

Miriam Wittmann

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93
papers

3,328
citations

37
h-index

55
g-index

115
ext. papers

3,964
ext. citations

4.6
avg, IF

5.21
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 93 | Histamine H4 receptor stimulation suppresses IL-12p70 production and mediates chemotaxis in human monocyte-derived dendritic cells. <i>Journal of Immunology</i> , 2005 , 174, 5224-32 | 5.3 | 183 |
| 92 | Birch pollen-related foods trigger atopic dermatitis in patients with specific cutaneous T-cell responses to birch pollen antigens. <i>Journal of Allergy and Clinical Immunology</i> , 1999 , 104, 466-72 | 11.5 | 167 |
| 91 | IL-36 β (IL-1F9) is a biomarker for psoriasis skin lesions. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 1025-1032 | 4.3 | 141 |
| 90 | Severe atopic dermatitis is associated with sensitization to staphylococcal enterotoxin B (SEB). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2000 , 55, 551-5 | 9.3 | 132 |
| 89 | Ultrasonographic assessment of nail in psoriatic disease shows a link between onychopathy and distal interphalangeal joint extensor tendon enthesopathy. <i>Dermatology</i> , 2012 , 225, 231-5 | 4.4 | 107 |
| 88 | Activated human T lymphocytes express a functional C3a receptor. <i>Journal of Immunology</i> , 2000 , 165, 6599-605 | 5.3 | 107 |
| 87 | IL-33 impacts on the skin barrier by downregulating the expression of filaggrin. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 1659-61.e4 | 11.5 | 87 |
| 86 | Phosphodiesterase 4 inhibition in the treatment of psoriasis, psoriatic arthritis and other chronic inflammatory diseases. <i>Dermatology and Therapy</i> , 2013 , 3, 1-15 | 4 | 80 |
| 85 | Cathepsin S is the major activator of the psoriasis-associated proinflammatory cytokine IL-36 β . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E2748-E2757 | 11.5 | 79 |
| 84 | Human keratinocytes respond to interleukin-18: implication for the course of chronic inflammatory skin diseases. <i>Journal of Investigative Dermatology</i> , 2005 , 124, 1225-33 | 4.3 | 79 |
| 83 | Using results from a UK-wide survey to justify choice of comparator for the treatment of severe chronic hand eczema. <i>Trials</i> , 2015 , 16, | 2.8 | 78 |
| 82 | Human dendritic cells express the IL-18R and are chemoattracted to IL-18. <i>Journal of Immunology</i> , 2003 , 171, 6363-71 | 5.3 | 76 |
| 81 | Evidence for a pathogenetic role of interleukin-18 in cutaneous lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2008 , 58, 3205-15 | | 68 |
| 80 | Alpha-toxin is produced by skin colonizing <i>Staphylococcus aureus</i> and induces a T helper type 1 response in atopic dermatitis. <i>Clinical and Experimental Allergy</i> , 2005 , 35, 1088-95 | 4.1 | 66 |
| 79 | Brief report: responses to rituximab suggest B cell-independent inflammation in cutaneous systemic lupus erythematosus. <i>Arthritis and Rheumatology</i> , 2015 , 67, 1586-91 | 9.5 | 60 |
| 78 | Heat shock protein 70 (HSP70) induces cytotoxicity of T-helper cells. <i>Blood</i> , 2009 , 113, 3008-16 | 2.2 | 60 |
| 77 | Neutrophil Elastase-mediated proteolysis activates the anti-inflammatory cytokine IL-36 Receptor antagonist. <i>Scientific Reports</i> , 2016 , 6, 24880 | 4.9 | 56 |

