## **Thomas Werfel**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/875956/publications.pdf

Version: 2024-02-01

109 papers 4,394 citations

32 h-index 62 g-index

114 all docs

114 docs citations

times ranked

114

5199 citing authors

#	Article	IF	CITATIONS
1	Cellular and molecular immunologic mechanisms in patients with atopic dermatitis. Journal of Allergy and Clinical Immunology, 2016, 138, 336-349.	1.5	465
2	International consensus on allergy immunotherapy. Journal of Allergy and Clinical Immunology, 2015, 136, 556-568.	1.5	427
3	Increasing Comorbidities Suggest that Atopic DermatitisÂlsÂaÂSystemic Disorder. Journal of Investigative Dermatology, 2017, 137, 18-25.	0.3	283
4	The Role of Leukocytes, Keratinocytes, and Allergen-Specific IgE in the Development of Atopic Dermatitis. Journal of Investigative Dermatology, 2009, 129, 1878-1891.	0.3	213
5	International Consensus on Allergen Immunotherapy II: Mechanisms, standardization, and pharmacoeconomics. Journal of Allergy and Clinical Immunology, 2016, 137, 358-368.	1.5	199
6	Safety and efficacy of upadacitinib in combination with topical corticosteroids in adolescents and adults with moderate-to-severe atopic dermatitis (AD Up): results from a randomised, double-blind, placebo-controlled, phase 3 trial. Lancet, The, 2021, 397, 2169-2181.	6.3	199
7	Exacerbation of atopic dermatitis on grass pollen exposure in an environmental challenge chamber. Journal of Allergy and Clinical Immunology, 2015, 136, 96-103.e9.	1.5	137
8	IL-33 impacts on the skin barrier by downregulating the expression of filaggrin. Journal of Allergy and Clinical Immunology, 2015, 135, 1659-1661.e4.	1.5	110
9	Guideline contact dermatitis. Allergo Journal International, 2014, 23, 126-138.	0.9	97
10	Effects of structured patient education in adults with atopic dermatitis: Multicenter randomized controlled trial. Journal of Allergy and Clinical Immunology, 2017, 140, 845-853.e3.	1.5	87
11	S3 guidelines: Epicutaneous patch testing with contact allergens and drugs – Short version, Part 1. JDDG - Journal of the German Society of Dermatology, 2019, 17, 1076-1093.	0.4	81
12	Atopic dermatitis displays stable and dynamic skin transcriptome signatures. Journal of Allergy and Clinical Immunology, 2021, 147, 213-223.	1.5	76
13	Pimecrolimus in atopic dermatitis: Consensus on safety and the need to allow use in infants. Pediatric Allergy and Immunology, 2015, 26, 306-315.	1.1	71
14	S3-Guideline on allergy prevention: 2014 update. Allergo Journal International, 2014, 23, 186-199.	0.9	58
15	Efficacy and safety of treatment with omalizumab for chronic spontaneous urticaria: A systematic review for the EAACI Biologicals Guidelines. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 59-70.	2.7	58
16	Severe allergic reactions after COVID-19 vaccination with the Pfizer/BioNTech vaccine in Great Britain and USA. Allergo Journal International, 2021, 30, 51-55.	0.9	55
17	Contact Allergy: A Review of Current Problems from a Clinical Perspective. International Journal of Environmental Research and Public Health, 2018, 15, 1108.	1.2	53
18	The role of the histamine H <sub>4</sub> receptor in atopic dermatitis and psoriasis. British Journal of Pharmacology, 2020, 177, 490-502.	2.7	51

