

# Stephan Weidinger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9069419/publications.pdf>

Version: 2024-02-01

214  
papers

25,216  
citations

8755

75  
h-index

7518

151  
g-index

229  
all docs

229  
docs citations

229  
times ranked

25467  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Secukinumab in Plaque Psoriasis – Results of Two Phase 3 Trials. <i>New England Journal of Medicine</i> , 2014, 371, 326-338.   | 27.0 | 1,675     |
| 2  | Atopic dermatitis. <i>Lancet</i> , The, 2016, 387, 1109-1122.   | 13.7 | 1,457     |
| 3  | Atopic dermatitis. <i>Nature Reviews Disease Primers</i> , 2018, 4, 1.  | 30.5 | 1,140     |
| 4  | Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. <i>Nature Genetics</i> , 2012, 44, 1341-1348.  | 21.4 | 848       |
| 5  | Atopic dermatitis. <i>Lancet</i> , The, 2020, 396, 345-360.   | 13.7 | 833       |
| 6  | Tobacco Smoking Leads to Extensive Genome-Wide Changes in DNA Methylation. <i>PLoS ONE</i> , 2013, 8, e63812.   | 2.5  | 694       |
| 7  | Analysis of five chronic inflammatory diseases identifies 27 new associations and highlights disease-specific patterns at shared loci. <i>Nature Genetics</i> , 2016, 48, 510-518.  | 21.4 | 617       |
| 8  | Tight junction defects in patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 773-786.e7.   | 2.9  | 576       |
| 9  | Loss-of-function variations within the filaggrin gene predispose for atopic dermatitis with allergic sensitizations. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 214-219.  | 2.9  | 567       |
| 10 | Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2015, 47, 1449-1456.  | 21.4 | 529       |
| 11 | Atopic Diseases, Allergic Sensitization, and Exposure to Traffic-related Air Pollution in Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 1331-1337.   | 5.6  | 498       |
| 12 | Shared genetic origin of asthma, hay fever and eczema elucidates allergic disease biology. <i>Nature Genetics</i> , 2017, 49, 1752-1757.  | 21.4 | 432       |
| 13 | Diagnosis and treatment of atopic dermatitis in children and adults: European Academy of Allergology and Clinical Immunology/American Academy of Allergy, Asthma and Immunology/PRACTALL Consensus Report. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 969-987. | 5.7  | 431       |
| 14 | Diagnosis and treatment of atopic dermatitis in children and adults: European Academy of Allergology and Clinical Immunology/American Academy of Allergy, Asthma and Immunology/PRACTALL Consensus Report. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 152-169.                  | 2.9  | 419       |
| 15 | Filaggrin mutations, atopic eczema, hay fever, and asthma in children. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 1203-1209.e1.   | 2.9  | 380       |
| 16 | Meta-analysis of filaggrin polymorphisms in eczema and asthma: Robust risk factors in atopic disease. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 1361-1370.e7.  | 2.9  | 374       |
| 17 | Genome-wide association study identifies a psoriasis susceptibility locus at TRAF3IP2. <i>Nature Genetics</i> , 2010, 42, 991-995.  | 21.4 | 331       |
| 18 | Discovery of Sexual Dimorphisms in Metabolic and Genetic Biomarkers. <i>PLoS Genetics</i> , 2011, 7, e1002215.  | 3.5  | 328       |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Genome-wide association analysis identifies three psoriasis susceptibility loci. <i>Nature Genetics</i> , 2010, 42, 1000-1004.  | 21.4 | 313       |
| 20 | Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2012, 44, 187-192.  | 21.4 | 311       |
| 21 | A common variant on chromosome 11q13 is associated with atopic dermatitis. <i>Nature Genetics</i> , 2009, 41, 596-601.  | 21.4 | 297       |
| 22 | Stratum corneum lipids, skin barrier function and filaggrin mutations in patients with atopic eczema. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2010, 65, 911-918.  | 5.7  | 295       |
| 23 | Combined Analysis of Genome-wide Association Studies for Crohn Disease and Psoriasis Identifies Seven Shared Susceptibility Loci. <i>American Journal of Human Genetics</i> , 2012, 90, 636-647.  | 6.2  | 290       |
| 24 | Atopic Dermatitis Is an IL-13â€“Dominant Disease with Greater Molecular Heterogeneity Compared to Psoriasis. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1480-1489.  | 0.7  | 283       |
| 25 | Loss-of-Function Mutations in the Filaggrin Gene and Allergic Contact Sensitization to Nickel. <i>Journal of Investigative Dermatology</i> , 2008, 128, 1430-1435.  | 0.7  | 258       |
| 26 | Genome-Wide Scan on Total Serum IgE Levels Identifies FCER1A as Novel Susceptibility Locus. <i>PLoS Genetics</i> , 2008, 4, e1000166.   | 3.5  | 255       |
| 27 | Large scale meta-analysis characterizes genetic architecture for common psoriasis associated variants. <i>Nature Communications</i> , 2017, 8, 15382.   | 12.8 | 251       |
| 28 | Genome-wide Association Analysis of Psoriatic Arthritis and Cutaneous Psoriasis Reveals Differences in Their Genetic Architecture. <i>American Journal of Human Genetics</i> , 2015, 97, 816-836.   | 6.2  | 245       |
