

## 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.

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|-------------------|-------------------------|----------------|-----------------|
| 43<br>papers      | 2,548<br>citations      | 23<br>h-index  | 44<br>g-index   |
| 44<br>ext. papers | 2,861<br>ext. citations | 6.3<br>avg, IF | 4.53<br>L-index |

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 43 | Cell cycle inhibition by FoxO forkhead transcription factors involves downregulation of cyclin D. <i>Molecular and Cellular Biology</i> , <b>2002</b> , 22, 7842-52  | 4.8  | 455       |
| 42 | Crucial role for human Toll-like receptor 4 in the development of contact allergy to nickel. <i>Nature Immunology</i> , <b>2010</b> , 11, 814-9  | 19.1 | 442       |
| 41 | Mechanisms of chemical-induced innate immunity in allergic contact dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 66, 1152-63   | 9.3  | 211       |
| 40 | Endothelial-to-mesenchymal transition contributes to fibro-proliferative vascular disease and is modulated by fluid shear stress. <i>Cardiovascular Research</i> , <b>2015</b> , 108, 377-86                                     | 9.9  | 138       |
| 39 | Keratinocytes and neutrophils are important sources of proinflammatory molecules in hidradenitis suppurativa. <i>British Journal of Dermatology</i> , <b>2016</b> , 174, 514-21  | 4    | 125       |
| 38 | Metal allergens nickel and cobalt facilitate TLR4 homodimerization independently of MD2. <i>EMBO Reports</i> , <b>2012</b> , 13, 1109-15   | 6.5  | 104       |
| 37 | Erk5 activation elicits a vasoprotective endothelial phenotype via induction of Kruppel-like factor 4 (KLF4). <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 26199-210  | 5.4  | 100       |
| 36 | Elevated serum levels of calcium-binding S100 proteins A8 and A9 reflect disease activity and abnormal differentiation of keratinocytes in psoriasis. <i>British Journal of Dermatology</i> , <b>2006</b> , 155, 62-6            | 4    | 95        |
| 35 | Ablation of the spindle assembly checkpoint by a compound targeting Mps1. <i>EMBO Reports</i> , <b>2005</b> , 6, 866-72  | 6.5  | 90        |
| 34 | Ras-independent activation of the Raf/MEK/ERK pathway upon calcium-induced differentiation of keratinocytes. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 41011-7   | 5.4  | 84        |
| 33 | The contact allergen nickel triggers a unique inflammatory and proangiogenic gene expression pattern via activation of NF-kappaB and hypoxia-inducible factor-1alpha. <i>Journal of Immunology</i> , <b>2007</b> , 178, 3198-207 | 5.3  | 65        |
| 32 | Nickel allergies: paying the Toll for innate immunity. <i>Journal of Molecular Medicine</i> , <b>2011</b> , 89, 961-70   | 5.5  | 64        |
| 31 | Candida albicans triggers activation of distinct signaling pathways to establish a proinflammatory gene expression program in primary human endothelial cells. <i>Journal of Immunology</i> , <b>2007</b> , 179, 8435-45         | 5.3  | 51        |
| 30 | Human "T9" cells are a subpopulation of PPAR- $\gamma$ 2 cells. <i>Science Immunology</i> , <b>2019</b> , 4,   | 28   | 50        |
| 29 | Lack of T-cell receptor-induced signaling is crucial for CD95 ligand up-regulation and protects cutaneous T-cell lymphoma cells from activation-induced cell death. <i>Cancer Research</i> , <b>2009</b> , 69, 4175-83           | 10.1 | 45        |
| 28 | Immunology of metal allergies. <i>JDDG - Journal of the German Society of Dermatology</i> , <b>2015</b> , 13, 653-60   | 1.2  | 42        |
| 27 | Erk5 inhibits endothelial migration via KLF2-dependent down-regulation of PAK1. <i>Cardiovascular Research</i> , <b>2015</b> , 105, 86-95  | 9.9  | 39        |

