

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

47409

49
h-index

37326

100
g-index

218
all docs

218
docs citations

218
times ranked

15152
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunological effects of adjuvanted low-dose allergoid allergen-specific immunotherapy in experimental murine house dust mite allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 907-919.	2.7	6
2	Secretoglobins in the big picture of immunoregulation in airway diseases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 767-777.	2.7	26
3	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.	2.7	25
4	Differential effects of lung inflammation on insulin resistance in humans and mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2482-2497.	2.7	3
5	Ex Vivo Immunomodulatory Effects of Lactobacillus-, Lactocaseibacillus-, and Bifidobacterium-Containing Synbiotics on Human Peripheral Blood Mononuclear Cells and Monocyte-Derived Dendritic Cells in the Context of Grass Pollen Allergy. <i>Probiotics and Antimicrobial Proteins</i> , 2022, ., 1.	1.9	0
6	AllergoOncology: Danger signals in allergology and oncology: A European Academy of Allergy and Clinical Immunology (EAACI) Position Paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2594-2617.	2.7	5
7	Mild COVID-19 imprints a long-term inflammatory eicosanoid- and chemokine memory in monocyte-derived macrophages. <i>Mucosal Immunology</i> , 2022, 15, 515-524.	2.7	37
8	Early reduction of SARS-CoV-2-replication in bronchial epithelium by kinin B2 receptor antagonism. <i>Journal of Molecular Medicine</i> , 2022, 100, 613-627.	1.7	5
9	The priming effect of diesel exhaust on native pollen exposure at the air-liquid interface. <i>Environmental Research</i> , 2022, 211, 112968.	3.7	5
10	Macrophages acquire a TNF-dependent inflammatory memory in allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 2078-2090.	1.5	31
11	Role of Respiratory Epithelial Cells in Allergic Diseases. <i>Cells</i> , 2022, 11, 1387.	1.8	8
12	Allergen Content of Therapeutic Preparations for Allergen-Specific Immunotherapy of European Paper Wasp Venom Allergy. <i>Toxins</i> , 2022, 14, 284.	1.5	7
13	Effect of air filtration on house dust mite, cat and dog allergens and particulate matter in homes. <i>Clinical and Translational Allergy</i> , 2022, 12, e12137.	1.4	7
14	ADAM10 and ADAM17 promote SARS-CoV-2 cell entry and spike protein-mediated lung cell fusion. <i>EMBO Reports</i> , 2022, 23, e54305.	2.0	57
15	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.	2.7	35
16	Spotlight on microRNAs in allergy and asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1661-1678.	2.7	98
17	Inflammatory macrophage memory in nonsteroidal anti-inflammatory drug-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 587-599.	1.5	25
18	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.	2.7	16