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19	Janus kinase inhibitors for the therapy of atopic dermatitis. Allergologie Select, 2021, 5, 293-304.	1.6	49
20	Anaphylatoxin C3a but not C3a(desArg) is a chemotaxin for the mouse macrophage cell line J774. European Journal of Immunology, 1998, 28, 1570-1577.	1.6	47
21	Detection of anaphylatoxin receptors on CD83+ dendritic cells derived from human skin. Immunology, 2001, 103, 210-217.	2.0	46
22	S3 Guidelines: Epicutaneous patch testing with contact allergens and drugs â€" Short version, Part 2. JDDG - Journal of the German Society of Dermatology, 2019, 17, 1187-1207.	0.4	44
23	α-NAC–Specific Autoreactive CD8+ T Cells in Atopic Dermatitis Are of an Effector Memory Type and Secrete IL-4 and IFN-γ. Journal of Immunology, 2016, 196, 3245-3252.	0.4	42
24	Update of the S2k guideline on the management of IgE-mediated food allergies. Allergologie Select, 2021, 5, 195-243.	1.6	42
25	Efficacy and safety of dupilumab for moderateâ€ŧoâ€severe atopic dermatitis: A systematic review for the EAACI biologicals guidelines. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 45-58.	2.7	41
26	The Diagnosis and Graded Therapy of Atopic Dermatitis. Deutsches Ärzteblatt International, 2014, 111, 509-20, i.	0.6	39
27	The adaptive immune system in atopic dermatitis and implications on therapy. Expert Review of Clinical Immunology, 2016, 12, 787-796.	1.3	39
28	Der p1 and Der p2-Specific T Cells Display a Th2, Th17, and Th2/Th17 Phenotype in Atopic Dermatitis. Journal of Investigative Dermatology, 2015, 135, 2324-2327.	0.3	38
29	Autoallergy in atopic dermatitis. Allergo Journal International, 2015, 24, 16-22.	0.9	36
30	Blood- and skin-derived monocytes/macrophages respond to C3a but not to C3a(desArg) with a transient release of calcium via a pertussis toxin-sensitive signal transduction pathway. European Journal of Immunology, 1997, 27, 2317-2322.	1.6	35
31	RNase 7 Strongly Promotes TLR9-Mediated DNA Sensing by Human Plasmacytoid Dendritic Cells. Journal of Investigative Dermatology, 2018, 138, 872-881.	0.3	35
32	Contact sensitization in dental technicians with occupational contact dermatitis. Data of the Information Network of Departments of Dermatology (IVDK) 2001–2015. Contact Dermatitis, 2018, 78, 266-273.	0.8	34
33	Contact Allergy—Emerging Allergens and Public Health Impact. International Journal of Environmental Research and Public Health, 2020, 17, 2404.	1.2	34
34	Eczema herpeticum in atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3017-3027.	2.7	34
35	Recommendations for pimecrolimus 1% cream in the treatment of mild-to-moderate atopic dermatitis: from medical needs to a new treatment algorithm. European Journal of Dermatology, 2013, 23, 758-766.	0.3	33
36	Cytokines as therapeutic targets in skin inflammation. Cytokine and Growth Factor Reviews, 2014, 25, 443-451.	3.2	33