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| 26 | Allergy-Inducing Chromium Compounds Trigger Potent Innate Immune Stimulation Via ROS-Dependent Inflammasome Activation. <i>Journal of Investigative Dermatology</i> , <b>2017</b> , 137, 367-376   | 4.3 | 37 |
| 25 | The carbon monoxide releasing molecule (CORM-3) inhibits expression of vascular cell adhesion molecule-1 and E-selectin independently of haem oxygenase-1 expression. <i>British Journal of Pharmacology</i> , <b>2009</b> , 157, 769-80 | 8.6 | 34 |
| 24 | FOXO3 modulates endothelial gene expression and function by classical and alternative mechanisms. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 10163-78   | 5.4 | 33 |
| 23 | MEK5/ERK5 signaling modulates endothelial cell migration and focal contact turnover. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 24972-80  | 5.4 | 28 |
| 22 | Potent NLRP3 Inflammasome Activation by the HIV Reverse Transcriptase Inhibitor Abacavir. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 2805-2814  | 5.4 | 26 |
| 21 | In vivo functional analysis of the daughter of sevenless protein in receptor tyrosine kinase signaling. <i>Mechanisms of Development</i> , <b>2000</b> , 90, 205-15  | 1.7 | 25 |
| 20 | The contact allergen nickel sensitizes primary human endothelial cells and keratinocytes to TRAIL-mediated apoptosis. <i>Journal of Cellular and Molecular Medicine</i> , <b>2010</b> , 14, 1760-76                                      | 5.6 | 21 |
| 19 | Morc1 knockout evokes a depression-like phenotype in mice. <i>Behavioural Brain Research</i> , <b>2016</b> , 296, 7-14   | 5.4 | 18 |
| 18 | Exploiting the compromised spindle assembly checkpoint function of tumor cells: dawn on the horizon?. <i>Cell Cycle</i> , <b>2006</b> , 5, 159-63  | 4.7 | 17 |
| 17 | Inhibition of VCAM-1 expression in endothelial cells by CORM-3: the role of the ubiquitin-proteasome system, p38, and mitochondrial respiration. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 794-802                    | 7.8 | 15 |
| 16 | Selective expression of calcium-binding proteins S100a8 and S100a9 at distinct sites of hair follicles. <i>Journal of Investigative Dermatology</i> , <b>2001</b> , 117, 748-50  | 4.3 | 14 |
| 15 | Serine 220 phosphorylation of the Merkel cell polyomavirus large T antigen crucially supports growth of Merkel cell carcinoma cells. <i>International Journal of Cancer</i> , <b>2016</b> , 138, 1153-62                                 | 7.5 | 14 |
| 14 | Maternal stress during pregnancy induces depressive-like behavior only in female offspring and correlates to their hippocampal Avp and Oxt receptor expression. <i>Behavioural Brain Research</i> , <b>2018</b> , 353, 1-10              | 3.4 | 13 |
| 13 | Cell type-- dependent effects of Polo-like kinase 1 inhibition compared with targeted polo box interference in cancer cell lines. <i>Molecular Cancer Therapeutics</i> , <b>2007</b> , 6, 3189-97  | 6.1 | 12 |
| 12 | Efficient Suppression of NRAS-Driven Melanoma by Co-Inhibition of ERK1/2 and ERK5 MAPK Pathways. <i>Journal of Investigative Dermatology</i> , <b>2020</b> , 140, 2455-2465.e10  | 4.3 | 9  |
| 11 | The MEK5/ERK5 mitogen-activated protein kinase cascade is an effector pathway of bone-sustaining bisphosphonates that regulates osteogenic differentiation and mineralization. <i>Bone</i> , <b>2018</b> , 111, 49-58                    | 4.7 | 9  |
| 10 | The MEK5/ERK5 Pathway in Health and Disease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,  | 6.3 | 8  |
| 9  | Altered NOX expression does not seem to account for epidermal NLRP3 inflammasome activation in hidradenitis suppurativa. <i>British Journal of Dermatology</i> , <b>2019</b> , 181, 391-392  | 4   | 4  |

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|---|--|------|---|
| 8 | Methods to Investigate the Role of Toll-Like Receptors in Allergic Contact Dermatitis. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1390, 319-40  | 1.4  | 4 |
| 7 | Improved metal allergen reactivity of artificial skin models by integration of Toll-like receptor 4-positive cells. <i>Contact Dermatitis</i> , <b>2019</b> , 81, 254-261                              | 2.7  | 2 |
| 6 | Anti-Xa clotting activities in different hepatic-triglyceride lipase preparations from post-heparin plasma. <i>Thrombosis Research</i> , <b>1991</b> , 63, 503-8                                       | 8.2  | 2 |
| 5 | Innate Immune System Response in Metal Allergy: Toll-Like Receptors <b>2018</b> , 75-84  |      | 1 |
| 4 | Neues zur Pathophysiologie des allergischen Kontaktekzems auf Nickel. <i>Allergo Journal</i> , <b>2011</b> , 20, 74-80   |      | 1 |
| 3 | Animal models for nickel allergy. <i>Nature Nanotechnology</i> , <b>2011</b> , 6, 533; author reply 533  | 28.7 | 1 |
| 2 | Zur Immunologie von Metallallergien. <i>JDDG - Journal of the German Society of Dermatology</i> , <b>2015</b> , 13, 653-660  | 1.2  |   |
| 1 | Interaction of transcription factor FoxO3 with histone acetyltransferase complex subunit TRRAP Modulates Gene Expression and Apoptosis.. <i>Journal of Biological Chemistry</i> , <b>2022</b> , 101714 | 5.4  |   |