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19	CD23 Levels on B Cells Determine Long-Term Therapeutic Response in Patients with Atopic Eczema Treated with Selective IgE Immune Apheresis. <i>Journal of Investigative Dermatology</i> , 2021, 141, 681-685.e6.	0.3	1
20	Marker allergens in Hymenoptera venom allergy: Characteristics and potential use in precision medicine. <i>Allergo Journal International</i> , 2021, 30, 26-38.	0.9	9
21	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.	2.7	21
22	Consequences of climate change on airborne pollen in Bavaria, Central Europe. <i>Regional Environmental Change</i> , 2021, 21, 1.	1.4	26
23	Allergen-specific immunotherapy induces the suppressive secretoglobulin 1A1 in cells of the lower airways. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2461-2474.	2.7	35
24	Constitutive immune activity promotes JNK- and FoxO-dependent remodeling of Drosophila airways. <i>Cell Reports</i> , 2021, 35, 108956.	2.9	22
25	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.	2.7	16
26	Characterization of New Allergens from the Venom of the European Paper Wasp <i>Polistes dominula</i> . <i>Toxins</i> , 2021, 13, 559.	1.5	6
27	Effects of future climate change on birch abundance and their pollen load. <i>Global Change Biology</i> , 2021, 27, 5934-5949.	4.2	33
28	Sputum microRNA-screening reveals Prostaglandin EP3 receptor as selective target in allergen-specific immunotherapy. <i>Clinical and Experimental Allergy</i> , 2021, 51, 1577-1591.	1.4	20
29	Immunocompromised Patients with Therapy-Refractory Chronic Skin Diseases Show Reactivation of Latent Epstein-Barr Virus and Cytomegalovirus Infection. <i>Journal of Investigative Dermatology</i> , 2021, , .	0.3	1
30	Dosing intact birch pollen grains at the air-liquid interface (ALI) to the immortalized human bronchial epithelial cell line BEAS-2B. <i>PLoS ONE</i> , 2021, 16, e0259914.	1.1	5
31	TGF- β 1 Drives Inflammatory Th Cell But Not Treg Cell Compartment Upon Allergen Exposure. <i>Frontiers in Immunology</i> , 2021, 12, 763243.	2.2	13
32	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. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 401-403.e2.	2.0	10
33	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. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 936-940.	2.7	12
34	In-depth phenotyping reveals common and novel disease symptoms in a hemizygous knock-in mouse model (Mut-ko/ki) of mut-type methylmalonic aciduria. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165622.	1.8	12
35	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.	1.3	26
36	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.	2.7	42

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37	An operational robotic pollen monitoring network based on automatic image recognition. <i>Environmental Research</i> , 2020, 191, 110031.	3.7	48
38	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.	2.4	25
39	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.	1.4	33
40	Increased estrogen to androgen ratio enhances immunoglobulin levels and impairs B cell function in male mice. <i>Scientific Reports</i> , 2020, 10, 18334.	1.6	12
41	Predicting Success of Allergen-Specific Immunotherapy. <i>Frontiers in Immunology</i> , 2020, 11, 1826.	2.2	30
42	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.	1.5	14
43	Land-Use and Height of Pollen Sampling Affect Pollen Exposure in Munich, Germany. <i>Atmosphere</i> , 2020, 11, 145.	1.0	26
44	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.	2.7	132
45	An anti-inflammatory eicosanoid switch mediates the suppression of type-2 inflammation by helminth larval products. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	31
46	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.	2.7	23
47	ARIA-Leitlinie 2019: Behandlung der allergischen Rhinitis im deutschen Gesundheitssystem. <i>Allergologie</i> , 2020, 43, 43-72.	0.1	0
48	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.	2.7	26
49	Artemisia pollen is the main vector for airborne endotoxin. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 369-377.e5.	1.5	50
50	Prevalence of Hymenoptera venom allergy and sensitization in the population-representative German KORA cohort. <i>Allergo Journal International</i> , 2019, 28, 183-191.	0.9	16
51	Predicting the start, peak and end of the <i>Betula</i> pollen season in Bavaria, Germany. <i>Science of the Total Environment</i> , 2019, 690, 1299-1309.	3.9	22
52	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.	3.9	40
53	ARIA guideline 2019: treatment of allergic rhinitis in the German health system. <i>Allergo Journal International</i> , 2019, 28, 255-276.	0.9	22
54	Prevalence of Hymenoptera venom allergy and sensitization in the population-representative German KORA cohort. <i>Allergo Journal</i> , 2019, 28, 42-51.	0.1	1

