

Kilian Eyerich

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

6,477
citations

87843

38
h-index

69214

77
g-index

121
all docs

121
docs citations

121
times ranked

8052
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Th22 cells represent a distinct human T cell subset involved in epidermal immunity and remodeling. <i>Journal of Clinical Investigation</i> , 2009, 119, 3573-85. | 3.9 | 840 |
| 2 | Cellular and molecular immunologic mechanisms in patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 336-349. | 1.5 | 465 |
| 3 | Increasing Comorbidities Suggest that Atopic Dermatitis is a Systemic Disorder. <i>Journal of Investigative Dermatology</i> , 2017, 137, 18-25. | 0.3 | 283 |
| 4 | IL-17 and IL-22 in immunity: Driving protection and pathology. <i>European Journal of Immunology</i> , 2017, 47, 607-614. | 1.6 | 264 |
| 5 | Immunology of atopic eczema: overcoming the Th1/Th2 paradigm. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013, 68, 974-982. | 2.7 | 257 |
| 6 | Efficacy and Safety of Upadacitinib vs Dupilumab in Adults With Moderate-to-Severe Atopic Dermatitis. <i>JAMA Dermatology</i> , 2021, 157, 1047. | 2.0 | 236 |
| 7 | IL-17 in atopic eczema: Linking allergen-specific adaptive and microbial-triggered innate immune response. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 59-66.e4. | 1.5 | 220 |
| 8 | IL-17 and IL-22: siblings, not twins. <i>Trends in Immunology</i> , 2010, 31, 354-361. | 2.9 | 206 |
| 9 | Cutaneous Barriers and Skin Immunity: Differentiating A Connected Network. <i>Trends in Immunology</i> , 2018, 39, 315-327. | 2.9 | 204 |
| 10 | Patients with Chronic Mucocutaneous Candidiasis Exhibit Reduced Production of Th17-Associated Cytokines IL-17 and IL-22. <i>Journal of Investigative Dermatology</i> , 2008, 128, 2640-2645. | 0.3 | 203 |
| 11 | Mutual Antagonism of T Cells Causing Psoriasis and Atopic Eczema. <i>New England Journal of Medicine</i> , 2011, 365, 231-238. | 13.9 | 196 |
| 12 | Precision assessment of label-free psoriasis biomarkers with ultra-broadband optoacoustic mesoscopy. <i>Nature Biomedical Engineering</i> , 2017, 1, . | 11.6 | 187 |
| 13 | Intraindividual genome expression analysis reveals a specific molecular signature of psoriasis and eczema. <i>Science Translational Medicine</i> , 2014, 6, 244ra90. | 5.8 | 170 |
| 14 | Use of systemic corticosteroids for atopic dermatitis: International Eczema Council consensus statement. <i>British Journal of Dermatology</i> , 2018, 178, 768-775. | 1.4 | 127 |
| 15 | 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 |
| 16 | Immune response patterns in non-communicable inflammatory skin diseases. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2018, 32, 692-703. | 1.3 | 110 |
| 17 | Urticaria: Collegium Internationale Allergologicum (CIA) Update 2020. <i>International Archives of Allergy and Immunology</i> , 2020, 181, 321-333. | 0.9 | 108 |
| 18 | Neutralization of IL-17C Reduces Skin Inflammation in Mouse Models of Psoriasis and Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1555-1563. | 0.3 | 92 |

