

# Thomas Werfel

## List of Publications by Year in descending order

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Version: 2024-02-01

109  
papers

4,394  
citations

136950

32  
h-index

118850

62  
g-index

114  
all docs

114  
docs citations

114  
times ranked

5199  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular and molecular immunologic mechanisms in patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 336-349.	2.9	465
2	International consensus on allergy immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 556-568.	2.9	427
3	Increasing Comorbidities Suggest that Atopic Dermatitis is a Systemic Disorder. <i>Journal of Investigative Dermatology</i> , 2017, 137, 18-25.	0.7	283
4	The Role of Leukocytes, Keratinocytes, and Allergen-Specific IgE in the Development of Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1878-1891.	0.7	213
5	International Consensus on Allergen Immunotherapy II: Mechanisms, standardization, and pharmacoconomics. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 358-368.	2.9	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. <i>Lancet, The</i> , 2021, 397, 2169-2181.	13.7	199
7	Exacerbation of atopic dermatitis on grass pollen exposure in an environmental challenge chamber. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 96-103.e9.	2.9	137
8	IL-33 impacts on the skin barrier by downregulating the expression of filaggrin. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1659-1661.e4.	2.9	110
9	Guideline contact dermatitis. <i>Allergo Journal International</i> , 2014, 23, 126-138.	2.0	97
10	Effects of structured patient education in adults with atopic dermatitis: Multicenter randomized controlled trial. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 845-853.e3.	2.9	87
11	S3 guidelines: Epicutaneous patch testing with contact allergens and drugs – Short version, Part 1. <i>JDDG - Journal of the German Society of Dermatology</i> , 2019, 17, 1076-1093.	0.8	81
12	Atopic dermatitis displays stable and dynamic skin transcriptome signatures. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 213-223.	2.9	76
13	Pimecrolimus in atopic dermatitis: Consensus on safety and the need to allow use in infants. <i>Pediatric Allergy and Immunology</i> , 2015, 26, 306-315.	2.6	71
14	S3-Guideline on allergy prevention: 2014 update. <i>Allergo Journal International</i> , 2014, 23, 186-199.	2.0	58
15	Efficacy and safety of treatment with omalizumab for chronic spontaneous urticaria: A systematic review for the EAACI Biologicals Guidelines. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 59-70.	5.7	58
16	Severe allergic reactions after COVID-19 vaccination with the Pfizer/BioNTech vaccine in Great Britain and USA. <i>Allergo Journal International</i> , 2021, 30, 51-55.	2.0	55
17	Contact Allergy: A Review of Current Problems from a Clinical Perspective. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1108.	2.6	53
18	The role of the histamine H <sub>4</sub> receptor in atopic dermatitis and psoriasis. <i>British Journal of Pharmacology</i> , 2020, 177, 490-502.	5.4	51

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19	Janus kinase inhibitors for the therapy of atopic dermatitis. <i>Allergologie Select</i> , 2021, 5, 293-304.	3.1	49
20	Anaphylatoxin C3a but not C3a(desArg) is a chemotaxin for the mouse macrophage cell line J774. <i>European Journal of Immunology</i> , 1998, 28, 1570-1577.	2.9	47
21	Detection of anaphylatoxin receptors on CD83+ dendritic cells derived from human skin. <i>Immunology</i> , 2001, 103, 210-217.	4.4	46
22	S3 Guidelines: Epicutaneous patch testing with contact allergens and drugs – Short version, Part 2. <i>JDDG - Journal of the German Society of Dermatology</i> , 2019, 17, 1187-1207.	0.8	44
23	IL-17A-Specific Autoreactive CD8+ T Cells in Atopic Dermatitis Are of an Effector Memory Type and Secrete IL-4 and IFN- $\gamma$ . <i>Journal of Immunology</i> , 2016, 196, 3245-3252.	0.8	42
24	Update of the S2k guideline on the management of IgE-mediated food allergies. <i>Allergologie Select</i> , 2021, 5, 195-243.	3.1	42
25	Efficacy and safety of dupilumab for moderate-to-severe atopic dermatitis: A systematic review for the EAACI biologicals guidelines. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 45-58.	5.7	41
26	The Diagnosis and Graded Therapy of Atopic Dermatitis. <i>Deutsches Ärzteblatt International</i> , 2014, 111, 509-20, i.	0.9	39
27	The adaptive immune system in atopic dermatitis and implications on therapy. <i>Expert Review of Clinical Immunology</i> , 2016, 12, 787-796.	3.0	39
28	Der p1 and Der p2-Specific T Cells Display a Th2, Th17, and Th2/Th17 Phenotype in Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2324-2327.	0.7	38
29	Autoallergy in atopic dermatitis. <i>Allergo Journal International</i> , 2015, 24, 16-22.	2.0	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. <i>European Journal of Immunology</i> , 1997, 27, 2317-2322.	2.9	35
31	RNase 7 Strongly Promotes TLR9-Mediated DNA Sensing by Human Plasmacytoid Dendritic Cells. <i>Journal of Investigative Dermatology</i> , 2018, 138, 872-881.	0.7	35
32	Contact sensitization in dental technicians with occupational contact dermatitis. Data of the Information Network of Departments of Dermatology (IVDK) 2001-2015. <i>Contact Dermatitis</i> , 2018, 78, 266-273.	1.4	34
33	Contact Allergy – Emerging Allergens and Public Health Impact. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2404.	2.6	34
34	Eczema herpeticum in atopic dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3017-3027.	5.7	34
35	Recommendations for pimecrolimus 1% cream in the treatment of mild-to-moderate atopic dermatitis: from medical needs to a new treatment algorithm. <i>European Journal of Dermatology</i> , 2013, 23, 758-766.	0.6	33
36	Cytokines as therapeutic targets in skin inflammation. <i>Cytokine and Growth Factor Reviews</i> , 2014, 25, 443-451.	7.2	33

