rhinoconjunctivitis. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 765-798.	5.7	473
4	Glucocorticoids upregulate FOXP3 expression and regulatory T cells in asthma. Journal of Allergy and Clinical Immunology, 2004, 114, 1425-1433.	2.9	450
5	Molecular Mechanisms Underlying FOXP3 Induction in Human T Cells. Journal of Immunology, 2006, 176, 3593-3602.	0.8	356
6	T-cell regulation in chronic paranasal sinus disease. Journal of Allergy and Clinical Immunology, 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. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1156-1173.	5.7	275
8	GATA3-Driven Th2 Responses Inhibit TGF-Î²1â€“Induced FOXP3 Expression and the Formation of Regulatory T Cells. PLoS Biology, 2007, 5, e329.	5.6	245
9	Allergen immunotherapy for allergic rhinoconjunctivitis: A systematic review and metaâ€analysis. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1597-1631.	5.7	233
10	TH17 cells in the big picture of immunology. Journal of Allergy and Clinical Immunology, 2007, 120, 247-254.	2.9	227
11	IL-17 and IL-22: siblings, not twins. Trends in Immunology, 2010, 31, 354-361.	6.8	206
12	Mutual Antagonism of T Cells Causing Psoriasis and Atopic Eczema. New England Journal of Medicine, 2011, 365, 231-238.	27.0	196
13	Intraindividual genome expression analysis reveals a specific molecular signature of psoriasis and eczema. Science Translational Medicine, 2014, 6, 244ra90.	12.4	170
14	Characterization of FOXP3+CD4+ regulatory T cells in Crohn's disease. Clinical Immunology, 2007, 125, 281-290.	3.2	169
15	Pollen and spore monitoring in the world. Clinical and Translational Allergy, 2018, 8, 9.	3.2	149
16	Human IL-31 is induced by IL-4 and promotes TH2-driven inflammation. Journal of Allergy and Clinical Immunology, 2013, 132, 446-454.e5.	2.9	147
17	High Environmental Ozone Levels Lead to Enhanced Allergenicity of Birch Pollen. PLoS ONE, 2013, 8, e80147.	2.5	147
18	Immunology of COVIDâ€19: Mechanisms, clinical outcome, diagnostics, and perspectivesâ€”A report of the European Academy of Allergy and Clinical Immunology (EAACI). Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2445-2476.	5.7	132

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19	Amelioration of rat experimental arthritides by treatment with the alkaloid sinomenine. International Journal of Immunopharmacology, 1996, 18, 529-543.	1.1	131
20	Research needs in allergy: an EAACI position paper, in collaboration with EFA. Clinical and Translational Allergy, 2012, 2, 21.	3.2	127
21	Decreased FOXP3 protein expression in patients with asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 1539-1546.	5.7	126
22	ILâ€22 and TNFâ€Î± represent a key cytokine combination for epidermal integrity during infection with Candida albicans. European Journal of Immunology, 2011, 41, 1894-1901.	2.9	122
23	Regulation and role of transforming growth factor-Î² in immune tolerance induction and inflammation. Current Opinion in Immunology, 2004, 16, 709-716.	5.5	120
24	Automatic and Online Pollen Monitoring. International Archives of Allergy and Immunology, 2015, 167, 158-166.	2.1	118
25	Transforming Growth Factor-Beta: Recent Advances on Its Role in Immune Tolerance. Methods in Molecular Biology, 2010, 677, 303-338.	0.9	116
26	Perspectives in allergen immunotherapy: 2019 and beyond. Allergy: European Journal of Allergy and Clinical Immunology, 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. PLoS ONE, 2015, 10, e0126536.	2.5	111
28	Activin A is an acute allergen-responsive cytokine and provides a link to TGF-Î²â€“mediated airway remodeling in asthma. Journal of Allergy and Clinical Immunology, 2006, 117, 111-118.	2.9	108
29	Inhibition of Tâ€„helperâ€„2-type responses, IgE production and eosinophilia by synthetic lipopeptides. European Journal of Immunology, 2003, 33, 2717-2726.	2.9	106