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|----|--|-----|-----------|
| 19 | New biological treatments for asthma and skin allergies. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 546-560. | 2.7 | 70 |
| 20 | The Multi-Modal Immune Pathogenesis of Atopic Eczema. <i>Trends in Immunology</i> , 2015, 36, 788-801. | 2.9 | 68 |
| 21 | Sodium chloride is an ionic checkpoint for human T _H 2 cells and shapes the atopic skin microenvironment. <i>Science Translational Medicine</i> , 2019, 11, . | 5.8 | 66 |
| 22 | Sebum lipids influence macrophage polarization and activation. <i>British Journal of Dermatology</i> , 2017, 177, 1671-1682. | 1.4 | 63 |
| 23 | Human and computational models of atopic dermatitis: A review and perspectives by an expert panel of the International Eczema Council. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 36-45. | 1.5 | 58 |
| 24 | 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. | 2.7 | 58 |
| 25 | Generalized pustular psoriasis – a model disease for specific targeted immunotherapy, systematic review. <i>Experimental Dermatology</i> , 2018, 27, 1067-1077. | 1.4 | 56 |
| 26 | Relations between epidermal barrier dysregulation and Staphylococcus species-dominated microbiome dysbiosis in patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1643-1647.e12. | 1.5 | 56 |
| 27 | A novel molecular disease classifier for psoriasis and eczema. <i>Experimental Dermatology</i> , 2016, 25, 767-774. | 1.4 | 54 |
| 28 | 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 |
| 29 | 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 |
| 30 | Conjunctivitis in atopic dermatitis patients with and without dupilumab therapy – international eczema council survey and opinion. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2019, 33, 1224-1231. | 1.3 | 50 |
| 31 | Hidradenitis Suppurativa: Where We Are and Where We Are Going. <i>Cells</i> , 2021, 10, 2094. | 1.8 | 50 |
| 32 | Global Allergy Forum and 3rd Davos Declaration 2015. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 588-592. | 2.7 | 47 |
| 33 | COVID-19 and immunological regulations – from basic and translational aspects to clinical implications. <i>JDDG - Journal of the German Society of Dermatology</i> , 2020, 18, 795-807. | 0.4 | 45 |
| 34 | 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 |
| 35 | Human exposure to airborne pollen and relationships with symptoms and immune responses: Indoors versus outdoors, circadian patterns and meteorological effects in alpine and urban environments. <i>Science of the Total Environment</i> , 2019, 653, 190-199. | 3.9 | 44 |
| 36 | Mechanisms of skin autoimmunity: Cellular and soluble immune components of the skin. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 8-16. | 1.5 | 44 |

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|----|---|-----|-----------|
| 37 | Addiction: an underestimated problem in psoriasis health care. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2017, 31, 1308-1315. | 1.3 | 43 |
| 38 | Motion correction in optoacoustic mesoscopy. <i>Scientific Reports</i> , 2017, 7, 10386. | 1.6 | 43 |
| 39 | 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. | 2.7 | 41 |
| 40 | Th22 cells in allergic disease. <i>Allergo Journal International</i> , 2015, 24, 1-7. | 0.9 | 40 |
| 41 | Pollen Grains Induce a Rapid and Biphasic Eczematous Immune Response in Atopic Eczema Patients. <i>International Archives of Allergy and Immunology</i> , 2008, 145, 213-223. | 0.9 | 39 |
| 42 | Assessing nailfold microvascular structure with ultra-wideband raster-scan optoacoustic mesoscopy. <i>Photoacoustics</i> , 2018, 10, 31-37. | 4.4 | 39 |
| 43 | Pyoderma gangrenosum, acne, psoriasis, arthritis and suppurative hidradenitis (PAPASH) syndrome: a new entity within the spectrum of autoinflammatory syndromes?. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2016, 30, 141-143. | 1.3 | 37 |
| 44 | Successful intra-class switching among IL-17 antagonists: a multicentre, multinational, retrospective study. <i>Archives of Dermatological Research</i> , 2019, 311, 421-424. | 1.1 | 36 |
| 45 | Non-invasive imaging in dermatology and the unique potential of raster-scan optoacoustic mesoscopy. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2019, 33, 1051-1061. | 1.3 | 35 |
| 46 | Acute Generalized Pustular Psoriasis Treated With the IL-17A Antibody Secukinumab. <i>JAMA Dermatology</i> , 2016, 152, 482. | 2.0 | 32 |
| 47 | Psoriasis Pathogenesis: Keratinocytes Are Back in the Spotlight. <i>Journal of Investigative Dermatology</i> , 2019, 139, 995-996. | 0.3 | 31 |
| 48 | The Impact and Consequences of SARS-CoV-2 Pandemic on a Single University Dermatology Outpatient Clinic in Germany. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6182. | 1.2 | 31 |
| 49 | IL-23 blockade with guselkumab potentially modifies psoriasis pathogenesis: rationale and study protocol of a phase 3b, randomised, double-blind, multicentre study in participants with moderate-to-severe plaque-type psoriasis (GUIDE). <i>BMJ Open</i> , 2021, 11, e049822. | 0.8 | 31 |
| 50 | Allergic Contact Dermatitis in Psoriasis Patients: Typical, Delayed, and Non-Interacting. <i>PLoS ONE</i> , 2014, 9, e101814. | 1.1 | 30 |
| 51 | STAT1 Gain-of-Function and Dominant Negative STAT3 Mutations Impair IL-17 and IL-22 Immunity Associated with CMC. <i>Journal of Investigative Dermatology</i> , 2018, 138, 711-714. | 0.3 | 29 |
| 52 | The Prevalence and Disease Characteristics of Generalized Pustular Psoriasis. <i>American Journal of Clinical Dermatology</i> , 2022, 23, 5-12. | 3.3 | 28 |
| 53 | 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 |
| 54 | Characteristics and outcomes of patients treated with apremilast in the real world: results from the APPRECIATE study. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2021, 35, 123-134. | 1.3 | 25 |