| 29 | Proliferative action of mast-cell tryptase is mediated by PAR2, COX2, prostaglandins, and PPARÂˆ: Possible relevance to human fibrotic disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15072-15077. | 7.1  | 235       |
| 30 | Filaggrin Mutations Strongly Predispose to Early-Onset and Extrinsic Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2007, 127, 724-726.   | 0.7  | 228       |
| 31 | Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. <i>Nature Genetics</i> , 2013, 45, 902-906.  | 21.4 | 221       |
| 32 | ETFAD/EADV Eczema task force 2020 position paper on diagnosis and treatment of atopic dermatitis in adults and children. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 2717-2744.   | 2.4  | 220       |
| 33 | Toward a major risk factor for atopic eczema: Meta-analysis of filaggrin polymorphism data. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 1406-1412.   | 2.9  | 211       |
| 34 | A genome-wide association study of atopic dermatitis identifies loci with overlapping effects on asthma and psoriasis. <i>Human Molecular Genetics</i> , 2013, 22, 4841-4856.   | 2.9  | 202       |
| 35 | Genome-wide association study identifies two new susceptibility loci for atopic dermatitis in the Chinese Han population. <i>Nature Genetics</i> , 2011, 43, 690-694.   | 21.4 | 199       |
| 36 | Mutual Antagonism of T Cells Causing Psoriasis and Atopic Eczema. <i>New England Journal of Medicine</i> , 2011, 365, 231-238.  | 27.0 | 196       |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 37 | Biomarkers for atopic dermatitis. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2015, 15, 453-460.   | 2.3  | 185       |
| 38 | Association of NOD1 polymorphisms with atopic eczema and related phenotypes. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 177-184.   | 2.9  | 174       |
| 39 | Tralokinumab plus topical corticosteroids for the treatment of moderate-to-severe atopic dermatitis: results from the double-blind, randomized, multicentre, placebo-controlled phase III ECZTRA 3 trial*. <i>British Journal of Dermatology</i> , 2021, 184, 450-463. | 1.5  | 174       |
| 40 | Atopic dermatitis in the pediatric population. <i>Annals of Allergy, Asthma and Immunology</i> , 2021, 126, 417-428.e2.  | 1.0  | 170       |
| 41 | Towards global consensus on outcome measures for atopic eczema research: results of the HOME II meeting. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 1111-1117.  | 5.7  | 169       |
| 42 | High-density genotyping study identifies four new susceptibility loci for atopic dermatitis. <i>Nature Genetics</i> , 2013, 45, 808-812.   | 21.4 | 167       |
| 43 | Atopic dermatitis is associated with an increased risk for rheumatoid arthritis and inflammatory bowel disease, and a decreased risk for type 1 diabetes. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 130-136.                                      | 2.9  | 166       |
| 44 | Putative association of a TLR9 promoter polymorphism with atopic eczema. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2007, 62, 766-772.  | 5.7  | 164       |
| 45 | Genome-wide Comparative Analysis of Atopic Dermatitis and Psoriasis Gives Insight into Opposing Genetic Mechanisms. <i>American Journal of Human Genetics</i> , 2015, 96, 104-120.   | 6.2  | 163       |
| 46 | Enhanced meta-analysis and replication studies identify five new psoriasis susceptibility loci. <i>Nature Communications</i> , 2015, 6, 7001.  | 12.8 | 156       |
| 47 | Atopic dermatitis: the skin barrier and beyond. <i>British Journal of Dermatology</i> , 2019, 180, 464-474.  | 1.5  | 156       |
| 48 | Genome-wide meta-analysis identifies multiple novel associations and ethnic heterogeneity of psoriasis susceptibility. <i>Nature Communications</i> , 2015, 6, 6916.   | 12.8 | 154       |
| 49 | A genome-wide association study of plasma total IgE concentrations in the Framingham Heart Study. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 840-845.e21.  | 2.9  | 148       |
| 50 | Meta-analysis identifies seven susceptibility loci involved in the atopic march. <i>Nature Communications</i> , 2015, 6, 8804.   | 12.8 | 148       |
| 51 | Low-dose anti-IgE therapy in patients with atopic eczema with high serum IgE levels. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 1223-1225.   | 2.9  | 144       |
| 52 | Psychoendocrine and psychoneuroimmunological mechanisms in the comorbidity of atopic eczema and attention deficit/hyperactivity disorder. <i>Psychoneuroendocrinology</i> , 2013, 38, 12-23.   | 2.7  | 140       |
| 53 | Tmem79/Matt is the matted mouse gene and is a predisposing gene for atopic dermatitis in human subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 1121-1129.   | 2.9  | 135       |
| 54 | Epidermal lipid composition, barrier integrity, and eczematous inflammation are associated with skin microbiome configuration. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1668-1676.e16.   | 2.9  | 131       |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 55 | Mechanisms of IFN- $\gamma$ -induced apoptosis of human skin keratinocytes in patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1297-1306.   | 2.9  | 128       |