30	<scp>EAACI IG</scp> Biologicals task force paper on the use of biologic agents in allergic disorders. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 727-754.	5.7	98
31	Spotlight on microRNAs in allergy and asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1661-1678.	5.7	98
32	Differentiation and functional analysis of human TH17 cells. Journal of Allergy and Clinical Immunology, 2009, 123, 588-595.e7.	2.9	96
33	Current and future biomarkers in allergic asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 475-494.	5.7	96
34	Histamine enhances TGFâ€Î²1â€mediated suppression of Th2 responses. FASEB Journal, 2003, 17, 1089-1095.	0.5	90
35	Every-other-day feeding extends lifespan but fails to delay many symptoms of aging in mice. Nature Communications, 2017, 8, 155.	12.8	87
36	Long-term amelioration of rat adjuvant arthritis following systemic elimination of macrophages by clodronate-containing liposomes. Arthritis and Rheumatism, 1995, 38, 1777-1790.	6.7	83

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37	Interleukin-4 and interferon-Î³ orchestrate an epithelial polarization in the airways. Mucosal Immunology, 2016, 9, 917-926.	6.0	81
38	IL-22 suppresses IFN-Î³â€“mediated lung inflammation in asthmatic patients. Journal of Allergy and Clinical Immunology, 2013, 131, 562-570.	2.9	79
39	Perspectives in allergen immunotherapy: 2017 and beyond. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 5-23.	5.7	76
40	Regulation of the foxp3 Gene by the Th1 Cytokines: The Role of IL-27-Induced STAT1. Journal of Immunology, 2009, 182, 1041-1049.	0.8	75
41	Unique Phenotype of Human Tonsillar and In Vitro-Induced FOXP3+CD8+ T Cells. Journal of Immunology, 2009, 182, 2124-2130.	0.8	71
42	ARIA guideline 2019: treatment of allergic rhinitis in the German health system. Allergologie Select, 2019, 3, 22-50.	3.1	70
43	Pollen metabolome analysis reveals adenosine as a major regulator of dendritic cellâ€“primed TH cell responses. Journal of Allergy and Clinical Immunology, 2011, 127, 454-461.e9.	2.9	59
44	Barrier responses of human bronchial epithelial cells to grass pollen exposure. European Respiratory Journal, 2013, 42, 87-97.	6.7	59
45	Near-ground effect of height on pollen exposure. Environmental Research, 2019, 174, 160-169.	7.5	58
46	High-Altitude Climate Therapy Reduces Local Airway Inflammation and Modulates Lymphocyte Activation. Scandinavian Journal of Immunology, 2006, 63, 304-310.	2.7	57
47	ADAM10 and ADAM17 promote SARSâ€CoVâ€2 cell entry and spike proteinâ€mediated lung cell fusion. EMBO Reports, 2022, 23, e54305.	4.5	57
48	A novel molecular disease classifier for psoriasis and eczema. Experimental Dermatology, 2016, 25, 767-774.	2.9	54
49	Type I Immune Response Induces Keratinocyte Necroptosis and Is Associated with Interface Dermatitis. Journal of Investigative Dermatology, 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. EBioMedicine, 2018, 36, 475-488.	6.1	52
51	Transforming growth factor-Â inhibits human antigen-specific CD4+ T cell proliferation without modulating the cytokine response. International Immunology, 2003, 15, 1495-1504.	4.0	51
52	Sebocytes contribute to skin inflammation by promoting the differentiation of T helper 17 cells. British Journal of Dermatology, 2018, 178, 722-730.	1.5	51
53	Artemisia pollen is the main vector for airborne endotoxin. Journal of Allergy and Clinical Immunology, 2019, 143, 369-377.e5.	2.9	50
54	RORC2 Is Involved in T Cell Polarization through Interaction with the FOXP3 Promoter. Journal of Immunology, 2010, 184, 6161-6169.	0.8	49

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55	Apoptotic cell death in activated monocytes following incorporation of clodronate-liposomes. Journal of Leukocyte Biology, 1996, 60, 230-244.	3.3	48