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37	Association of food allergy and atopic dermatitis exacerbations. <i>Annals of Allergy, Asthma and Immunology</i> , 2016, 116, 334-338.	1.0	33
38	Autoimmunity (or Not) in Atopic Dermatitis. <i>Frontiers in Immunology</i> , 2019, 10, 2128.	4.8	33
39	Severe allergic reactions to the COVID-19 vaccine â€” statement and practical consequences. <i>Allergologie Select</i> , 2021, 5, 26-28.	3.1	33
40	GATA3 regulates FLG and FLG2 expression in human primary keratinocytes. <i>Scientific Reports</i> , 2017, 7, 11847.	3.3	31
41	The Antimicrobial and Immunomodulatory Function of RNase 7 in Skin. <i>Frontiers in Immunology</i> , 2019, 10, 2553.	4.8	31
42	COVID-19 and implications for dermatological and allergological diseases. <i>JDDG - Journal of the German Society of Dermatology</i> , 2020, 18, 815-824.	0.8	30
43	Cytokine Effects Induced by the Human Autoallergen Î±-NAC. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1570-1578.	0.7	29
44	Protein-coding variants contribute to the risk of atopic dermatitis and skin-specific gene expression. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1208-1218.	2.9	29
45	COVID-19 vaccination of patients with allergies and type-2 inflammation with concurrent antibody therapy (biologics) â€” A Position Paper of the German Society of Allergology and Clinical Immunology (DGAKI) and the German Society for Applied Allergo. <i>Allergologie Select</i> , 2021, 5, 140-147.	3.1	28
46	Patients with atopic dermatitis and history of eczema herpeticum elicit herpes simplex virus-specific type 2 immune responses. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1144-1147.e5.	2.9	27
47	Contact sensitization in patients with suspected textile allergy. Data of the <sc>I</sc>nformation <sc>N</sc>etwork of <sc>D</sc>epartments of <sc>D</sc>ermatology (<sc>IVDK</sc>) 2007â€”2014. <i>Contact Dermatitis</i> , 2017, 77, 143-150.	1.4	25
48	Usage and effectiveness of systemic treatments in adults with severe atopic eczema: First results of the German Atopic Eczema Registry TREATgermany. <i>JDDG - Journal of the German Society of Dermatology</i> , 2017, 15, 49-59.	0.8	25
49	EAACI Biologicals Guidelinesâ€”dupilumab for children and adults with moderateâ€”severe atopic dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 988-1009.	5.7	24
50	Stimulation of the histamine 4 receptor upregulates thymic stromal lymphopoietin (TSLP) in human and murine keratinocytes. <i>Pharmacological Research</i> , 2016, 113, 209-215.	7.1	22
51	ARIA guideline 2019: treatment of allergic rhinitis in the German health system. <i>Allergo Journal International</i> , 2019, 28, 255-276.	2.0	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 Allergy and Environmental Medicine (GPA), the Medical Association. <i>Allergologie Select</i> , 2021, 5, 305-314.	3.1	22
53	Patch test results with the European baseline series, 2019/20â€”Joint European results of the <sc>ESSCA</sc> and the <sc>EBS</sc> working groups of the <sc>ESCD</sc>, and the <sc>GEIDAC</sc>. <i>Contact Dermatitis</i> , 2022, 87, 343-355.	1.4	22
54	Non-Contact Dermatoscope with Ultra-Bright Light Source and Liquid Lens-Based Autofocus Function. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2177.	2.5	20