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55	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.	2.7	39
56	Near-ground effect of height on pollen exposure. <i>Environmental Research</i> , 2019, 174, 160-169.	3.7	58
57	<i>IL-4</i> 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.	2.7	33
58	An abbreviated method for the quality control of pollen counters. <i>Grana</i> , 2019, 58, 185-190.	0.4	13
59	Supporting allergen-specific immunotherapy by inhibition of Janus kinases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1814-1816.	2.7	1
60	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.	0.4	17
61	Perspectives in allergen immunotherapy: 2019 and beyond. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 3-25.	2.7	113
62	Spatial interpolation of current airborne pollen concentrations where no monitoring exists. <i>Atmospheric Environment</i> , 2019, 199, 435-442.	1.9	17
63	Current and Future Biomarkers for Allergy and Asthma. , 2019, , 91-94.		0
64	ARIA guideline 2019: treatment of allergic rhinitis in the German health system. <i>Allergologie Select</i> , 2019, 3, 22-50.	1.6	70
65	Activin-A Is a Pro-Inflammatory Regulator in Type-2-Driven Upper Airway Disease. <i>International Archives of Allergy and Immunology</i> , 2018, 176, 15-25.	0.9	5
66	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.	1.6	31
67	Pollen and spore monitoring in the world. <i>Clinical and Translational Allergy</i> , 2018, 8, 9.	1.4	149
68	Type I Immune Response Induces Keratinocyte Necroptosis and Is Associated with Interface Dermatitis. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1785-1794.	0.3	52
69	<i>IRF1</i> SNPs influence the risk for childhood allergic asthma: A critical role for pro-inflammatory immune regulation. <i>Pediatric Allergy and Immunology</i> , 2018, 29, 34-41.	1.1	11
70	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.	1.5	44
71	The Role of Fibroblast Growth Factor-Binding Protein 1 in Skin Carcinogenesis and Inflammation. <i>Journal of Investigative Dermatology</i> , 2018, 138, 179-188.	0.3	23
72	Understanding gene functions and disease mechanisms: Phenotyping pipelines in the German Mouse Clinic. <i>Behavioural Brain Research</i> , 2018, 352, 187-196.	1.2	31

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73	EAACI Guidelines on Allergen Immunotherapy: Allergic rhinoconjunctivitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 765-798.	2.7	473
74	Perspectives in allergen immunotherapy: 2017 and beyond. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 5-23.	2.7	76
75	Sebocytes contribute to skin inflammation by promoting the differentiation of T helper 17 cells. <i>British Journal of Dermatology</i> , 2018, 178, 722-730.	1.4	51
76	Early IL-10 producing B-cells and coinciding Th/Tr17 shifts during three year grass-pollen AIT. <i>EBioMedicine</i> , 2018, 36, 475-488.	2.7	52
77	Biomatrix for upper and lower airway biomarkers in patients with allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1980-1983.	1.5	27
78	Characterization of the honeybee venom proteins C1q-like protein and PVF1 and their allergenic potential. <i>Toxicon</i> , 2018, 150, 198-206.	0.8	6
79	Laboratory mouse housing conditions can be improved using common environmental enrichment without compromising data. <i>PLoS Biology</i> , 2018, 16, e2005019.	2.6	48
80	Next-generation pollen monitoring and dissemination. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1944-1945.	2.7	14
81	Streptozotocin-induced β 2-cell damage, high fat diet, and metformin administration regulate Hes3 expression in the adult mouse brain. <i>Scientific Reports</i> , 2018, 8, 11335.	1.6	5
82	Virus-like particles (VLP) in prophylaxis and immunotherapy of allergic diseases. <i>Allergo Journal International</i> , 2018, 27, 245-255.	0.9	38
83	Biomarker bei der Allergen-Immuntherapie – ein EAACI Positionspapier. <i>Allergologie</i> , 2018, 41, 376-385.	0.1	0
84	Anti-inflammatory effects of the petasin phyto drug e339 are mediated by inhibition of the STAT pathway. <i>BioFactors</i> , 2017, 43, 388-399.	2.6	14
85	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.	2.7	275
86	Biomarkers in Allergic Airway Disease: Simply Complex. <i>Orl</i> , 2017, 79, 72-77.	0.6	6
87	Clinical use of adjuvants in allergen-immunotherapy. <i>Expert Review of Clinical Immunology</i> , 2017, 13, 599-610.	1.3	46
88	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.	1.4	45
89	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.	2.7	233
90	Errors in determining the flow rate of Hirst-type pollen traps. <i>Aerobiologia</i> , 2017, 33, 201-210.	0.7	38