56	Short-term subcutaneous grass pollen immunotherapy under the umbrella of antiâ€“IL-4: AÂrandomized controlled trial. Journal of Allergy and Clinical Immunology, 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. Nanomaterials, 2017, 7, 300.	4.1	48
58	Laboratory mouse housing conditions can be improved using common environmental enrichment without compromising data. PLoS Biology, 2018, 16, e2005019.	5.6	48
59	An operational robotic pollen monitoring network based on automatic image recognition. Environmental Research, 2020, 191, 110031.	7.5	48
60	FoxP3, GATAâ€3 and Tâ€bet expression in elderly asthma. Clinical and Experimental Allergy, 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. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 651-660.	5.7	47
62	Surface modifications of silica nanoparticles are crucial for their inert versus proinflammatory and immunomodulatory properties. International Journal of Nanomedicine, 2014, 9, 2815.	6.7	46
63	Clinical use of adjuvants in allergen-immunotherapy. Expert Review of Clinical Immunology, 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. Human Vaccines and Immunotherapeutics, 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. Journal of Allergy and Clinical Immunology, 2007, 119, 1398-1407.	2.9	44
66	Application of recombinant antigen 5 allergens from seven allergy-relevant Hymenoptera species in diagnostics. Allergy: European Journal of Allergy and Clinical Immunology, 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. Journal of Allergy and Clinical Immunology, 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. Mucosal Immunology, 2009, 2, 254-264.	6.0	43
69	Allergen-specific immunotherapy of Hymenoptera venom allergy â€“ also a matter of diagnosis. Human Vaccines and Immunotherapeutics, 2017, 13, 2467-2481.	3.3	42
70	Stateâ€ofâ€theâ€art in marketed adjuvants and formulations in Allergen Immunotherapy: A position paper of the European Academy of Allergy and Clinical Immunology (EAACI). Allergy: European Journal of Allergy and Clinical Immunology, 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. Molecular and Cellular Proteomics, 2015, 14, 2085-2102.	3.8	40
72	Building an automatic pollen monitoring network (ePIN): Selection of optimal sites by clustering pollen stations. Science of the Total Environment, 2019, 688, 1263-1274.	8.0	40

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73	TGF-Î² signaling of human T cells is modulated by the ancillary TGF-Î² receptor endoglin. International Immunology, 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. Journal of Immunotherapy, 2010, 33, 538-546.	2.4	39
75	Pollen derived low molecular compounds enhance the human allergen specific immune response inÂvivo. Clinical and Experimental Allergy, 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. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2064-2076.	5.7	39
77	Errors in determining the flow rate of Hirst-type pollen traps. Aerobiologia, 2017, 33, 201-210.	1.7	38
78	Virus-like particles (VLP) in prophylaxis and immunotherapy of allergic diseases. Allergo Journal International, 2018, 27, 245-255.	2.0	38
79	SARA and Hgs attenuate susceptibility to TGFâ€Î² 1â€mediated T cell suppression. FASEB Journal, 2003, 17, 194-202.	0.5	37
80	Ephrin-A1 Suppresses Th2 Cell Activation and Provides a Regulatory Link to Lung Epithelial Cells. Journal of Immunology, 2004, 172, 843-850.	0.8	37
81	Mild COVID-19 imprints a long-term inflammatory eicosanoid- and chemokine memory in monocyte-derived macrophages. Mucosal Immunology, 2022, 15, 515-524.	6.0	37
82	Ambrosia artemisiifolia (ragweed) in Germany â€“ current presence, allergological relevance and containment procedures. Allergo Journal International, 2015, 24, 108-120.	2.0	36
83	T Cell Phenotype in Allergic Asthma and Atopic Dermatitis. International Archives of Allergy and Immunology, 2003, 131, 272-282.	2.1	35