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55	Birch pollen influence the severity of atopic eczema &ndash; prospective clinical cohort pilot study and ex vivo penetration study. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2015, 8, 539.	1.8	19
56	The histamine H4 receptor modulates the differentiation process of human monocyte-derived M1 macrophages and the release of CCL4/MIP-1Î² from fully differentiated M1 macrophages. <i>Inflammation Research</i> , 2018, 67, 503-513.	4.0	19
57	EAACI Biologicals Guidelinesâ€”Omalizumab for the treatment of chronic spontaneous urticaria in adults and in the paediatric population 12â€”17years old. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 17-38.	5.7	19
58	Histamine upâ€”regulates oncostatin M expression in human M1 macrophages. <i>British Journal of Pharmacology</i> , 2020, 177, 600-613.	5.4	18
59	Approach to suspected food allergy in atopic dermatitis. <i>JDDG - Journal of the German Society of Dermatology</i> , 2009, 7, 265-271.	0.8	17
60	Combined treatment with H1 and H4 receptor antagonists reduces inflammation in a mouse model of atopic dermatitis. <i>Journal of Dermatological Science</i> , 2017, 87, 130-137.	1.9	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. <i>Journal of Innate Immunity</i> , 2018, 10, 349-362.	3.8	17
62	Elevated NK-cell transcriptional signature and dysbalance of resting and activated NK cells in atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1959-1965.e2.	2.9	17
63	Blood transcriptome profiling identifies 2 candidate endotypes of atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 385-395.	2.9	17
64	Congenital deficiency reveals critical role of ISG15 in skin homeostasis. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	16
65	Differential cytokine induction by the human skinâ€”associated autoallergen thioredoxin in sensitized patients with atopic dermatitis and healthy control subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1378-1380.e5.	2.9	15
66	Human Primary Keratinocytes Show Restricted Ability to Up-regulate Suppressor of Cytokine Signaling (SOCS)3 Protein Compared with Autologous Macrophages. <i>Journal of Biological Chemistry</i> , 2012, 287, 9923-9930.	3.4	14
67	Status report on the atopic dermatitis registry TREATgermany. <i>Allergologie Select</i> , 2021, 5, 274-286.	3.1	14
68	Is allergy immunotherapy with birch sufficient to treat patients allergic to pollen of tree species of the birch homologous group?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1327-1336.	5.7	13
69	Biologics for atopic diseases: Indication, side effect management, and new developments. <i>Allergologie Select</i> , 2021, 5, 1-25.	3.1	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. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1245-1253.	5.7	13
71	A negative breakdown test in a fragrance mix lâ€”positive patient does not rule out contact allergy to its fragrance constituents. <i>Contact Dermatitis</i> , 2021, 84, 407-418.	1.4	11
72	Histamine Increases Th2 Cytokine-Induced CCL18 Expression in Human M2 Macrophages. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11648.	4.1	11

