

# Matthias Schäfer

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

3,858  
citations

201674

27  
h-index

276875

41  
g-index

42  
all docs

42  
docs citations

42  
times ranked

6890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic activation of Nrf2 reduces cutaneous symptoms in a murine model of Netherton syndrome. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	2.4	6
2	Nrf2-Mediated Expansion of Pilosebaceous Cells Accelerates Cutaneous Wound Healing. <i>American Journal of Pathology</i> , 2019, 189, 568-579.	3.8	14
3	Nrf3 promotes UV-induced keratinocyte apoptosis through suppression of cell adhesion. <i>Cell Death and Differentiation</i> , 2018, 25, 1749-1765.	11.2	21
4	ERBB2 Is Essential for the Growth of Chemically Induced Skin Tumors in Mice. <i>Journal of Investigative Dermatology</i> , 2017, 137, 921-930.	0.7	20
5	NADPH oxidase 4 deficiency increases tubular cell death during acute ischemic reperfusion injury. <i>Scientific Reports</i> , 2016, 6, 38598.	3.3	36
6	Autocrine and Paracrine Regulation of Keratinocyte Proliferation through a Novel Nrf2-IL-36 $\beta$ Pathway. <i>Journal of Immunology</i> , 2016, 196, 4663-4670.	0.8	14
7	Sebaceous lipids are essential for water repulsion, protection against UVB-induced apoptosis, and ocular integrity in mice. <i>Development (Cambridge)</i> , 2016, 143, 1823-31.	2.5	29
8	Cell-specific Activation of the Nrf2 Antioxidant Pathway Increases Mucosal Inflammation in Acute but Not in Chronic Colitis. <i>Journal of Crohn's and Colitis</i> , 2016, 11, jiw172.	1.3	22
9	Nrf2 Activation Promotes Keratinocyte Survival during Early Skin Carcinogenesis via Metabolic Alterations. <i>Cancer Research</i> , 2015, 75, 4817-4829.	0.9	40
10	Nrf2 is a regulator of keratinocyte redox signaling. <i>Free Radical Biology and Medicine</i> , 2015, 88, 243-252.	2.9	143
11	ERBB3 is required for tumor promotion in a mouse model of skin carcinogenesis. <i>Molecular Oncology</i> , 2015, 9, 1825-1833.	4.6	17
12	Peroxiredoxin 6 in skin carcinogenesis. <i>Oncoscience</i> , 2014, 1, 392-393.	2.2	2
13	A novel Nrf2-miR-29-desmocollin-2 axis regulates desmosome function in keratinocytes. <i>Nature Communications</i> , 2014, 5, 5099.	12.8	58
14	Activation of Nrf2 in keratinocytes causes chloracne (MADISH)-like skin disease in mice. <i>EMBO Molecular Medicine</i> , 2014, 6, 442-457.	6.9	81
15	Transcriptional regulation of wound inflammation. <i>Seminars in Immunology</i> , 2014, 26, 321-328.	5.6	32
16	Overexpression of Epigen during Embryonic Development Induces Reversible, Epidermal Growth Factor Receptor-Dependent Sebaceous Gland Hyperplasia. <i>Molecular and Cellular Biology</i> , 2014, 34, 3086-3095.	2.3	25
17	Activated Nrf2 impairs liver regeneration in mice by activation of genes involved in cell-cycle control and apoptosis. <i>Hepatology</i> , 2014, 60, 670-678.	7.3	75
18	Genetic deletion of the EGFR ligand epigen does not affect mouse embryonic development and tissue homeostasis. <i>Experimental Cell Research</i> , 2013, 319, 529-535.	2.6	18

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19	Aldara activates TLR7-independent immune defence. <i>Nature Communications</i> , 2013, 4, 1560.	12.8	211
20	Dual Role of the Antioxidant Enzyme Peroxiredoxin 6 in Skin Carcinogenesis. <i>Cancer Research</i> , 2013, 73, 3460-3469.	0.9	56
21	Absence of Nrf2 or Its Selective Overexpression in Neurons and Muscle Does Not Affect Survival in ALS-Linked Mutant hSOD1 Mouse Models. <i>PLoS ONE</i> , 2013, 8, e56625.	2.5	39
22	Defective intestinal amino acid absorption in Ace2 null mice. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G686-G695.	3.4	92
23	Identification of UV-protective Activators of Nuclear Factor Erythroid-derived 2-Related Factor 2 (Nrf2) by Combining a Chemical Library Screen with Computer-based Virtual Screening. <i>Journal of Biological Chemistry</i> , 2012, 287, 33001-33013.	3.4	25
24	Amniotic Fluid Activates the Nrf2/Keap1 Pathway to Repair an Epidermal Barrier Defect In Utero. <i>Developmental Cell</i> , 2012, 23, 1238-1246.	7.0	53
25	Nrf2 links epidermal barrier function with antioxidant defense. <i>EMBO Molecular Medicine</i> , 2012, 4, 364-379.	6.9	153
26	Psoriasisform dermatitis is driven by IL-36-mediated DC-keratinocyte crosstalk. <i>Journal of Clinical Investigation</i> , 2012, 122, 3965-3976.	8.2	352
27	The Cornified Envelope: A First Line of Defense against Reactive Oxygen Species. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1409-1411.	0.7	25
28	Nrf2 establishes a glutathione-mediated gradient of UVB cytoprotection in the epidermis. <i>Genes and Development</i> , 2010, 24, 1045-1058.	5.9	142
29	Nrf2: A central regulator of UV protection in the epidermis. <i>Cell Cycle</i> , 2010, 9, 2917-2918.	2.6	35
30	Loss of serum response factor in keratinocytes results in hyperproliferative skin disease in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 899-910.	8.2	53
31	Cancer as an overhealing wound: an old hypothesis revisited. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 628-638.	37.0	779
32	Oxidative stress in normal and impaired wound repair. <i>Pharmacological Research</i> , 2008, 58, 165-171.	7.1	628
33	Peroxiredoxin 6 is required for blood vessel integrity in wounded skin. <i>Journal of Cell Biology</i> , 2007, 179, 747-760.	5.2	82
34	Discontinuous organization and specification of the lateral floor plate in zebrafish. <i>Developmental Biology</i> , 2007, 301, 117-129.	2.0	40
35	Transcriptional Control of Wound Repair. <i>Annual Review of Cell and Developmental Biology</i> , 2007, 23, 69-92.	9.4	159
36	Tissue-Specific Expression of <i>dmrt</i> Genes in Embryos and Adults of the Platyfish <i>Xiphophorus maculatus</i> . <i>Zebrafish</i> , 2006, 3, 325-337.	1.1	57

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37	Structural and functional characterization of the zebrafish lamin B receptor. <i>European Journal of Cell Biology</i> , 2006, 85, 813-824.	3.6	5
38	Identification and comparative expression analysis of a secondwt1 gene in zebrafish. <i>Developmental Dynamics</i> , 2006, 235, 554-561.	1.8	84
39	Medial floor plate formation in zebrafish consists of two phases and requires trunk-derived Midkine-a. <i>Genes and Development</i> , 2005, 19, 897-902.	5.9	39
40	Hedgehog and retinoid signalling confines nkx2.2b expression to the lateral floor plate of the zebrafish trunk. <i>Mechanisms of Development</i> , 2005, 122, 43-56.	1.7	36
41	Functional Divergence of Two Zebrafish Midkine Growth Factors Following Fish-Specific Gene Duplication. <i>Genome Research</i> , 2003, 13, 1067-1081.	5.5	60