| 56 | Impact of atopic dermatitis and loss-of-function mutations in the filaggrin gene on the development of occupational irritant contact dermatitis. <i>British Journal of Dermatology</i> , 2013, 168, 326-332.   | 1.5  | 125       |
| 57 | Single nucleotide polymorphisms of the IL18 gene are associated with atopic eczema. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 115, 828-833.  | 2.9  | 116       |
| 58 | Cardiometabolic effects of genetic upregulation of the interleukin 1 receptor antagonist: a Mendelian randomisation analysis. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 243-253.   | 11.4 | 115       |
| 59 | Report from the fourth international consensus meeting to harmonize core outcome measures for atopic eczema/dermatitis clinical trials (HOME initiative). <i>British Journal of Dermatology</i> , 2016, 175, 69-79.  | 1.5  | 115       |
| 60 | Invasion of human keratinocytes by <i>Staphylococcus aureus</i> and intracellular bacterial persistence represent haemolysin-independent virulence mechanisms that are followed by features of necrotic and apoptotic keratinocyte cell death. <i>British Journal of Dermatology</i> , 2002, 146, 943-951. | 1.5  | 113       |
| 61 | ZNF341 controls STAT3 expression and thereby immunocompetence. <i>Science Immunology</i> , 2018, 3, .  | 11.9 | 113       |
| 62 | Seasonality in Symptom Severity Influenced by Temperature or Grass Pollen: Results of a Panel Study in Children with Eczema. <i>Journal of Investigative Dermatology</i> , 2005, 124, 514-523.   | 0.7  | 109       |
| 63 | Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. <i>Nature Genetics</i> , 2018, 50, 1072-1080.   | 21.4 | 106       |
| 64 | An Integrated Epigenetic and Transcriptomic Analysis Reveals Distinct Tissue-Specific Patterns of DNA Methylation Associated with Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1873-1883.   | 0.7  | 103       |
| 65 | Progression of acute-to-chronic atopic dermatitis is associated with quantitative rather than qualitative changes in cytokine responses. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1406-1415.   | 2.9  | 103       |
| 66 | Genome-Wide Meta-Analysis of Psoriatic Arthritis Identifies Susceptibility Locus at REL. <i>Journal of Investigative Dermatology</i> , 2012, 132, 1133-1140.   | 0.7  | 99        |
| 67 | Eczema, respiratory allergies, and traffic-related air pollution in birth cohorts from small-town areas. <i>Journal of Dermatological Science</i> , 2009, 56, 99-105.  | 1.9  | 97        |
| 68 | Genetic signature to provide robust risk assessment of psoriatic arthritis development in psoriasis patients. <i>Nature Communications</i> , 2018, 9, 4178.  | 12.8 | 95        |
| 69 | Increased efficacy of omalizumab in atopic dermatitis patients with wild-type filaggrin status and higher serum levels of phosphatidylcholines. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 132-135.   | 5.7  | 92        |
| 70 | Association of a STAT 6 haplotype with elevated serum IgE levels in a population based cohort of white adults. <i>Journal of Medical Genetics</i> , 2004, 41, 658-663.   | 3.2  | 86        |
| 71 | A functional IL-6 receptor (IL6R) variant is a risk factor for persistent atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 371-377.   | 2.9  | 86        |
| 72 | Skin barrier in atopic dermatitis. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 542.  | 3.0  | 85        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Analysis of the individual and aggregate genetic contributions of previously identified serine peptidase inhibitor Kazal type 5 (SPINK5), kallikrein-related peptidase 7 (KLK7), and filaggrin (FLG) polymorphisms to eczema risk. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 560-568.e4. | 2.9 | 83        |
| 74 | The cradle of IgE autoreactivity in atopic eczema lies in early infancy. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 706-709.  | 2.9 | 81        |
| 75 | Association of <i>CARD15</i> polymorphisms with atopy-related traits in a population-based cohort of Caucasian adults. <i>Clinical and Experimental Allergy</i> , 2005, 35, 866-872.  | 2.9 | 77        |
| 76 | Reduced IFN $\gamma$ and enhanced IL4-producing CD4 <sup>+</sup> cord blood T cells are associated with a higher risk for atopic dermatitis during the first 2yr of life. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 5-13.   | 2.6 | 77        |
| 77 | Skin barrier abnormality caused by filaggrin (FLG) mutations is associated with increased serum 25-hydroxyvitamin D concentrations. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 1204-1207.e2.  | 2.9 | 76        |
| 78 | Atopic dermatitis displays stable and dynamic skin transcriptome signatures. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 213-223.  | 2.9 | 76        |
| 79 | Association of Atopic Dermatitis with Cardiovascular Risk Factors and Diseases. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1074-1081.   | 0.7 | 73        |
| 80 | Role of Staphylococcus Aureus Surface-Associated Proteins in the Attachment to Cultured HaCaT Keratinocytes in a New Adhesion Assay. <i>Journal of Investigative Dermatology</i> , 1998, 111, 452-456.  | 0.7 | 70        |