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73	RNase 7 Promotes Sensing of Self-DNA by Human Keratinocytes and Activates an Antiviral Immune Response. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1589-1598.e3.	0.7	10
74	Unmet medical needs in the treatment of atopic dermatitis in infants: An Expert consensus on safety and efficacy of pimecrolimus. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 414-424.	2.6	10
75	German S1 guideline: Contact dermatitis. <i>JDDG - Journal of the German Society of Dermatology</i> , 2022, 20, 712-734.	0.8	10
76	An integrated analysis of herpes virus infections from eight randomized clinical studies of baricitinib in adults with moderate-to-severe atopic dermatitis. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2022, 36, 1486-1496.	2.4	10
77	The H <sub>4</sub> is highly expressed on eosinophils from AD patients and IL-4 upregulates expression and function via the JAK/STAT pathway. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1261-1264.	5.7	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). <i>Allergologie Select</i> , 2021, 5, 251-259.	3.1	9
79	T-cell receptor sequencing specifies psoriasis as a systemic and atopic dermatitis as a skin-focused, allergen-driven disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2737-2747.	5.7	9
80	Histamine H2 receptor stimulation upregulates TH2 chemokine CCL17 production in human M2a macrophages. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 782-785.e5.	2.9	8
81	Occupational contact dermatitis in painters and varnishers: Data from the Information Network of Departments of Dermatology (IVDK), 2000 to 2019. <i>Contact Dermatitis</i> , 2021, 85, 494-502.	1.4	8
82	Dupilumab in eosinophilic cellulitis (Wells™ syndrome) – case report of a potential new treatment option. <i>JDDG - Journal of the German Society of Dermatology</i> , 2021, 19, 1653-1655.	0.8	8
83	Atopic Eczema: Pathophysiological Findings as the Beginning of a New Era of Therapeutic Options. <i>Handbook of Experimental Pharmacology</i> , 2021, 268, 101-115.	1.8	8
84	Topical use of pimecrolimus in atopic dermatitis: Update on the safety and efficacy. <i>JDDG - Journal of the German Society of Dermatology</i> , 2009, 7, 739-742.	0.8	7
85	Platelet-activating factor decreases skin keratinocyte tight junction barrier integrity. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1725-1728.e3.	2.9	7
86	Course of respiratory allergy by treatment strategy based on German routine data. <i>Allergo Journal International</i> , 2017, 26, 195-203.	2.0	7
87	Impact of increasing treatment rates on cost-effectiveness of subcutaneous immunotherapy (SCIT) in respiratory allergy: a decision analytic modelling approach. <i>European Journal of Health Economics</i> , 2018, 19, 1229-1242.	2.8	7
88	Indirect Treatment Comparison of Baricitinib versus Dupilumab in Adults with Moderate-to-Severe Atopic Dermatitis. <i>Dermatology and Therapy</i> , 2022, 12, 1481-1491.	3.0	7
89	Efficacy of T-cell transcription factor-specific DNazymes in murine skin inflammation models. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 644-647.e8.	2.9	6
90	Stimulation of histamine H4 receptors increases the production of IL-9 in Th9 polarized cells. <i>British Journal of Pharmacology</i> , 2020, 177, 614-622.	5.4	6

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91	Patch test results in patients with suspected contact allergy to shoes: Retrospective <sc>IVDK</sc> data analysis 2009â€“2018. Contact Dermatitis, 2021, 85, 297-306.	1.4	6
92	Expression of histamine receptors H2R and H4R are predominantly regulated via the IL-13 receptor type II on human M2 macrophages. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2886-2890.	5.7	6
93	Genetic variations within the promotor region of the human histamine H4 receptor gene in psoriasis patients. Pharmacological Research, 2016, 114, 121-127.	7.1	5
94	Mueller Matrix Analysis of Collagen and Gelatin Containing Samples Towards More Objective Skin Tissue Diagnostics. Polymers, 2020, 12, 1400.	4.5	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.	0.6	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.	2.9	4
97	Health care situation in patients with allergic respiratory diseases with special focus on specific immunotherapy. Allergo Journal International, 2021, 30, 39-45.	2.0	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.	5.7	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.	3.1	3
100	Treatment Approaches to Food Allergy. Handbook of Experimental Pharmacology, 2021, 268, 173-193.	1.8	3
101	Perception of the coronavirus pandemic by patients with atopic dermatitis â€“ Results from the TREATgermany registry. JDDG - Journal of the German Society of Dermatology, 2022, 20, 45-57.	0.8	3
102	Care with allergen immunotherapy for allergic respiratory diseases in Germany â€“ Predictors and deficits. Clinical and Experimental Allergy, 2022, , .	2.9	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.	3.8	2
104	Comprehensive Approach: Current Status on Patient Education in Atopic Dermatitis and Other Allergic Diseases. Handbook of Experimental Pharmacology, 2021, 268, 487-500.	1.8	2
105	The role of specific immunotherapy (SIT) in atopic dermatitis. Drugs of Today, 2008, 44 Suppl B, 47-9.	1.1	2
106	Histamine downregulates the FCER1Î± chain expression in human IL-4-activated M2 macrophages. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1250-1254.	5.7	1
107	Precision medicine reaching out to the patients in allergology â€“ a German-Japanese workshop report. Allergologie Select, 2021, 5, 162-179.	3.1	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.	2.1	1

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109	An AIM2 inflammasome is active in human keratinocytes : Response to letter from Dombrowski et al.: Comment on Kopfnagel et al. <i>Exp Dermatol</i> . 2011 Dec; 20(12):1027-9. <i>Experimental Dermatology</i> , 2012, 21, 475-476.	2.9	0