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37	Association of food allergy and atopic dermatitis exacerbations. Annals of Allergy, Asthma and Immunology, 2016, 116, 334-338.	0.5	33
38	Autoimmunity (or Not) in Atopic Dermatitis. Frontiers in Immunology, 2019, 10, 2128.	2.2	33
39	Severe allergic reactions to the COVID-19 vaccine – statement and practical consequences. Allergologie Select, 2021, 5, 26-28.	1.6	33
40	GATA3 regulates FLG and FLG2 expression in human primary keratinocytes. Scientific Reports, 2017, 7, 11847.	1.6	31
41	The Antimicrobial and Immunomodulatory Function of RNase 7 in Skin. Frontiers in Immunology, 2019, 10, 2553.	2.2	31
42	COVIDâ€19 and implications for dermatological and allergological diseases. JDDG - Journal of the German Society of Dermatology, 2020, 18, 815-824.	0.4	30
43	Cytokine Effects Induced by the Human Autoallergen α-NAC. Journal of Investigative Dermatology, 2014, 134, 1570-1578.	0.3	29
44	Protein-coding variants contribute to the risk of atopic dermatitis and skin-specific gene expression. Journal of Allergy and Clinical Immunology, 2020, 145, 1208-1218.	1.5	29
45	COVID-19 vaccination of patients with allergies and type-2 inflammation with concurrent antibody therapy (biologicals) – A Position Paper of the German Society of Allergology and Clinical Immunology (DGAKI) and the German Society for Applied Allergo. Allergologie Select, 2021, 5, 140-147.	1.6	28
46	Patients with atopic dermatitis and history of eczema herpeticum elicit herpes simplex virus–specific type 2 immune responses. Journal of Allergy and Clinical Immunology, 2018, 141, 1144-1147.e5.	1.5	27
47	Contact sensitization in patients with suspected textile allergy. Data of the <scp>I</scp> nformation <scp>N</scp> etwork of <scp>D</scp> epartments of <scp>D</scp> ermatology ( <scp>IVDK</scp> ) 2007–2014. Contact Dermatitis, 2017, 77, 143-150.	0.8	25
48	Usage and effectiveness of systemic treatments in adults with severe atopic eczema: First results of the German Atopic Eczema Registry TREATgermany. JDDG - Journal of the German Society of Dermatology, 2017, 15, 49-59.	0.4	25
49	EAACI Biologicals Guidelines—dupilumab for children and adults with moderateâ€toâ€severe atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 988-1009.	2.7	24
50	Stimulation of the histamine 4 receptor upregulates thymic stromal lymphopoietin (TSLP) in human and murine keratinocytes. Pharmacological Research, 2016, 113, 209-215.	3.1	22
51	ARIA guideline 2019: treatment of allergic rhinitis in the German health system. Allergo Journal International, 2019, 28, 255-276.	0.9	22
52	Guideline on management of suspected adverse reactions to ingested histamine - Guideline of the German Society for Allergology and Clinical Immunology (DGAKI), the Society for Pediatric Allergology and Environmental Medicine (GPA), the Medical Association. Allergologie Select, 2021, 5, 305-314.	1.6	22
53	Patch test results with the European baseline series, 2019/20—Joint European results of the <scp>ESSCA</scp> and the <scp>EBS</scp> working groups of the <scp>ESCD</scp> , and the <scp>GEIDAC</scp> . Contact Dermatitis, 2022, 87, 343-355.	0.8	22
54	Non-Contact Dermatoscope with Ultra-Bright Light Source and Liquid Lens-Based Autofocus Function. Applied Sciences (Switzerland), 2019, 9, 2177.	1.3	20

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55	Birch pollen influence the severity of atopic eczema & amp; ndash; prospective clinical cohort pilot study and ex vivo penetration study. Clinical, Cosmetic and Investigational Dermatology, 2015, 8, 539.	0.8	19
56	The histamine H4 receptor modulates the differentiation process of human monocyte-derived M1 macrophages and the release of CCL4/MIP- $1\hat{l}^2$ from fully differentiated M1 macrophages. Inflammation Research, 2018, 67, 503-513.	1.6	19
57	EAACI Biologicals Guidelines—Omalizumab for the treatment of chronic spontaneous urticaria in adults and in the paediatric population 12–17Âyears old. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 17-38.	2.7	19
58	Histamine upâ€regulates oncostatin M expression in human M1 macrophages. British Journal of Pharmacology, 2020, 177, 600-613.	2.7	18
59	Approach to suspected food allergy in atopic dermatitis. JDDG - Journal of the German Society of Dermatology, 2009, 7, 265-271.	0.4	17
60	Combined treatment with H1 and H4 receptor antagonists reduces inflammation in a mouse model of atopic dermatitis. Journal of Dermatological Science, 2017, 87, 130-137.	1.0	17
61	The Anaphylatoxin C3a Receptor Expression on Human M2 Macrophages Is Down-Regulated by Stimulating the Histamine H4 Receptor and the IL-4 Receptor. Journal of Innate Immunity, 2018, 10, 349-362.	1.8	17
62	Elevated NK-cell transcriptional signature and dysbalance of resting and activated NK cells in atopic dermatitis. Journal of Allergy and Clinical Immunology, 2021, 147, 1959-1965.e2.	1.5	17
63	Blood transcriptome profiling identifies 2 candidate endotypes of atopic dermatitis. Journal of Allergy and Clinical Immunology, 2022, 150, 385-395.	1.5	17
64	Congenital deficiency reveals critical role of ISG15 in skin homeostasis. Journal of Clinical Investigation, 2022, 132, .	3.9	16
65	Differential cytokine induction by the human skin–associated autoallergen thioredoxin in sensitized patients with atopic dermatitis and healthy control subjects. Journal of Allergy and Clinical Immunology, 2015, 135, 1378-1380.e5.	1.5	15
66	Human Primary Keratinocytes Show Restricted Ability to Up-regulate Suppressor of Cytokine Signaling (SOCS)3 Protein Compared with Autologous Macrophages. Journal of Biological Chemistry, 2012, 287, 9923-9930.	1.6	14
67	Status report on the atopic dermatitis registry TREATgermany. Allergologie Select, 2021, 5, 274-286.	1.6	14
68	Is allergy immunotherapy with birch sufficient to treat patients allergic to pollen of tree species of the birch homologous group?. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1327-1336.	2.7	13
69	Biologics for atopic diseases: Indication, side effect management, and new developments. Allergologie Select, 2021, 5, 1-25.	1.6	13
70	Specific T cells targeting <i>Staphylococcus aureus</i> fibronectinâ€binding protein 1 induce a type 2/type 1 inflammatory response in sensitized atopic dermatitis patients. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1245-1253.	2.7	13
71	A negative breakdown test in a fragrance mix lâ€positive patient does not rule out contact allergy to its fragrance constituents. Contact Dermatitis, 2021, 84, 407-418.	0.8	11
72	Histamine Increases Th2 Cytokine-Induced CCL18 Expression in Human M2 Macrophages. International Journal of Molecular Sciences, 2021, 22, 11648.	1.8	11