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|----|---|-----|-----------|
| 55 | Guselkumab is superior to fumaric acid esters in patients with moderate-to-severe plaque psoriasis who are naive to systemic treatment: results from a randomized, active-comparator-controlled phase IIIb trial (POLARIS). <i>British Journal of Dermatology</i> , 2020, 183, 265-275. | 1.4 | 24 |
| 56 | EAACI Biologicals Guidelines—dupilumab for children and adults with moderate-to-severe atopic dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 988-1009. | 2.7 | 24 |
| 57 | Impact of Generalized Pustular Psoriasis from the Perspective of People Living with the Condition: Results of an Online Survey. <i>American Journal of Clinical Dermatology</i> , 2022, 23, 65-71. | 3.3 | 24 |
| 58 | Skin symptoms as diagnostic clue for autoinflammatory diseases. <i>Anais Brasileiros De Dermatologia</i> , 2017, 92, 72-80. | 0.5 | 23 |
| 59 | Cytokines of the IL-17 family in psoriasis. <i>JDDG - Journal of the German Society of Dermatology</i> , 2020, 18, 675-681. | 0.4 | 22 |
| 60 | Biomarkers of disease progression in people with psoriasis: a scoping review. <i>British Journal of Dermatology</i> , 2022, 187, 481-493. | 1.4 | 22 |
| 61 | So close, and yet so far away: The dichotomy of the specific immune response and inflammation in psoriasis and atopic dermatitis. <i>Journal of Internal Medicine</i> , 2021, 290, 27-39. | 2.7 | 21 |
| 62 | 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 |
| 63 | NOS2 and CCL27: clinical implications for psoriasis and eczema diagnosis and management. <i>Expert Review of Clinical Immunology</i> , 2015, 11, 167-169. | 1.3 | 20 |
| 64 | EAACI Biologicals Guidelines—Omalizumab for the treatment of chronic spontaneous urticaria in adults and in the paediatric population 12–17 years old. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 17-38. | 2.7 | 19 |
| 65 | Allergy and sensitization to Hymenoptera venoms in unreferral adults with a high risk of sting exposure. <i>World Allergy Organization Journal</i> , 2019, 12, 100039. | 1.6 | 17 |
| 66 | Treatment of Pityriasis Rubra Pilaris With Guselkumab. <i>JAMA Dermatology</i> , 2019, 155, 1424. | 2.0 | 17 |
| 67 | 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 |
| 68 | Tofacitinib in Hypertrophic Lichen Planus. <i>Acta Dermato-Venereologica</i> , 2020, 100, adv00220. | 0.6 | 16 |
| 69 | 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. | 1.3 | 14 |
| 70 | Biomarkers of systemic treatment response in people with psoriasis: a scoping review. <i>British Journal of Dermatology</i> , 2022, 187, 494-506. | 1.4 | 14 |
| 71 | 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 |
| 72 | Generalized pustular psoriasis—Dawn of a new era in targeted immunotherapy. <i>Experimental Dermatology</i> , 2020, 29, 1088-1096. | 1.4 | 13 |