84	Pollenâ€derived adenosine is a necessary cofactor for ragweed allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 944-954.	5.7	35
85	Ragweed plants grown under elevated CO₂ levels produce pollen which elicit stronger allergic lung inflammation. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1718-1730.	5.7	35
86	Allergenâ€specific immunotherapy induces the suppressive secretoglobin 1A1 in cells of the lower airways. Allergy: European Journal of Allergy and Clinical Immunology, 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. Atmospheric Environment, 2015, 122, 83-93.	4.1	34
88	<scp>IL</scp>â€4 receptor Î± blockade prevents sensitization and alters acute and longâ€lasting effects of allergenâ€specific immunotherapy of murine allergic asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1549-1560.	5.7	33
89	IgE autoantibodies and autoreactive T cells and their role in children and adults with atopic dermatitis. Clinical and Translational Allergy, 2020, 10, 34.	3.2	33
90	Effects of future climate change on birch abundance and their pollen load. Global Change Biology, 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. Cellular Immunology, 1999, 195, 53-65.	3.0	31
92	TGF-Î²1 in SP-A preparations influence immune suppressive properties of SP-A on human CD4+ T lymphocytes. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L747-L756.	2.9	31
93	Differential in situ expression of IL-17 in skin diseases. European Journal of Dermatology, 2012, 22, 781-784.	0.6	31
94	The high molecular weight dipeptidyl peptidase IV Pol d 3 is a major allergen of Polistes dominula venom. Scientific Reports, 2018, 8, 1318.	3.3	31
95	Understanding gene functions and disease mechanisms: Phenotyping pipelines in the German Mouse Clinic. Behavioural Brain Research, 2018, 352, 187-196.	2.2	31
96	An anti-inflammatory eicosanoid switch mediates the suppression of type-2 inflammation by helminth larval products. Science Translational Medicine, 2020, 12, .	12.4	31
97	Macrophages acquire a TNF-dependent inflammatory memory in allergic asthma. Journal of Allergy and Clinical Immunology, 2022, 149, 2078-2090.	2.9	31
98	CD28 costimulation regulates FOXP3 in a RelA/NFâ€ÎºBâ€dependent mechanism. European Journal of Immunology, 2011, 41, 503-513.	2.9	30
99	Allergic Contact Dermatitis in Psoriasis Patients: Typical, Delayed, and Non-Interacting. PLoS ONE, 2014, 9, e101814.	2.5	30
100	Pollen-derived nonallergenic substances enhance Th2-induced IgE production in B cells. Allergy: European Journal of Allergy and Clinical Immunology, 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. Scientific Reports, 2017, 7, 44005.	3.3	30
102	Predicting Success of Allergen-Specific Immunotherapy. Frontiers in Immunology, 2020, 11, 1826.	4.8	30
103	Age dictates a steroid-resistant cascade of Wnt5a, transglutaminase 2, and leukotrienes in inflamed airways. Journal of Allergy and Clinical Immunology, 2017, 139, 1343-1354.e6.	2.9	29
104	The role of the FOXP3 transcription factor in the immune regulation of allergic asthma. Current Allergy and Asthma Reports, 2005, 5, 356-361.	5.3	27
105	Biomatrix for upper and lower airway biomarkers in patients with allergic asthma. Journal of Allergy and Clinical Immunology, 2018, 142, 1980-1983.	2.9	27
106	Petasol butenoate complex (Ze 339) relieves allergic rhinitisâ€“induced nasal obstruction more effectively than desloratadine. Journal of Allergy and Clinical Immunology, 2011, 127, 1515-1521.e6.	2.9	26
107	Anti-IL-4 as a New Strategy in Allergy. Chemical Immunology and Allergy, 2012, 96, 120-125.	1.7	26
108	House dust mite drives proinflammatory eicosanoid reprogramming and macrophage effector functions. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1090-1101.	5.7	26

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