| 81 | Integrative genetic and metabolite profiling analysis suggests altered phosphatidylcholine metabolism in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013, 68, 629-636.   | 5.7 | 70        |
| 82 | The course of eczema in children aged 5-7years and its relation to atopy: differences between boys and girls. <i>British Journal of Dermatology</i> , 2006, 154, 505-513.   | 1.5 | 68        |
| 83 | miR-146b Probably Assists miRNA-146a in the Suppression of Keratinocyte Proliferation and Inflammatory Responses in Psoriasis. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1945-1954.  | 0.7 | 68        |
| 84 | Biologics for Treatment of Atopic Dermatitis: Current Status and Future Prospect. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 1053-1065.  | 3.8 | 68        |
| 85 | Systemic treatments in the management of atopic dermatitis: A systematic review and meta-analysis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1053-1076.   | 5.7 | 66        |
| 86 | Claudin-1 decrease impacts epidermal barrier function in atopic dermatitis lesions dose-dependently. <i>Scientific Reports</i> , 2020, 10, 2024.  | 3.3 | 65        |
| 87 | Association of single nucleotide polymorphisms in the diamine oxidase gene with diamine oxidase serum activities. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 893-902.  | 5.7 | 63        |
| 88 | Health risks of early swimming pool attendance. <i>International Journal of Hygiene and Environmental Health</i> , 2008, 211, 367-373.  | 4.3 | 61        |
| 89 | Advances in asthma and allergic disease genetics: Is bigger always better?. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1495-1506.   | 2.9 | 61        |
| 90 | Iodine and Fat Quantification for Differentiation of Adrenal Gland Adenomas From Metastases Using Third-Generation Dual-Source Dual-Energy Computed Tomography. <i>Investigative Radiology</i> , 2018, 53, 173-178.   | 6.2 | 60        |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 91  | Lack of association between Toll-like receptor 2 and Toll-like receptor 4 polymorphisms and atopic eczema. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 277-279.  | 2.9  | 58        |
| 92  | Psoriasis and Cardiometabolic Traits: Modest Association but Distinct Genetic Architectures. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1283-1293.  | 0.7  | 56        |
| 93  | A novel molecular disease classifier for psoriasis and eczema. <i>Experimental Dermatology</i> , 2016, 25, 767-774.   | 2.9  | 54        |
| 94  | Filaggrin variants confer susceptibility to asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 1294-1295.   | 2.9  | 52        |
| 95  | A genome-wide association study reveals 2 new susceptibility loci for atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 802-806.  | 2.9  | 51        |
| 96  | Early diet and the risk of allergy: what can we learn from the prospective birth cohort studies GINIplus and LISAplus?. <i>American Journal of Clinical Nutrition</i> , 2011, 94, S2012-S2017.  | 4.7  | 49        |
| 97  | Eleven loci with new reproducible genetic associations with allergic disease risk. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 691-699.  | 2.9  | 49        |
| 98  | Association study of mast cell chymase polymorphisms with atopy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2005, 60, 1256-1261.   | 5.7  | 47        |
| 99  | Targeting IgE in Severe Atopic Dermatitis with a Combination of Immunoabsorption and Omalizumab. <i>Acta Dermato-Venereologica</i> , 2016, 96, 72-76.   | 1.3  | 47        |
| 100 | Prostate-specific antigen as allergen in human seminal plasma allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 213-215.  | 2.9  | 45        |
| 101 | Stratum corneum lipidomics analysis reveals altered ceramide profile in atopic dermatitis patients across body sites with correlated changes in skin microbiome. <i>Experimental Dermatology</i> , 2021, 30, 1398-1408.   | 2.9  | 45        |
| 102 | Associations between COVID-19 and skin conditions identified through epidemiology and genomic studies. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 857-869.e7.   | 2.9  | 45        |
| 103 | Rare and functional SIAE variants are not associated with autoimmune disease risk in up to 66,924 individuals of European ancestry. <i>Nature Genetics</i> , 2012, 44, 3-5.   | 21.4 | 44        |
| 104 | Dynamical quantum phase transitions in systems with continuous symmetry breaking. <i>Physical Review B</i> , 2017, 96, .  | 3.2  | 44        |
| 105 | Allergy and asthma prevention 2014. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 516-533.  | 2.6  | 42        |
| 106 | Tralokinumab plus topical corticosteroids in adults with severe atopic dermatitis and inadequate response to or intolerance of ciclosporin A: a placebo-controlled, randomized, phase III clinical trial (ECZTRA 7)*. <i>British Journal of Dermatology</i> , 2022, 186, 440-452. | 1.5  | 42        |
| 107 | <i>Staphylococcus aureus</i> fibronectin-binding protein specifically binds IgE from patients with atopic dermatitis and requires antigen presentation for cellular immune responses. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 82-91.e8.                    | 2.9  | 41        |