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73	RNase 7 Promotes Sensing of Self-DNA by Human Keratinocytes and Activates an Antiviral Immune Response. Journal of Investigative Dermatology, 2020, 140, 1589-1598.e3.	0.3	10
74	Unmet medical needs in the treatment of atopic dermatitis in infants: An Expert consensus on safety and efficacy of pimecrolimus. Pediatric Allergy and Immunology, 2021, 32, 414-424.	1.1	10
75	German S1 guideline: Contact dermatitis. JDDG - Journal of the German Society of Dermatology, 2022, 20, 712-734.	0.4	10
76	An integrated analysis of herpes virus infections from eight randomized clinical studies of baricitinib in adults with moderateâ€toâ€severe atopic dermatitis. Journal of the European Academy of Dermatology and Venereology, 2022, 36, 1486-1496.	1.3	10
77	The H <sub>4</sub> R is highly expressed on eosinophils from AD patients and ILâ€4 upregulates expression and function via the JAK/STAT pathway. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1261-1264.	2.7	9
78	COVID-19 vaccination and allergen immunotherapy (AIT) - A position paper of the German Society for Applied Allergology (AeDA) and the German Society for Allergology and Clinical Immunology (DGAKI). Allergologie Select, 2021, 5, 251-259.	1.6	9
79	Tâ€cell receptor sequencing specifies psoriasis as a systemic and atopic dermatitis as a skinâ€focused, allergenâ€driven disease. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2737-2747.	2.7	9
80	Histamine H2 receptor stimulation upregulates T H 2 chemokine CCL17 production in human M2a macrophages. Journal of Allergy and Clinical Immunology, 2018, 141, 782-785.e5.	1.5	8
81	Occupational contact dermatitis in painters and varnishers: Data from the <scp>Information Network of Departments of Dermatology</scp> ( <scp>IVDK</scp> ), 2000 to 2019. Contact Dermatitis, 2021, 85, 494-502.	0.8	8
82	Dupilumab in eosinophilic cellulitis (Wellsâ $\in$ <sup>TM</sup> syndrome) â $\in$ " case report of a potential new treatment option. JDDG - Journal of the German Society of Dermatology, 2021, 19, 1653-1655.	0.4	8
83	Atopic Eczema: Pathophysiological Findings as the Beginning of a New Era of Therapeutic Options. Handbook of Experimental Pharmacology, 2021, 268, 101-115.	0.9	8
84	Topical use of pimecrolimus in atopic dermatitis: Update on the safety and efficacy. JDDG - Journal of the German Society of Dermatology, 2009, 7, 739-742.	0.4	7
85	Platelet-activating factor decreases skin keratinocyte tight junction barrier integrity. Journal of Allergy and Clinical Immunology, 2016, 138, 1725-1728.e3.	1.5	7
86	Course of respiratory allergy by treatment strategy based on German routine data. Allergo Journal International, 2017, 26, 195-203.	0.9	7
87	Impact of increasing treatment rates on cost-effectiveness of subcutaneous immunotherapy (SCIT) in respiratory allergy: a decision analytic modelling approach. European Journal of Health Economics, 2018, 19, 1229-1242.	1.4	7
88	Indirect Treatment Comparison of Baricitinib versus Dupilumab in Adults with Moderate-to-Severe Atopic Dermatitis. Dermatology and Therapy, 2022, 12, 1481-1491.	1.4	7
89	Efficacy of T-cell transcription factor–specific DNAzymes in murine skin inflammation models. Journal of Allergy and Clinical Immunology, 2016, 137, 644-647.e8.	1.5	6
90	Stimulation of histamine H 4 receptors increases the production of ILâ€9 in Th9 polarized cells. British Journal of Pharmacology, 2020, 177, 614-622.	2.7	6