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|----|---|-----|-----------|
| 73 | Optical features of human skin revealed by optoacoustic mesoscopy in the visible and short-wave infrared regions. <i>Optics Letters</i> , 2019, 44, 4119. | 1.7 | 13 |
| 74 | Patient-reported outcomes with risankizumab versus fumaric acid esters in systemic therapy in naïve patients with moderate to severe plaque psoriasis: a phase 3 clinical trial. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2021, 35, 1686-1691. | 1.3 | 12 |
| 75 | Ekzem oder Psoriasis? Eine spezielle Herausforderung in der Berufsdermatologie. <i>Dermatologie in Beruf Und Umwelt</i> , 2018, 66, 113-119. | 0.5 | 12 |
| 76 | Enabling precision monitoring of psoriasis treatment by optoacoustic mesoscopy. <i>Science Translational Medicine</i> , 2022, 14, eabm8059. | 5.8 | 12 |
| 77 | Medical algorithm: Diagnosis and treatment of hypereosinophilic syndrome. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 3003-3006. | 2.7 | 11 |
| 78 | Lipomatous Metaplasia after Severe and Chronic Cutaneous Inflammation. <i>Dermatology</i> , 2008, 217, 52-55. | 0.9 | 10 |
| 79 | Is the humoral immunity dispensable for the pathogenesis of psoriasis?. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2019, 33, 115-122. | 1.3 | 10 |
| 80 | Optoacoustic mesoscopy shows potential to increase accuracy of allergy patch testing. <i>Contact Dermatitis</i> , 2020, 83, 206-214. | 0.8 | 10 |
| 81 | Bisphosphonates for the Treatment of Calcinosis Cutis – A Retrospective Single-Center Study. <i>Biomedicines</i> , 2021, 9, 1698. | 1.4 | 10 |
| 82 | Direct comparison of risankizumab and fumaric acid esters in systemic therapy in naïve patients with moderate-to-severe plaque psoriasis: a randomized controlled trial. <i>British Journal of Dermatology</i> , 2022, 186, 30-39. | 1.4 | 9 |
| 83 | Keratinocytes Regulate the Threshold of Inflammation by Inhibiting T Cell Effector Functions. <i>Cells</i> , 2021, 10, 1606. | 1.8 | 8 |
| 84 | Urban vs rural – Prevalence of self-reported allergies in various occupational and regional settings. <i>World Allergy Organization Journal</i> , 2022, 15, 100625. | 1.6 | 8 |
| 85 | Continued treatment with secukinumab is associated with high retention or regain of response. <i>British Journal of Dermatology</i> , 2019, 182, 67-75. | 1.4 | 7 |
| 86 | Biologics in the treatment of skin and rheumatologic diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1138-1141. | 1.5 | 7 |
| 87 | T-Cell-Mediated Autoimmunity: Mechanisms and Future Directions. <i>Journal of Investigative Dermatology</i> , 2022, 142, 804-810. | 0.3 | 7 |
| 88 | Molecular diagnostics in dermatology: An online survey to study usage, obstacles and requirements in Germany. <i>JDDG - Journal of the German Society of Dermatology</i> , 2022, 20, 287-295. | 0.4 | 7 |
| 89 | Always Online? Internet Addiction and Social Impairment in Psoriasis across Germany. <i>Journal of Clinical Medicine</i> , 2020, 9, 1818. | 1.0 | 6 |
| 90 | Real-World Experience of Patient-Relevant Benefits and Treatment Satisfaction with Apremilast in Patients with Psoriasis: An Analysis of the APPRECIATE Study. <i>Dermatology and Therapy</i> , 2022, 12, 81-95. | 1.4 | 6 |