| 108 | Exome-wide association study reveals novel psoriasis susceptibility locus at TNFSF15 and rare protective alleles in genes contributing to type I IFN signalling. <i>Human Molecular Genetics</i> , 2017, 26, 4301-4313.   | 2.9  | 41        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Baseline characteristics, disease severity and treatment history of patients with atopic dermatitis included in the German AD Registry TREATgermany. Journal of the European Academy of Dermatology and Venereology, 2020, 34, 1263-1272. | 2.4 | 41        |
| 110 | Predictive value of food sensitization and filaggrin mutations in children with eczema. Journal of Allergy and Clinical Immunology, 2011, 128, 1235-1241.e5.  | 2.9 | 39        |
| 111 | Epidemiology of urticaria in infants and young children in Germany – Results from the German LISA plus and GINI plus Birth Cohort Studies. Pediatric Allergy and Immunology, 2014, 25, 36-42.   | 2.6 | 39        |
| 112 | Implementation of dupilumab in routine care of atopic eczema: results from the German national registry TREAT germany. British Journal of Dermatology, 2020, 183, 382-384.  | 1.5 | 37        |
| 113 | Skin care interventions in infants for preventing eczema and food allergy. The Cochrane Library, 2021, 2021, CD013534.  | 2.8 | 37        |
| 114 | Associations between BMI and the FTO Gene Are Age Dependent: Results from the GINI and LISA Birth Cohort Studies up to Age 6 Years. Obesity Facts, 2010, 3, 3-3.  | 3.4 | 36        |
| 115 | Strategies used for measuring long-term control in atopic dermatitis trials: A systematic review. Journal of the American Academy of Dermatology, 2016, 75, 1038-1044.  | 1.2 | 35        |
| 116 | Filaggrin loss-of-function mutations and association with allergic diseases. Pharmacogenomics, 2008, 9, 399-413.  | 1.3 | 33        |
| 117 | Sézary Syndrome and Atopic Dermatitis: Comparison of Immunological Aspects and Targets. BioMed Research International, 2016, 2016, 1-15.  | 1.9 | 33        |
| 118 | Metabolomics profiling reveals novel markers for leukocyte telomere length. Aging, 2016, 8, 77-86.  | 3.1 | 33        |
| 119 | Targeted Resequencing and Functional Testing Identifies Low-Frequency Missense Variants in the Gene Encoding GARP as Significant Contributors to Atopic Dermatitis Risk. Journal of Investigative Dermatology, 2016, 136, 2380-2386.      | 0.7 | 32        |
| 120 | Tryptase inhibits motility of human spermatozoa mainly by activation of the mitogen-activated protein kinase pathway. Human Reproduction, 2005, 20, 456-461.  | 0.9 | 31        |
| 121 | Analysis of the high affinity IgE receptor genes reveals epistatic effects of FCER1A variants on eczema risk. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 875-882.  | 5.7 | 29        |
| 122 | Treatment of Atopic eczema ( TREAT ) Registry Taskforce: consensus on how and when to measure the core dataset for atopic eczema treatment research registries. British Journal of Dermatology, 2019, 181, 492-504.                       | 1.5 | 29        |
| 123 | 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.  | 2.9 | 29        |
| 124 | IgE-Mediated Allergy against Human Seminal Plasma. , 2005, 88, 128-138.   |     | 28        |
| 125 | Common variants in FCER1A influence total serum IgE levels from cord blood up to six years of life. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 1327-1332.  | 5.7 | 28        |
| 126 | Increase of inflammatory markers after indoor renovation activities: The LISA birth cohort study. Pediatric Allergy and Immunology, 2009, 20, 563-570.  | 2.6 | 28        |



| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 127 | Genome-wide association studies on IgE regulation: are genetics of IgE also genetics of atopic disease?. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2010, 10, 408-417.  | 2.3  | 28        |
| 128 | Genetics of atopic dermatitis. <i>JDDG - Journal of the German Society of Dermatology</i> , 2011, 9, 670-676.  | 0.8  | 27        |
| 129 | Age-of-onset information helps identify 76 genetic variants associated with allergic disease. <i>PLoS Genetics</i> , 2020, 16, e1008725.   | 3.5  | 27        |
| 130 | Mast cell-sperm interaction: evidence for tryptase and proteinase-activated receptors in the regulation of sperm motility. <i>Human Reproduction</i> , 2003, 18, 2519-2524.  | 0.9  | 26        |
| 131 | <scp>TREAT</scp> atment of <scp>AT</scp> opic eczema ( <scp>TREAT</scp> ) Registry Taskforce: an international Delphi exercise to identify a core set of domains and domain items for national atopic eczema photo- and systemic therapy registries. <i>British Journal of Dermatology</i> , 2019, 180, 790-801. | 1.5  | 26        |
| 132 | Deletion of Late Cornified Envelope 3B and 3C Genes Is Not Associated with Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2057-2061.  | 0.7  | 25        |
| 133 | Molecular Genetics of Atopic Eczema. <i>Chemical Immunology and Allergy</i> , 2012, 96, 24-29.   | 1.7  | 25        |
| 134 | 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        |