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|----|---|------|----|
| 76 | IL-13-stimulated human keratinocytes preferentially attract CD4+CCR4+ T cells: possible role in atopic dermatitis. <i>Journal of Investigative Dermatology</i> , 2006 , 126, 1043-51 | 4.3 | 56 |
| 75 | Expression of interleukin (IL)-1 family members upon stimulation with IL-17 differs in keratinocytes derived from patients with psoriasis and healthy donors. <i>British Journal of Dermatology</i> , 2011 , 165, 189-93 | 4.1 | 52 |
| 74 | Interleukin-1 from epithelial cells fosters T cell-dependent skin inflammation. <i>British Journal of Dermatology</i> , 2010 , 162, 1198-205 | 4 | 52 |
| 73 | Human monocyte-derived dendritic cells are chemoattracted to C3a after up-regulation of the C3a receptor with interferons. <i>Immunology</i> , 2004 , 111, 435-43 | 7.8 | 49 |
| 72 | Prediction of autoimmune connective tissue disease in an at-risk cohort: prognostic value of a novel two-score system for interferon status. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 1432-1439 | 2.4 | 48 |
| 71 | Tofacitinib for the treatment of psoriasis and psoriatic arthritis. <i>Expert Review of Clinical Immunology</i> , 2018 , 14, 719-730 | 5.1 | 48 |
| 70 | Identification of myeloid cells in the human enthesis as the main source of local IL-23 production. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 929-933 | 2.4 | 47 |
| 69 | Autoinflammatory syndromes and cellular responses to stress: pathophysiology, diagnosis and new treatment perspectives. <i>Best Practice and Research in Clinical Rheumatology</i> , 2012 , 26, 505-33 | 5.3 | 47 |
| 68 | IL-27 is expressed in chronic human eczematous skin lesions and stimulates human keratinocytes. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 81-9 | 11.5 | 46 |
| 67 | Human keratinocytes express AIM2 and respond to dsDNA with IL-1 β secretion. <i>Experimental Dermatology</i> , 2011 , 20, 1027-9 | 4 | 45 |
| 66 | Modulation of keratinocyte-derived MMP-9 by IL-13: a possible role for the pathogenesis of epidermal inflammation. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 59-66 | 4.3 | 45 |
| 65 | A novel two-score system for interferon status segregates autoimmune diseases and correlates with clinical features. <i>Scientific Reports</i> , 2018 , 8, 5793 | 4.9 | 44 |
| 64 | Evidence for a regulatory loop between IFN- λ and IL-33 in skin inflammation. <i>Experimental Dermatology</i> , 2013 , 22, 102-7 | 4 | 44 |
| 63 | Human plasmacytoid dendritic cells express receptors for anaphylatoxins C3a and C5a and are chemoattracted to C3a and C5a. <i>Journal of Investigative Dermatology</i> , 2006 , 126, 2422-9 | 4.3 | 44 |
| 62 | Suppression of Interleukin-12 Production by Human Monocytes After Preincubation With Lipopolysaccharide. <i>Blood</i> , 1999 , 94, 1717-1726 | 2.2 | 44 |
| 61 | Interaction of keratinocytes with infiltrating lymphocytes in allergic eczematous skin diseases. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2006 , 6, 329-34 | 3.3 | 42 |
| 60 | IL-18 and skin inflammation. <i>Autoimmunity Reviews</i> , 2009 , 9, 45-8 | 13.6 | 40 |
| 59 | The NLRP3 inflammasome, a target for therapy in diverse disease states. <i>European Journal of Immunology</i> , 2010 , 40, 631-4 | 6.1 | 40 |