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|-----|---|-----|-----------|
| 91 | Successful treatment of recalcitrant dyshidrotic eczema with dupilumab in a child. JDDG - Journal of the German Society of Dermatology, 2019, 17, 1165-1167. | 0.4 | 5 |
| 92 | The power and potential of BIOMAP to elucidate host-microbiome interplay in skin inflammatory diseases. Experimental Dermatology, 2021, 30, 1517-1531. | 1.4 | 5 |
| 93 | Addictions in Patients with Atopic Dermatitis: A Cross-sectional Pilot Study in Germany. Journal of the European Academy of Dermatology and Venereology, 2021, , . | 1.3 | 4 |
| 94 | Ixekizumab for acrodermatitis continua. JDDG - Journal of the German Society of Dermatology, 2018, 16, 907-910. | 0.4 | 3 |
| 95 | Developments and challenges in dermatology: an update from the Interactive Derma Academy (IDeA) 2019. Journal of the European Academy of Dermatology and Venereology, 2020, 34, 3-18. | 1.3 | 3 |
| 96 | Transferability of suggested molecular classifiers for psoriasis and eczema to the Chinese population. Journal of the European Academy of Dermatology and Venereology, 2021, 35, e189-e192. | 1.3 | 3 |
| 97 | <scp>DMARD</scp>s in psoriasis: a critical appraisal. Journal of the European Academy of Dermatology and Venereology, 2017, 31, 388-388. | 1.3 | 1 |
| 98 | Recurrent swelling of the ear. JDDG - Journal of the German Society of Dermatology, 2018, 16, 96-98. | 0.4 | 1 |
| 99 | Atopisches Ekzem: die Basis nicht vergessen!. JDDG - Journal of the German Society of Dermatology, 2018, 16, 963-964. | 0.4 | 1 |
| 100 | Counteracting lipids orchestrate type 2 immunity. Journal of Allergy and Clinical Immunology, 2019, 144, 1175-1176. | 1.5 | 1 |
| 101 | Assessing genotypes to predict therapeutic outcome in psoriasis. Journal of the European Academy of Dermatology and Venereology, 2020, 34, 11-12. | 1.3 | 1 |
| 102 | CD23 Levels on B Cells Determine Long-Term Therapeutic Response in Patients with Atopic Eczema Treated with Selective IgE Immune Apheresis. Journal of Investigative Dermatology, 2021, 141, 681-685.e6. | 0.3 | 1 |
| 103 | IFN-1s: Sentinels Shaping Distinct Immune Responses in Skin. Journal of Investigative Dermatology, 2021, , . | 0.3 | 1 |
| 104 | Muscle hypertrophy and onychodystrophy. JDDG - Journal of the German Society of Dermatology, 2018, 16, 1278-1281. | 0.4 | 0 |
| 105 | Multiple pustular lesions in a patient with ulcerative colitis " successfully treated with TNF-alpha-inhibitor. JDDG - Journal of the German Society of Dermatology, 2021, 19, 782-784. | 0.4 | 0 |
| 106 | Molekulardiagnostik in der Dermatologie: Eine Online-Umfrage zur Untersuchung von Nutzung, Hürden und Anforderungen in Deutschland. JDDG - Journal of the German Society of Dermatology, 2022, 20, 287-296. | 0.4 | 0 |