| 135 | The International TREATment of ATopic Eczema (TREAT) Registry Taskforce: An Initiative to Harmonize Data Collection across National Atopic Eczema Photo- and Systemic Therapy Registries. <i>Journal of Investigative Dermatology</i> , 2017, 137, 2014-2016.  | 0.7  | 25        |
| 136 | Body burden of mercury is associated with acute atopic eczema and total IgE in children from southern Germany. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, 457-459.   | 2.9  | 24        |
| 137 | Health education decreases incidence of hand eczema in metal work apprentices: Results of a controlled intervention study. <i>Contact Dermatitis</i> , 2020, 82, 350-360.  | 1.4  | 24        |
| 138 | Association between attendance of day care centres and increased prevalence of eczema in the German birth cohort study LISApplus. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 68-75.   | 5.7  | 23        |
| 139 | Regional and socio-economic differences in food, nutrient and supplement intake in school-age children in Germany: results from the GINIplus and the LISApplus studies. <i>Public Health Nutrition</i> , 2011, 14, 1724-1735.  | 2.2  | 22        |
| 140 | Humidity-regulated CLCA2 protects the epidermis from hyperosmotic stress. <i>Science Translational Medicine</i> , 2018, 10, .  | 12.4 | 22        |
| 141 | Biomarkers of disease progression in people with psoriasis: a scoping review. <i>British Journal of Dermatology</i> , 2022, 187, 481-493.  | 1.5  | 22        |
| 142 | Atopic dermatitis revisited. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 1-2.  | 5.7  | 21        |
| 143 | Childhood atopic dermatitis is associated with brain-derived neurotrophic factor correlates with serum eosinophil cationic protein and disease severity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 1062-1065.  | 5.7  | 21        |
| 144 | TREATment of ATopic eczema (TREAT) Registry Taskforce: protocol for an international Delphi exercise to identify a core set of domains and domain items for national atopic eczema registries. <i>Trials</i> , 2017, 18, 87.   | 1.6  | 21        |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 145 | Transient epidermal barrier deficiency and lowered allergic threshold in filaggrin <sup>−/−</sup> double-deficient mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1327-1339.                 | 5.7  | 21        |
| 146 | Epigenetic factors involved in the pathophysiology of inflammatory skin diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1049-1060.   | 2.9  | 20        |
| 147 | Monocyte-derived dendritic cells from highly atopic individuals are not impaired in their pro-inflammatory response to toll-like receptor ligands. <i>Clinical and Experimental Allergy</i> , 2007, 37, 381-390.                    | 2.9  | 19        |
| 148 | The ANO3/MUC15 locus is associated with eczema in families ascertained through asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1547-1553.e3.   | 2.9  | 18        |
| 149 | Influence of external, intrinsic and individual behaviour variables on serum 25(OH)D in a German survey. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 120-129.   | 3.8  | 18        |
| 150 | Increased Prevalence of Filaggrin Deficiency in 51 Patients with Recessive X-Linked Ichthyosis Presenting for Dermatological Examination. <i>Journal of Investigative Dermatology</i> , 2018, 138, 709-711.                         | 0.7  | 18        |
| 151 | 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        |
| 152 | Rare variant analysis in eczema identifies exonic variants in DUSP1, NOTCH4 and SLC9A4. <i>Nature Communications</i> , 2021, 12, 6618.  | 12.8 | 17        |
| 153 | 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        |
| 154 | Genetischer Hintergrund der atopischen Dermatitis. <i>JDDG - Journal of the German Society of Dermatology</i> , 2011, 9, 670-677.   | 0.8  | 16        |
| 155 | SERPINB2 and miR-146a/b are coordinately regulated and act in the suppression of psoriasis-associated inflammatory responses in keratinocytes. <i>Experimental Dermatology</i> , 2020, 29, 51-60.                                   | 2.9  | 16        |
| 156 | A comprehensive analysis of the COL29A1 gene does not support a role in eczema. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1187-1194.e7.  | 2.9  | 15        |
| 157 | Relationship between atopic dermatitis, depression and anxiety: a two-sample Mendelian randomization study. <i>British Journal of Dermatology</i> , 2021, 185, 781-786.   | 1.5  | 15        |
| 158 | Itches and scratches – is there a link between eczema, ADHD, sleep disruption and food hypersensitivity?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 1407-1409.                                | 5.7  | 14        |
| 159 | S1 guidelines for the diagnosis and treatment of ichthyoses – update. <i>JDDG - Journal of the German Society of Dermatology</i> , 2017, 15, 1053-1065.   | 0.8  | 14        |
| 160 | TREAtment of ATopic eczema (TREAT) Registry Taskforce: protocol for a European safety study of dupilumab and other systemic therapies in patients with atopic eczema. <i>British Journal of Dermatology</i> , 2020, 182, 1423-1429. | 1.5  | 14        |
| 161 | Host traits, lifestyle and environment are associated with human skin bacteria. <i>British Journal of Dermatology</i> , 2021, 185, 573-584.   | 1.5  | 14        |