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| 58 | Histamine upregulates keratinocyte MMP-9 production via the histamine H1 receptor. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 2783-91 | 4.3 | 40 |
| 57 | IL-36 has proinflammatory effects on human endothelial cells. <i>Experimental Dermatology</i> , 2017 , 26, 402-408 | 4 | 38 |
| 56 | IL-36 is a Strong Inducer of IL-23 in Psoriatic Cells and Activates Angiogenesis. <i>Frontiers in Immunology</i> , 2018 , 9, 200 | 8.4 | 37 |
| 55 | Regression of Peripheral Subclinical Enthesopathy in Therapy-Naive Patients Treated With Ustekinumab for Moderate-to-Severe Chronic Plaque Psoriasis: A Fifty-Two-Week, Prospective, Open-Label Feasibility Study. <i>Arthritis and Rheumatology</i> , 2019 , 71, 626-631 | 9.5 | 36 |
| 54 | IL-27 Regulates IL-18 binding protein in skin resident cells. <i>PLoS ONE</i> , 2012 , 7, e38751 | 3.7 | 34 |
| 53 | Normal human entheses harbours conventional CD4+ and CD8+ T cells with regulatory features and inducible IL-17A and TNF expression. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 1044-1054 | 2.4 | 33 |
| 52 | Potential use of optical coherence tomography and high-frequency ultrasound for the assessment of nail disease in psoriasis and psoriatic arthritis. <i>Dermatology</i> , 2013 , 227, 45-51 | 4.4 | 32 |
| 51 | Induction of C3 and CCL2 by C3a in keratinocytes: a novel autocrine amplification loop of inflammatory skin reactions. <i>Journal of Immunology</i> , 2006 , 177, 4444-50 | 5.3 | 32 |
| 50 | Suppression of IL-12 production by soluble CD40 ligand: evidence for involvement of the p44/42 mitogen-activated protein kinase pathway. <i>Journal of Immunology</i> , 2002 , 168, 3793-800 | 5.3 | 32 |
| 49 | Cytokines as therapeutic targets in skin inflammation. <i>Cytokine and Growth Factor Reviews</i> , 2014 , 25, 443-51 | 17.9 | 30 |
| 48 | Interleukin-33 modulates the expression of human α -defensin 2 in human primary keratinocytes and may influence the susceptibility to bacterial superinfection in acute atopic dermatitis. <i>British Journal of Dermatology</i> , 2012 , 167, 1386-9 | 4 | 30 |
| 47 | Ustekinumab in the Treatment of Psoriasis and Psoriatic Arthritis. <i>Rheumatology and Therapy</i> , 2015 , 2, 1-16 | 4.4 | 26 |
| 46 | Human papillomavirus E7 oncoprotein increases production of the anti-inflammatory interleukin-18 binding protein in keratinocytes. <i>Journal of Virology</i> , 2014 , 88, 4173-9 | 6.6 | 24 |
| 45 | Primary human keratinocytes efficiently induce IL-1-dependent IL-17 in CCR6+ T cells. <i>Experimental Dermatology</i> , 2010 , 19, 1105-7 | 4 | 24 |
| 44 | Functionally impaired plasmacytoid dendritic cells and non-haematopoietic sources of type I interferon characterize human autoimmunity. <i>Nature Communications</i> , 2020 , 11, 6149 | 17.4 | 23 |
| 43 | The human papillomavirus (HPV) E7 protein antagonises an Imiquimod-induced inflammatory pathway in primary human keratinocytes. <i>Scientific Reports</i> , 2015 , 5, 12922 | 4.9 | 21 |
| 42 | Up-regulation of C5a receptor expression and function on human monocyte derived dendritic cells by prostaglandin E2. <i>Immunology</i> , 2003 , 110, 458-65 | 7.8 | 21 |
| 41 | Intracutaneous injection of the macrophage-activating lipopeptide-2 (MALP-2) which accelerates wound healing in mice—a phase I trial in 12 patients. <i>Experimental Dermatology</i> , 2008 , 17, 1052-6 | 4 | 20 |