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127	The Role of TGF-Î² in Allergic Inflammation. Immunology and Allergy Clinics of North America, 2006, 26, 233-244.	1.9	20
128	Dissecting susceptibility from exogenous triggers: the model of alopecia areata and associated inflammatory skin diseases. Journal of the European Academy of Dermatology and Venereology, 2015, 29, 2429-2435.	2.4	20
129	Sputum microRNAâ€screening reveals Prostaglandin EP3 receptor as selective target in allergenâ€specific immunotherapy. Clinical and Experimental Allergy, 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. Arthritis Research, 2002, 4, 184.	2.0	19
131	Improved efficacy of allergen-specific immunotherapy by JAK inhibition in a murine model of allergic asthma. PLoS ONE, 2017, 12, e0178563.	2.5	18
132	T-cell tolerance in allergic response. Allergy: European Journal of Allergy and Clinical Immunology, 2002, 57, 762-768.	5.7	17
133	New insights into the mechanisms of allergen-specific immunotherapy. Current Opinion in Allergy and Clinical Immunology, 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. Journal of Immunology, 2019, 203, 2602-2613.	0.8	17
135	Spatial interpolation of current airborne pollen concentrations where no monitoring exists. Atmospheric Environment, 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. Nanomaterials, 2017, 7, 355.	4.1	16
137	Prevalence of Hymenoptera venom allergy and sensitization in the population-representative German KORA cohort. Allergo Journal International, 2019, 28, 183-191.	2.0	16
138	Predicting persistence of atopic dermatitis in children using clinical attributes and serum proteins. Allergy: European Journal of Allergy and Clinical Immunology, 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 allergenâ€specific immunotherapy. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2827-2839.	5.7	16
140	Immunological mechanisms in specific immunotherapy. Seminars in Immunopathology, 2004, 25, 377-390.	4.0	15
141	Allergen immunotherapy for allergic asthma: protocol for a systematic review. Clinical and Translational Allergy, 2016, 6, 5.	3.2	15
142	Antiâ€inflammatory effects of the petasin phyto drug <scp>Z</scp>e339 are mediated by inhibition of the STAT pathway. BioFactors, 2017, 43, 388-399.	5.4	14
143	Nextâ€generation pollen monitoring and dissemination. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1944-1945.	5.7	14
144	Shedding Light on the Venom Proteomes of the Allergy-Relevant Hymenoptera Polistes dominula (European Paper Wasp) and Vespula spp. (Yellow Jacket). Toxins, 2020, 12, 323.	3.4	14

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145	TGF-Î²-mediated control of allergen-specific t-cell responses. Current Allergy and Asthma Reports, 2002, 2, 259-262.	5.3	13
146	Reduced Tâ€bet in addition to enhanced <scp>STAT</scp>6 and <scp>GATA</scp>3 expressing T cells contribute to human allergenâ€induced late responses. Clinical and Experimental Allergy, 2012, 42, 891-900.	2.9	13
147	Newly acquired kiwi fruit allergy after bone marrow transplantation from a kiwiâ€allergic donor. Journal of the European Academy of Dermatology and Venereology, 2016, 30, 1136-1139.	2.4	13
148	A computational model to predict severity of atopic eczema from 30 serum proteins. Journal of Allergy and Clinical Immunology, 2016, 138, 1207-1210.e2.	2.9	13
149	An abbreviated method for the quality control of pollen counters. Grana, 2019, 58, 185-190.	0.8	13
150	TGF-Î²1 Drives Inflammatory Th Cell But Not Treg Cell Compartment Upon Allergen Exposure. Frontiers in Immunology, 2021, 12, 763243.	4.8	13
151	Biologicals in allergic diseases and asthma: Toward personalized medicine and precision health: Highlights of the 3rd EAACI Master Class on Biologicals, San Lorenzo de El Escorial, Madrid, 2019. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 936-940.	5.7	12