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91	Interaction of 7-Alkoxy coumarins with the Aryl Hydrocarbon Receptor. <i>Journal of Natural Products</i> , 2017, 80, 1939-1943.	1.5	10
92	Allergen-specific immunotherapy of Hymenoptera venom allergy – also a matter of diagnosis. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2467-2481.	1.4	42
93	Cytochrome P450s in human immune cells regulate IL-22 and c-Kit via an AHR feedback loop. <i>Scientific Reports</i> , 2017, 7, 44005.	1.6	30
94	360 Interface Dermatitis is characterized by a type I immune response and an epidermal reaction to IFN- β and TNF- α . <i>Journal of Investigative Dermatology</i> , 2017, 137, S254.	0.3	0
95	489 TLR7/8 agonists stimulate plasmacytoid dendritic cells to initiate a Th17-deviated acute contact dermatitis in humans. <i>Journal of Investigative Dermatology</i> , 2017, 137, S275.	0.3	0
96	Every-other-day feeding extends lifespan but fails to delay many symptoms of aging in mice. <i>Nature Communications</i> , 2017, 8, 155.	5.8	87
97	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.	2.7	44
98	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.	1.5	29
99	Overview: The Paradox of Microbial Impact on the Immune System in Allergy Prevention and Exacerbation. <i>Birkhauser Advances in Infectious Diseases</i> , 2017, , 1-9.	0.3	1
100	EUFOR EA Rhinology Research Forum 2016: report of the brainstorming sessions on needs and priorities in rhinitis and rhinosinusitis. <i>Rhinology</i> , 2017, 55, .	0.7	3
101	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.	1.9	48
102	Specific Surface Modifications of Silica Nanoparticles Diminish Inflammasome Activation and In Vivo Expression of Selected Inflammatory Genes. <i>Nanomaterials</i> , 2017, 7, 355.	1.9	16
103	Improved efficacy of allergen-specific immunotherapy by JAK inhibition in a murine model of allergic asthma. <i>PLoS ONE</i> , 2017, 12, e0178563.	1.1	18
104	Novel key cytokines in allergy: IL-17, IL-22. <i>Allergologie Select</i> , 2017, 1, 71-76.	1.6	4
105	A novel molecular disease classifier for psoriasis and eczema. <i>Experimental Dermatology</i> , 2016, 25, 767-774.	1.4	54
106	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.	1.4	39
107	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.	1.3	13
108	Current and future biomarkers in allergic asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 475-494.	2.7	96

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109	420 Cytochrome P450s are deactivators of the aryl hydrocarbon receptor in human immune cells. <i>Journal of Investigative Dermatology</i> , 2016, 136, S232.	0.3	0
110	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.	1.5	13
111	Allergen immunotherapy for allergic asthma: protocol for a systematic review. <i>Clinical and Translational Allergy</i> , 2016, 6, 5.	1.4	15
112	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.	2.7	47
113	The Use of Adjuvants for Enhancing Allergen Immunotherapy Efficacy. <i>Immunology and Allergy Clinics of North America</i> , 2016, 36, 125-145.	0.7	25
114	Interleukin-4 and interferon- γ orchestrate an epithelial polarization in the airways. <i>Mucosal Immunology</i> , 2016, 9, 917-926.	2.7	81
115	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.	1.5	48
116	Was passiert bei allergischen Entzündungen in den Atemwegen?. <i>Allergologie</i> , 2016, 39, 208-209.	0.1	0
117	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.	2.7	30
118	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.	1.9	34
119	<i>Ambrosia artemisiifolia</i> (ragweed) in Germany – current presence, allergological relevance and containment procedures. <i>Allergo Journal International</i> , 2015, 24, 108-120.	0.9	36
120	Pollen-derived adenosine is a necessary cofactor for ragweed allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 944-954.	2.7	35
121	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.	1.3	20
122	Is parental consanguinity associated with reduced ovarian reserve?. <i>Reproductive BioMedicine Online</i> , 2015, 31, 427-433.	1.1	11
123	Automatic and Online Pollen Monitoring. <i>International Archives of Allergy and Immunology</i> , 2015, 167, 158-166.	0.9	118
124	<sc>EAACI IG</sc> 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.	2.7	98
125	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.	2.5	40
126	Optimizing of the basophil activation test: Comparison of different basophil identification markers. , 2015, 88, 183-189.		22