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| 40 | The IL-23p19/EBI3 heterodimeric cytokine termed IL-39 remains a theoretical cytokine in man. <i>Inflammation Research</i> , 2019 , 68, 423-426 | 7.2 | 19 |
| 39 | Modulatory role of calreticulin as chaperokine for dendritic cell-based immunotherapy. <i>Clinical and Experimental Immunology</i> , 2011 , 165, 220-34 | 6.2 | 19 |
| 38 | Cell-to-cell contact between activated CD4+ T lymphocytes and unprimed monocytes interferes with a TH1 response. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 114, 965-73 | 11.5 | 17 |
| 37 | Detection of clonal T cell receptor gamma gene rearrangements in cutaneous T cell lymphoma by LightCycler-polymerase chain reaction. <i>Journal of Investigative Dermatology</i> , 2001 , 116, 926-32 | 4.3 | 17 |
| 36 | IFN γ stimulates MxA Production in Human Dermal Fibroblasts via a MAPK-Dependent STAT1-Independent Mechanism. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 2935-2943 | 4.3 | 16 |
| 35 | Inositol-Requiring Enzyme 1-Mediated Downregulation of MicroRNA (miR)-146a and miR-155 in Primary Dermal Fibroblasts across Three Mutations Results in Hyperresponsiveness to Lipopolysaccharide. <i>Frontiers in Immunology</i> , 2018 , 9, 173 | 8.4 | 15 |
| 34 | Regulatory role of T lymphocytes in atopic dermatitis. <i>Chemical Immunology and Allergy</i> , 2008 , 94, 101-111 | | 13 |
| 33 | Detection of IL-36 β through noninvasive tape stripping reliably discriminates psoriasis from atopic eczema. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 988-991.e4 | 11.5 | 13 |
| 32 | The novel cytokine Metrnl/IL-41 is elevated in Psoriatic Arthritis synovium and inducible from both enthesal and synovial fibroblasts. <i>Clinical Immunology</i> , 2019 , 208, 108253 | 9 | 12 |
| 31 | IL-27 acts as a priming signal for IL-23 but not IL-12 production on human antigen-presenting cells. <i>Experimental Dermatology</i> , 2012 , 21, 426-30 | 4 | 10 |
| 30 | 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 | 5.4 | 10 |
| 29 | Regulation of IL-13 receptors in human keratinocytes. <i>Journal of Investigative Dermatology</i> , 2007 , 127, 1271-4 | 4.3 | 10 |
| 28 | Regulation of enthesal IL-23 expression by IL-4 and IL-13 as an explanation for arthropathy development under dupilumab therapy. <i>Rheumatology</i> , 2021 , 60, 2461-2466 | 3.9 | 10 |
| 27 | TNF β Regulates Human Plasmacytoid Dendritic Cells by Suppressing IFN β Production and Enhancing T Cell Activation. <i>Journal of Immunology</i> , 2021 , 206, 785-796 | 5.3 | 10 |
| 26 | Non-invasive Approaches for the Diagnosis of Autoimmune/Autoinflammatory Skin Diseases-A Focus on Psoriasis and. <i>Frontiers in Immunology</i> , 2019 , 10, 1931 | 8.4 | 9 |
| 25 | Human keratinocytes release high levels of inducible heat shock protein 70 that enhances peptide uptake. <i>Experimental Dermatology</i> , 2011 , 20, 637-41 | 4 | 9 |
| 24 | The Proinflammatory Cytokine IL-36 β is a Global Discriminator of Harmless Microbes and Invasive Pathogens within Epithelial Tissues. <i>Cell Reports</i> , 2020 , 33, 108515 | 10.6 | 8 |
| 23 | Critical involvement of IL-12 in IFN-gamma induction by calcineurin antagonists in activated human lymphocytes. <i>Journal of Leukocyte Biology</i> , 2006 , 80, 75-86 | 6.5 | 8 |