| 162 | Status report on the atopic dermatitis registry TREATgermany. <i>Allergologie Select</i> , 2021, 5, 274-286.  | 3.1  | 14        |

| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 163 | NK cells as a possible new player in atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 276-277.  | 2.9  | 14        |
| 164 | Requirements and expectations of high-quality biomarkers for atopic dermatitis and psoriasis in 2021—a two-round Delphi survey among international experts. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2022, 36, 1467-1476. | 2.4  | 14        |
| 165 | Biomarkers of systemic treatment response in people with psoriasis: a scoping review. <i>British Journal of Dermatology</i> , 2022, 187, 494-506.  | 1.5  | 14        |
| 166 | A 5-year randomized trial on the safety and efficacy of pimecrolimus in atopic dermatitis: a critical appraisal. <i>British Journal of Dermatology</i> , 2017, 177, 999-1003.  | 1.5  | 13        |
| 167 | GSTM1, GSTT1 and GSTP1 gene polymorphism in polymorphous light eruption. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2013, 27, 157-162.  | 2.4  | 12        |
| 168 | A common atopy-associated variant in the Th2 cytokine locus control region impacts transcriptional regulation and alters <i>SMAD3</i> and <i>SP1</i> binding. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 632-642.   | 5.7  | 12        |
| 169 | Direct cellular reprogramming enables development of viral T antigen-driven Merkel cell carcinoma in mice. <i>Journal of Clinical Investigation</i> , 2022, 132, .   | 8.2  | 12        |
| 170 | Anaphylaxis to mizolastine. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, 979-981.  | 2.9  | 11        |
| 171 | Multi-locus stepwise regression: a haplotype-based algorithm for finding genetic associations applied to atopic dermatitis. <i>BMC Medical Genetics</i> , 2012, 13, 8.   | 2.1  | 11        |
| 172 | Alternative Models of Comorbidity: A Framework for the Interpretation of Epidemiological Association Studies. <i>Journal of Investigative Dermatology</i> , 2014, 134, 303-307.  | 0.7  | 11        |
| 173 | Cytokine responses in nonlesional psoriatic skin as clinical predictor to anti-TNF agents. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 640-649.e5.  | 2.9  | 11        |
| 174 | IRAK2 Has a Critical Role in Promoting Feed-Forward Amplification of Epidermal Inflammatory Responses. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2436-2448.   | 0.7  | 11        |
| 175 | The serine protease inhibitor of Kazal-type 7 (SPINK7) is expressed in human skin. <i>Archives of Dermatological Research</i> , 2017, 309, 767-771.  | 1.9  | 10        |
| 176 | Abrocitinib for atopic dermatitis: a step forward. <i>Lancet, The</i> , 2020, 396, 215-217.  | 13.7 | 10        |
| 177 | A new era has begun: Treatment of atopic dermatitis with biologics. <i>Allergologie Select</i> , 2021, 5, 265-273.   | 3.1  | 10        |
| 178 | The BIOMarkers in Atopic Dermatitis and Psoriasis (BIOMAP) glossary: developing a lingua franca to facilitate data harmonization and cross-cohort analyses. <i>British Journal of Dermatology</i> , 2021, 185, 1066-1069.                                | 1.5  | 10        |
| 179 | A case of junctional epidermolysis bullosa with prurigo-like lesions and reduction of collagen XVII and filaggrin. <i>British Journal of Dermatology</i> , 2013, 169, 195-198.   | 1.5  | 9         |
| 180 | Protease activated receptor 2 and epidermal growth factor receptor are involved in the regulation of human sperm motility. <i>Asian Journal of Andrology</i> , 2007, 9, 690-696.   | 1.6  | 8         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 181 | Genetic Variation in the Epidermal Transglutaminase Genes Is Not Associated with Atopic Dermatitis. PLoS ONE, 2012, 7, e49694.   | 2.5 | 8         |
| 182 | Comparison of Epidermal Barrier Integrity in Adults with Classic Atopic Dermatitis, Atopic Prurigo and Non-Atopic Prurigo Nodularis. Biology, 2021, 10, 1008.  | 2.8 | 8         |
| 183 | Transethnic analysis of psoriasis susceptibility in South Asians and Europeans enhances fine mapping in the MHC and genome wide. Human Genetics and Genomics Advances, 2022, 3, 100069.  | 1.7 | 8         |
| 184 | Atopic dermatitis: disease characteristics and comorbidities in smoking and non-smoking patients from the TREATgermany registry. Journal of the European Academy of Dermatology and Venereology, 2022, 36, 413-421.                  | 2.4 | 8         |
| 185 | DO GENDER-SPECIFIC DIFFERENCES IN EYELASH LENGTH IN 5- TO 6-YEAR-OLD PRESCHOOLCHILDREN WITH AND WITHOUT ATOPIC ECZEMA EXIST? RESULTS FROM THE MIRIAM STUDY CONDUCTED IN AUGSBURG, GERMANY. Pediatric Dermatology, 2005, 22, 576-577. | 0.9 | 7         |
| 186 | Analysis of Filaggrin Mutations and Expression in Corneal Specimens from Patients with or without Atopic Dermatitis. International Archives of Allergy and Immunology, 2014, 163, 20-24.   | 2.1 | 7         |
| 187 | Research Waste in Atopic Eczema Trials—Just the Tip of the Iceberg. Journal of Investigative Dermatology, 2016, 136, 1930-1933.  | 0.7 | 7         |