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127	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.	1.1	111
128	IL-4 induced changes in the Wnt signalling of bronchial epithelial cells. , 2015, , .		0
129	Allergic Contact Dermatitis in Psoriasis Patients: Typical, Delayed, and Non-Interacting. PLoS ONE, 2014, 9, e101814.	1.1	30
130	Intraindividual genome expression analysis reveals a specific molecular signature of psoriasis and eczema. Science Translational Medicine, 2014, 6, 244ra90.	5.8	170
131	Surface modifications of silica nanoparticles are crucial for their inert versus proinflammatory and immunomodulatory properties. International Journal of Nanomedicine, 2014, 9, 2815.	3.3	46
132	Human IL-31 is induced by IL-4 and promotes TH2-driven inflammation. Journal of Allergy and Clinical Immunology, 2013, 132, 446-454.e5.	1.5	147
133	IL-22 suppresses IFN- γ -mediated lung inflammation in asthmatic patients. Journal of Allergy and Clinical Immunology, 2013, 131, 562-570.	1.5	79
134	Local Nasal 'Protective' Immunoglobulin G4 (IgG4) Responses in Nasal Fluid Following Grass Pollen Sublingual Immunotherapy. Journal of Allergy and Clinical Immunology, 2013, 131, AB202.	1.5	2
135	Barrier responses of human bronchial epithelial cells to grass pollen exposure. European Respiratory Journal, 2013, 42, 87-97.	3.1	59
136	High Environmental Ozone Levels Lead to Enhanced Allergenicity of Birch Pollen. PLoS ONE, 2013, 8, e80147.	1.1	147
137	Differential in situ expression of IL-17 in skin diseases. European Journal of Dermatology, 2012, 22, 781-784.	0.3	31
138	Research needs in allergy: an EAACI position paper, in collaboration with EFA. Clinical and Translational Allergy, 2012, 2, 21.	1.4	127
139	Anti-IL-4 as a New Strategy in Allergy. Chemical Immunology and Allergy, 2012, 96, 120-125.	1.7	26
140	Superparamagnetic iron oxide nanoparticles conjugated to a grass pollen allergen and an optical probe. Contrast Media and Molecular Imaging, 2012, 7, 435-439.	0.4	9
141	Reduced γ bet in addition to enhanced σ 6 and σ 3 expressing T cells contribute to human allergen-induced late responses. Clinical and Experimental Allergy, 2012, 42, 891-900.	1.4	13
142	Pollen metabolome analysis reveals adenosine as a major regulator of dendritic cell-primed TH cell responses. Journal of Allergy and Clinical Immunology, 2011, 127, 454-461.e9.	1.5	59
143	Petasol butenoate complex (Ze 339) relieves allergic rhinitis-induced nasal obstruction more effectively than desloratadine. Journal of Allergy and Clinical Immunology, 2011, 127, 1515-1521.e6.	1.5	26
144	FoxP3, GATA β and γ bet expression in elderly asthma. Clinical and Experimental Allergy, 2011, 41, 490-496.	1.4	47

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145	CD28 costimulation regulates FOXP3 in a RelA/NF- κ B-dependent mechanism. <i>European Journal of Immunology</i> , 2011, 41, 503-513.	1.6	30
146	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.	1.6	122
147	Mutual Antagonism of T Cells Causing Psoriasis and Atopic Eczema. <i>New England Journal of Medicine</i> , 2011, 365, 231-238.	13.9	196
148	Neue Schlüsselzytokine in der Allergologie: IL-17, IL-22. <i>Allergologie</i> , 2011, 34, 344-349.	0.1	1
149	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.	1.2	39
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