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91	Patch test results in patients with suspected contact allergy to shoes: Retrospective <scp>IVDK</scp> data analysis 2009–2018. Contact Dermatitis, 2021, 85, 297-306.	0.8	6
92	Expression of histamine receptors H2R and H4R areÂpredominantly regulated via the ILâ€4/ILâ€13 receptor type IlÂon human M2 macrophages. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2886-2890.	2.7	6
93	Genetic variations within the promotor region of the human histamine H4 receptor gene in psoriasis patients. Pharmacological Research, 2016, 114, 121-127.	3.1	5
94	Mueller Matrix Analysis of Collagen and Gelatin Containing Samples Towards More Objective Skin Tissue Diagnostics. Polymers, 2020, 12, 1400.	2.0	5
95	Online survey to identify current challenges in atopic dermatitis management and guideline implementation in German-speaking countries. European Journal of Dermatology, 2021, 31, 806-812.	0.3	5
96	Inflammatory marker analysis in psoriatic skin under topical phosphodiesterase 4 inhibitor treatment. Journal of Allergy and Clinical Immunology, 2017, 140, 1184-1187.e8.	1.5	4
97	Health care situation in patients with allergic respiratory diseases with special focus on specific immunotherapy. Allergo Journal International, 2021, 30, 39-45.	0.9	3
98	Free human DNA attenuates the activity of antimicrobial peptides in atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3145-3154.	2.7	3
99	Assessment of the effects of a work-related allergy to seafood on the reduction of earning capacity in the context of BK No. 5101. Allergologie Select, 2021, 5, 33-44.	1.6	3
100	Treatment Approaches to Food Allergy. Handbook of Experimental Pharmacology, 2021, 268, 173-193.	0.9	3
101	Perception of the coronavirus pandemic by patients with atopic dermatitis – Results from the TREATgermany registry. JDDG - Journal of the German Society of Dermatology, 2022, 20, 45-57.	0.4	3
102	Care with allergen immunotherapy for allergic respiratory diseases in Germany – Predictors and deficits. Clinical and Experimental Allergy, 2022, , .	1.4	3
103	C3a and Its Receptor C3aR Are Detectable in Normal Human Epidermal Keratinocytes and Are Differentially Regulated via TLR3 and LL37. Journal of Innate Immunity, 2021, 13, 164-178.	1.8	2
104	Comprehensive Approach: Current Status on Patient Education in Atopic Dermatitis and Other Allergic Diseases. Handbook of Experimental Pharmacology, 2021, 268, 487-500.	0.9	2
105	The role of specific immunotherapy (SIT) in atopic dermatitis. Drugs of Today, 2008, 44 Suppl B, 47-9.	0.7	2
106	Histamine downâ€regulates the FCERI αâ€chain expression in human ILâ€4â€activated M2 macrophages. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1250-1254.	2.7	1
107	Precision medicine reaching out to the patients in allergology – a German-Japanese workshop report. Allergologie Select, 2021, 5, 162-179.	1.6	1
108	Microarray Analysis Confirms ImmunoCAP-Fluorescence Enzyme Immunoassay Results on Specific IgE in Patients with Atopic Dermatitis and Suspected Birch Pollen-Related Food Allergy. International Archives of Allergy and Immunology, 2022, 183, 814-823.	0.9	1

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109	An <scp>AlM</scp> 2 inflammasome is active in human keratinocytes : Response to letter from Dombrowski etÂal.: Comment on Kopfnagel etÂal. <i>Exp Dermatol</i> . 2011 Dec; 20(12):1027–9. Experimental Dermatology, 2012, 21, 475-476.	1.4	O