| 188 | Einsatz und Wirksamkeit von Systemtherapien bei Erwachsenen mit schwerer Neurodermitis: Erste Ergebnisse des deutschen Neurodermitis-Registers TREATgermany. JDDG - Journal of the German Society of Dermatology, 2017, 15, 49-60.   | 0.8 | 7         |
| 189 | Large-Scale Imputation of KIR Copy Number and HLA Alleles in North American and European Psoriasis Case-Control Cohorts Reveals Association of Inhibitory KIR2DL2 With Psoriasis. Frontiers in Immunology, 2021, 12, 684326.         | 4.8 | 7         |
| 190 | Effectiveness of secondary prevention in metalworkers with work-related skin diseases and comparison with participants of a tertiary prevention program: A prospective cohort study. Contact Dermatitis, 2020, 83, 497-506.          | 1.4 | 6         |
| 191 | Tralokinumab in atopic dermatitis. JDDG - Journal of the German Society of Dermatology, 2021, 19, 1435-1442.   | 0.8 | 6         |
| 192 | Lifetime prevalence and determinants of hand eczema in an adolescent population in Germany: 15-year follow-up of the LISA cohort study. Journal of the European Academy of Dermatology and Venereology, 2022, 36, 547-556.           | 2.4 | 6         |
| 193 | Association between atopy and cryptorchidism. Journal of Allergy and Clinical Immunology, 2004, 114, 192-193.  | 2.9 | 5         |
| 194 | The power and potential of BIOMAP to elucidate host-microbiome interplay in skin inflammatory diseases. Experimental Dermatology, 2021, 30, 1517-1531.   | 2.9 | 5         |
| 195 | A Critical Appraisal of the PETITE Study Report: Topical Corticosteroids Are Safe and Effective in the Long-term Treatment of Infantile Atopic Dermatitis. Pediatrics, 2015, 136, e1485-e1485.                                       | 2.1 | 4         |
| 196 | Good practice intervention for clinical assessment and diagnosis of atopic dermatitis: Findings from the atopic dermatitis quality of care initiative. Dermatologic Therapy, 2022, 35, e15259.                                       | 1.7 | 4         |
| 197 | Lack of Association between Neuropeptide S Receptor 1 Gene (NPSR1) and Eczema in Five European Populations. Acta Dermato-Venereologica, 2008, 89, 115-121.   | 1.3 | 4         |
| 198 | A critical appraisal and implications of the new National Institute for Health and Care Excellence guideline on dupilumab for treating moderate-to-severe atopic eczema. British Journal of Dermatology, 2019, 180, 435-437.         | 1.5 | 3         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 199 | Endocrinologic Changes in Male Patients With Melanoma During Interferon Alfa-2b Therapy. Archives of Dermatology, 2002, 138, 541-542.   | 1.4 | 3         |
| 200 | Compare and Contrast Meta Analysis (CCMA): A Method for Identification of Pleiotropic Loci in Genome-Wide Association Studies. PLoS ONE, 2016, 11, e0154872.  | 2.5 | 3         |
| 201 | New perspectives for necrotizing soft-tissue infections pathogen detection. British Journal of Dermatology, 2020, 183, 10-10.   | 1.5 | 2         |
| 202 | Genetik und Epigenetik von allergischen Erkrankungen und Asthma. , 2016, , 23-36.   |     | 2         |
| 203 | Atopic dermatitis disease biomarkers strongly correlate with IL-13 levels, are regulated by IL-13, and are modulated by tralokinumab in vitro. SKIN the Journal of Cutaneous Medicine, 0, 3, S42.                             | 0.3 | 2         |
| 204 | Genetics of Atopic Eczema. , 2009, , 37-67.   |     | 2         |
| 205 | Clinical Impact of Current Genetics Findings. Pediatric and Adolescent Medicine, 2011, , 21-38.   | 0.4 | 1         |
| 206 | Network-based SNP meta-analysis identifies joint and disjoint genetic features across common human diseases. BMC Genomics, 2012, 13, 490.   | 2.8 | 1         |
| 207 | Pioneering global best practices in atopic dermatitis: results from the atopic dermatitis quality of care initiative. Clinical and Experimental Dermatology, 2021, , .  | 1.3 | 1         |
| 208 | Basic skin therapy effects on skin inflammation and microbiome composition in patients with atopic dermatitis after challenges with grass pollen. Journal of the European Academy of Dermatology and Venereology, 2022, 36, . | 2.4 | 1         |
| 209 | Effects of treatment with alpha-interferon 2b on FSH, LH, testosterone and inhibin B in male patients.. Fertility and Sterility, 2001, 76, S37-S38.   | 1.0 | 0         |
| 210 | Looking beyond Placebo-Controlled Trials. Journal of Investigative Dermatology, 2017, 137, 1366-1367.   | 0.7 | 0         |
| 211 | 412 Atopic dermatitis and filaggrin deficiency lead to characteristic shifts of skin microbiome. Journal of Investigative Dermatology, 2017, 137, S263.   | 0.7 | 0         |
| 212 | Monocyte-derived dendritic cells from highly atopic individuals are not impaired in their pro-inflammatory response to toll-like receptor ligands. Clinical and Experimental Allergy, 2006, .                                 | 2.9 | 0         |
| 213 | Clinical Aspects and Diagnosis of Atopic Eczema. , 2009, , 295-317.   |     | 0         |
| 214 | INFLUENCE OF FLG LOSS-OF-FUNCTION MUTATIONS IN HOST-MICROBE INTERACTIONS DURING ATOPIC SKIN INFLAMMATION. Journal of Dermatological Science, 2022, , .  | 1.9 | 0         |