152	In-depth phenotyping reveals common and novel disease symptoms in a hemizygous knock-in mouse model (Mut-ko/ki) of mut-type methylmalonic aciduria. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165622.	3.8	12
153	Increased estrogen to androgen ratio enhances immunoglobulin levels and impairs B cell function in male mice. Scientific Reports, 2020, 10, 18334.	3.3	12
154	Is parental consanguinity associated with reduced ovarian reserve?. Reproductive BioMedicine Online, 2015, 31, 427-433.	2.4	11
155	IRFâ€1 SNPs influence the risk for childhood allergic asthma: A critical role for proâ€inflammatory immune regulation. Pediatric Allergy and Immunology, 2018, 29, 34-41.	2.6	11
156	Distinct Leucocyte Redistribution After Glucocorticoid Treatment Among Difficult-to-Treat Asthmatic Patients. Scandinavian Journal of Immunology, 2005, 61, 187-196.	2.7	10
157	Interaction of 7-Alkoxycoumarins with the Aryl Hydrocarbon Receptor. Journal of Natural Products, 2017, 80, 1939-1943.	3.0	10
158	Fatal anaphylaxis following a hornet sting in a yellow jacket venom-sensitized patient with undetected monoclonal mast cell activation syndrome and without previous history of a systemic sting reaction. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 401-403.e2.	3.8	10
159	Superparamagnetic iron oxide nanoparticles conjugated to a grass pollen allergen and an optical probe. Contrast Media and Molecular Imaging, 2012, 7, 435-439.	0.8	9
160	Marker allergens in Hymenoptera venom alï»¿ï»¿ergy â€" Characteristics and potential use in preciï»¿sion medicine. Allergo Journal International, 2021, 30, 26-38.	2.0	9
161	Gene Expression Profiling in Allergy and Asthma. , 2006, 91, 188-194.		8
162	Mechanisms of Allergen Immunotherapy. Allergy and Clinical Immunology International, 2004, 16, 65-69.	0.3	8

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163	Role of Respiratory Epithelial Cells in Allergic Diseases. Cells, 2022, 11, 1387.	4.1	8
164	Integration of TCR and IL-4 signals through STAT6 and the regulation of IL-4 gene expression. Molecular Immunology, 2000, 37, 767-774.	2.2	7
165	Mechanisms of allergen immunotherapy. Clinical and Experimental Allergy Reviews, 2004, 4, 56-60.	0.3	7
166	Immunological Mechanisms of Specific Allergen Immunotherapy. Inflammation and Allergy: Drug Targets, 2006, 5, 15-21.	1.8	7
167	Allergen Content of Therapeutic Preparations for Allergen-Specific Immunotherapy of European Paper Wasp Venom Allergy. Toxins, 2022, 14, 284.	3.4	7
168	Effect of air filtration on house dust mite, cat and dog allergens and particulate matter in homes. Clinical and Translational Allergy, 2022, 12, e12137.	3.2	7
169	Lung Epithelial CYP1 Activity Regulates Aryl Hydrocarbon Receptor Dependent Allergic Airway Inflammation. Frontiers in Immunology, 0, 13, .	4.8	7
170	Biomarkers in Allergic Airway Disease: Simply Complex. Orl, 2017, 79, 72-77.	1.1	6
171	Characterization of the honeybee venom proteins C1q-like protein and PVF1 and their allergenic potential. Toxicon, 2018, 150, 198-206.	1.6	6
172	Immunological effects of adjuvanted lowâ€dose allergoid allergenâ€specific immunotherapy in experimental murine house dust mite allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 907-919.	5.7	6
173	Characterization of New Allergens from the Venom of the European Paper Wasp Polistes dominula. Toxins, 2021, 13, 559.	3.4	6
174	Activin-A Is a Pro-Inflammatory Regulator in Type-2-Driven Upper Airway Disease. International Archives of Allergy and Immunology, 2018, 176, 15-25.	2.1	5
175	Streptozotocin-induced Î²-cell damage, high fat diet, and metformin administration regulate Hes3 expression in the adult mouse brain. Scientific Reports, 2018, 8, 11335.	3.3	5
176	Dosing intact birch pollen grains at the air-liquid interface (ALI) to the immortalized human bronchial epithelial cell line BEAS-2B. PLoS ONE, 2021, 16, e0259914.	2.5	5
