

Marc Schmidt

List of Publications by Year in descending order

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42
papers

3,103
citations

257450

24
h-index

276875

41
g-index

44
all docs

44
docs citations

44
times ranked

5133
citing authors

#	ARTICLE	IF	CITATIONS
1	Crucial role for human Toll-like receptor 4 in the development of contact allergy to nickel. <i>Nature Immunology</i> , 2010, 11, 814-819.	14.5	525
2	Cell Cycle Inhibition by FoxO Forkhead Transcription Factors Involves Downregulation of Cyclin D. <i>Molecular and Cellular Biology</i> , 2002, 22, 7842-7852.	2.3	510
3	Mechanisms of chemical-induced innate immunity in allergic contact dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 1152-1163.	5.7	243
4	Endothelial-to-mesenchymal transition contributes to fibro-proliferative vascular disease and is modulated by fluid shear stress. <i>Cardiovascular Research</i> , 2015, 108, 377-386.	3.8	189
5	Keratinocytes and neutrophils are important sources of proinflammatory molecules in hidradenitis suppurativa. <i>British Journal of Dermatology</i> , 2016, 174, 514-521.	1.5	175
6	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> , 2006, 155, 62-66.	1.5	131
7	Metal allergens nickel and cobalt facilitate TLR4 homodimerization independently of MD2. <i>EMBO Reports</i> , 2012, 13, 1109-1115.	4.5	129
8	Erk5 Activation Elicits a Vasoprotective Endothelial Phenotype via Induction of KrÄ¼ppel-like Factor 4 (KLF4). <i>Journal of Biological Chemistry</i> , 2010, 285, 26199-26210.	3.4	120
9	Ras-independent Activation of the Raf/MEK/ERK Pathway upon Calcium-induced Differentiation of Keratinocytes. <i>Journal of Biological Chemistry</i> , 2000, 275, 41011-41017.	3.4	104
10	Ablation of the spindle assembly checkpoint by a compound targeting Mps1. <i>EMBO Reports</i> , 2005, 6, 866-872.	4.5	101
11	Human $\alpha\text{T} _H$ β cells are a subpopulation of PPAR- β γ T α cells. <i>Science Immunology</i> , 2019, 4, .	11.9	75
12	Nickel allergies: paying the Toll for innate immunity. <i>Journal of Molecular Medicine</i> , 2011, 89, 961-970.	3.9	73
13	The Contact Allergen Nickel Triggers a Unique Inflammatory and Proangiogenic Gene Expression Pattern via Activation of NF- κ B and Hypoxia-Inducible Factor-1 α . <i>Journal of Immunology</i> , 2007, 178, 3198-3207.	0.8	71
14	<i>Candida albicans</i> Triggers Activation of Distinct Signaling Pathways to Establish a Proinflammatory Gene Expression Program in Primary Human Endothelial Cells. <i>Journal of Immunology</i> , 2007, 179, 8435-8445.	0.8	56
15	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> , 2009, 69, 4175-4183.	0.9	51
16	Immunology of metal allergies. <i>JDDG - Journal of the German Society of Dermatology</i> , 2015, 13, 653-659.	0.8	50
17	Allergy-Inducing Chromium Compounds Trigger Potent Innate Immune Stimulation Via ROS-Dependent Inflammasome Activation. <i>Journal of Investigative Dermatology</i> , 2017, 137, 367-376.	0.7	47
18	Erk5 inhibits endothelial migration via KLF2-dependent down-regulation of PAK1. <i>Cardiovascular Research</i> , 2015, 105, 86-95.	3.8	43

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19	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> , 2009, 157, 769-780.	5.4	36
20	FOXO3 Modulates Endothelial Gene Expression and Function by Classical and Alternative Mechanisms. <i>Journal of Biological Chemistry</i> , 2010, 285, 10163-10178.	3.4	36
21	Potent NLRP3 Inflammasome Activation by the HIV Reverse Transcriptase Inhibitor Abacavir. <i>Journal of Biological Chemistry</i> , 2017, 292, 2805-2814.	3.4	35
22	The MEK5/ERK5 Pathway in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7594.	4.1	34
23	MEK5/ERK5 Signaling Modulates Endothelial Cell Migration and Focal Contact Turnover. <i>Journal of Biological Chemistry</i> , 2009, 284, 24972-24980.	3.4	33
24	In vivo functional analysis of the Daughter of Sevenless protein in receptor tyrosine kinase signaling. <i>Mechanisms of Development</i> , 2000, 90, 205-215.	1.7	28
25	Efficient Suppression of NRAS-Driven Melanoma by Co-Inhibition of ERK1/2 and ERK5 MAPK Pathways. <i>Journal of Investigative Dermatology</i> , 2020, 140, 2455-2465.e10.	0.7	24
26	The contact allergen nickel sensitizes primary human endothelial cells and keratinocytes to TRAIL-mediated apoptosis. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 1760-1776.	3.6	23
27	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> , 2018, 353, 1-10.	2.2	21
28	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> , 2016, 138, 1153-1162.	5.1	20
29	Morc1 knockout evokes a depression-like phenotype in mice. <i>Behavioural Brain Research</i> , 2016, 296, 7-14.	2.2	20
30	Selective Expression of Calcium-Binding Proteins S100A8 and S100A9 at Distinct Sites of Hair Follicles. <i>Journal of Investigative Dermatology</i> , 2001, 117, 748-750.	0.7	17
31	Exploiting the Compromised Spindle Assembly Checkpoint Function of Tumor Cells: Dawn on the Horizon?. <i>Cell Cycle</i> , 2006, 5, 159-163.	2.6	17
32	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> , 2012, 52, 794-802.	2.9	16
33	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> , 2018, 111, 49-58.	2.9	14
34	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> , 2007, 6, 3189-3197.	4.1	12
35	Altered NOX expression does not seem to account for epidermal NLRP3 inflammasome activation in hidradenitis suppurativa. <i>British Journal of Dermatology</i> , 2019, 181, 391-392.	1.5	5
36	Improved metal allergen reactivity of artificial skin models by integration of Toll-like receptor 4-positive cells. <i>Contact Dermatitis</i> , 2019, 81, 254-261.	1.4	5

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37	Methods to Investigate the Role of Toll-Like Receptors in Allergic Contact Dermatitis. <i>Methods in Molecular Biology</i> , 2016, 1390, 319-340.	0.9	5
38	Anti-Xa clotting activities in different hepatic-triglyceride lipase preparations from post-heparin plasma. <i>Thrombosis Research</i> , 1991, 63, 503-508.	1.7	2
39	Innate Immune System Response in Metal Allergy: Toll-Like Receptors. , 2018, , 75-84.		2
40	Animal models for nickel allergy. <i>Nature Nanotechnology</i> , 2011, 6, 533-533.	31.5	1
41	Zur Immunologie von Metallallergien. <i>JDDG - Journal of the German Society of Dermatology</i> , 2015, 13, 653-660.	0.8	1
42	Interaction of transcription factor FoxO3 with histone acetyltransferase complex subunit TRRAP modulates gene expression and apoptosis. <i>Journal of Biological Chemistry</i> , 2022, 298, 101714.	3.4	1