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| 22 | B Cell Tetherin: A Flow Cytometric Cell-Specific Assay for Response to Type I Interferon Predicts Clinical Features and Flares in Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2020 , 72, 769-779 | 9.5 | 8 |
| 21 | Defining Pre-Clinical Psoriatic Arthritis in an Integrated Dermato-Rheumatology Environment. <i>Journal of Clinical Medicine</i> , 2020 , 9, | 5.1 | 8 |
| 20 | Antimicrobial Peptide LL-37 Facilitates Intracellular Uptake of RNA Aptamer Apt 21-2 Without Inducing an Inflammatory or Interferon Response. <i>Frontiers in Immunology</i> , 2019 , 10, 857 | 8.4 | 7 |
| 19 | Keratinocytes enriched for epidermal stem cells differ in their response to IFN-gamma from other proliferative keratinocytes. <i>Experimental Dermatology</i> , 2008 , 17, 998-1003 | 4 | 7 |
| 18 | Evidence for a birch pollen-specific cutaneous T-cell response in food-responsive atopic dermatitis. <i>International Archives of Allergy and Immunology</i> , 1999 , 118, 230-1 | 3.7 | 7 |
| 17 | Plucked hair follicles from patients with chronic discoid lupus erythematosus show a disease-specific molecular signature. <i>Lupus Science and Medicine</i> , 2019 , 6, e000328 | 4.6 | 7 |
| 16 | Treatment of severe, chronic hand eczema: results from a UK-wide survey. <i>Clinical and Experimental Dermatology</i> , 2017 , 42, 185-188 | 1.8 | 6 |
| 15 | IL-17A RNA aptamer: possible therapeutic potential in some cells, more than we bargained for in others?. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 852-855 | 4.3 | 6 |
| 14 | Therapeutic strategies in allergic contact dermatitis. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2012 , 6, 210-21 | 5.4 | 6 |
| 13 | Unexpected connections of the IL-23/IL-17 and IL-4/IL-13 cytokine axes in inflammatory arthritis and enthesitis. <i>Seminars in Immunology</i> , 2021 , 101520 | 10.7 | 5 |
| 12 | Resting but not CpG stimulated keratinocytes suppress autologous T-helper cell proliferation--importance of PGE2 and T regulatory function. <i>Experimental Dermatology</i> , 2011 , 20, 394-400 | 4 | 3 |
| 11 | Evidence for a Similar Cytokine Pattern Expressed in Allergic Contact and Atopic Dermatitis. <i>International Archives of Allergy and Immunology</i> , 2001 , 124, 346-348 | 3.7 | 3 |
| 10 | The Immunological Impact of IL-1 Family Cytokines on the Epidermal Barrier.. <i>Frontiers in Immunology</i> , 2021 , 12, 808012 | 8.4 | 3 |
| 9 | Cytokines in cutaneous lupus erythematosus. <i>Expert Review of Dermatology</i> , 2011 , 6, 381-394 | | 2 |
| 8 | The Sequence of Stimuli Determines the Amount of IL-12 Produced by Human Monocytes. <i>International Archives of Allergy and Immunology</i> , 2001 , 124, 218-220 | 3.7 | 2 |
| 7 | Plasmacytoid dendritic cells are functionally exhausted while non-haematopoietic sources of type I interferon dominate human autoimmunity | | 2 |
| 6 | Dupilumab: An Opportunity to Unravel InVivo Actions of IL-4 and IL-13 in Humans. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 1879-1881 | 4.3 | 2 |
| 5 | Validity and sensitivity to change of laser Doppler imaging as a novel objective outcome measure for cutaneous lupus erythematosus. <i>Lupus</i> , 2019 , 28, 1320-1328 | 2.6 | 1 |

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| 4 | Systematic literature review of non-topical treatments for early, untreated (systemic therapy naïve) psoriatic disease: a GRAPPA initiative. <i>Rheumatology Advances in Practice</i> , 2020 , 4, rkaa032 | 1.1 | 1 |
| 3 | Comparison of ALitretinoin with PUVA as the first-line treatment in patients with severe chronic HAnd eczema (ALPHA): study protocol for a randomised controlled trial.. <i>BMJ Open</i> , 2022 , 12, e060029 | 3 | 0 |
| 2 | 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 | 4 | |
| 1 | Der Beitrag von Keratinozyten an der Pathogenese des kutanen Lupus erythematodes. <i>Aktuelle Dermatologie</i> , 2007 , 33, 413-416 | 0.1 | |