177	AllergoOncology: Danger signals in allergology and oncology: AÂEuropean Academy of Allergy and Clinical Immunology (EAACI) Position Paper. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2594-2617.	5.7	5
178	Early reduction of SARS-CoV-2-replication in bronchial epithelium by kinin B2 receptor antagonism. Journal of Molecular Medicine, 2022, 100, 613-627.	3.9	5
179	The priming effect of diesel exhaust on native pollen exposure at the air-liquid interface. Environmental Research, 2022, 211, 112968.	7.5	5
180	Novel key cytokines in allergy: IL-17, IL-22. Allergologie Select, 2017, 1, 71-76.	3.1	4

#	Article	IF	Citations
181	EUFOREA Rhinology Research Forum 2016: report of the brainstorming sessions on needs and priorities in rhinitis and rhinosinusitis. Rhinology, 2017, 55, .	1.3	3
182	Differential effects of lung inflammation on insulin resistance in humans and mice. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2482-2497.	5.7	3
183	New T-helper subsets controlling the immune system and tissue cells. Immunotherapy, 2010, 2, 427-429.	2.0	2
184	Local Nasal 'Protective' Immunoglobulin G4 (IgG4) Responses in Nasal Fluid Following Grass Pollen Sublingual Immunotherapy. Journal of Allergy and Clinical Immunology, 2013, 131, AB202.	2.9	2
185	-Omics for Prevention: Gene, Protein and Metabolite Profiling to Better Understand Individual Disposition to Disease. , 2006, 57, 247-255.		1
186	Overview: The Paradox of Microbial Impact on the Immune System in Allergy Prevention and Exacerbation. Birkhauser Advances in Infectious Diseases, 2017, , 1-9.	0.3	1
187	Prevalence of Hymenoptera venom allergy and sensitization in the population-representative German KORA cohort. Allergo Journal, 2019, 28, 42-51.	0.1	1
188	Supporting allergenâ€specific immunotherapy by inhibition of Janus kinases. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1814-1816.	5.7	1
189	CD23 Levels on B Cells Determine Long-Term Therapeutic Response in Patients with Atopic Eczema Treated with Selective IgE Immune Apheresis. Journal of Investigative Dermatology, 2021, 141, 681-685.e6.	0.7	1
190	Immunocompromised Patients with Therapy-Refractory Chronic Skin Diseases Show Reactivation of Latent Epsteinâ€'Barr Virus and Cytomegalovirus Infection. Journal of Investigative Dermatology, 2021, , .	0.7	1
191	Neue SchlÃ¼sselzytokine in der Allergologie: IL-17, IL-22. Allergologie, 2011, 34, 344-349.	0.1	1
192	420 Cytochrome P450s are deactivators of the aryl hydrocarbon receptor in human immune cells. Journal of Investigative Dermatology, 2016, 136, S232.	0.7	0
193	360 Interface Dermatitis is characterized by a type I immune response and an epidermal reaction to IFN-Î³ and TNF-Î±. Journal of Investigative Dermatology, 2017, 137, S254.	0.7	0
194	489 TLR7/8 agonists stimulate plasmacytoid dendritic cells to initiate aÂTh17-deviated acute contact dermatitis in humans. Journal of Investigative Dermatology, 2017, 137, S275.	0.7	0
195	Current and Future Biomarkers for Allergy and Asthma. , 2019, , 91-94.		0
196	Die Rolle von TGF-b in Immunregulation und Allergie. Allergologie, 2005, 28, 238-242.	0.1	0
197	IL-4 induced changes in the Wnt signalling of bronchial epithelial cells. , 2015, , .		0
198	Was passiert bei allergischen EntzÃ¼ndungen in den Atemwegen?. Allergologie, 2016, 39, 208-209.	0.1	0

#	Article	IF	Citations
199	Biomarker bei der Allergen-Immuntherapie â€“ ein EAACI Positionspapier. Allergologie, 2018, 41, 376-385.	0.1	0
200	ARIA-Leitlinie 2019: Behandlung der allergischen Rhinitis im deutschen Gesundheitssystem. Allergologie, 2020, 43, 43-72.	0.1	0
201	Ex Vivo Immunomodulatory Effects of Lactobacillus-, Lacticaseibacillus-, and Bifidobacterium-Containing Synbiotics on Human Peripheral Blood Mononuclear Cells and Monocyte-Derived Dendritic Cells in the Context of Grass Pollen Allergy. Probiotics and Antimicrobial Proteins, 2022, , 1.	3.9	0