

Mirko H H Schmidt

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

4,607
citations

109321

35
h-index

110387

64
g-index

68
all docs

68
docs citations

68
times ranked

8325
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cbl interactome and its functions. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 907-919.	37.0	355
2	Acetylation-dependent regulation of endothelial Notch signalling by the SIRT1 deacetylase. <i>Nature</i> , 2011, 473, 234-238.	27.8	350
3	The Role of Microglia in Diabetic Retinopathy: Inflammation, Microvasculature Defects and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2018, 19, 110.	4.1	249
4	Microgliaâ€“blood vessel interactions: a double-edged sword in brain pathologies. <i>Acta Neuropathologica</i> , 2016, 131, 347-363.	7.7	217
5	Perivascular microglia promote blood vessel disintegration in the ischemic penumbra. <i>Acta Neuropathologica</i> , 2015, 129, 279-295.	7.7	198
6	miR-126 and miR-126*: New Players in Cancer. <i>Scientific World Journal</i> , The, 2010, 10, 2090-2100.	2.1	188
7	Flt3-dependent transformation by inactivating c-Cbl mutations in AML. <i>Blood</i> , 2007, 110, 1004-1012.	1.4	177
8	Trends and Challenges in Tumor Anti-Angiogenic Therapies. <i>Cells</i> , 2019, 8, 1102.	4.1	150
9	Epidermal growth factor receptor signaling intensity determines intracellular protein interactions, ubiquitination, and internalization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6505-6510.	7.1	141
10	Regulation of Epidermal Growth Factor Receptor Trafficking by Lysine Deacetylase HDAC6. <i>Science Signaling</i> , 2009, 2, ra84.	3.6	140
11	Epidermal growth factor-like domain 7 (EGFL7) modulates Notch signalling and affects neural stem cell renewal. <i>Nature Cell Biology</i> , 2009, 11, 873-880.	10.3	132
12	CIN85 Associates with Multiple Effectors Controlling Intracellular Trafficking of Epidermal Growth Factor Receptors. <i>Molecular Biology of the Cell</i> , 2004, 15, 3155-3166.	2.1	123
13	Suppressors of T-cell Receptor Signaling Sts-1 and Sts-2 Bind to Cbl and Inhibit Endocytosis of Receptor Tyrosine Kinases. <i>Journal of Biological Chemistry</i> , 2004, 279, 32786-32795.	3.4	121
14	Alix/AIP1 Antagonizes Epidermal Growth Factor Receptor Downregulation by the Cbl-SETA/CIN85 Complex. <i>Molecular and Cellular Biology</i> , 2004, 24, 8981-8993.	2.3	108
15	EGFL7 meets miRNA-126: an angiogenesis alliance. <i>Journal of Angiogenesis Research</i> , 2010, 2, 9.	2.9	96
16	Angiopoietin-2 Impairs Revascularization After Limb Ischemia. <i>Circulation Research</i> , 2007, 101, 88-96.	4.5	93
17	EGFR and EGFRvIII Promote Angiogenesis and Cell Invasion in Glioblastoma: Combination Therapies for an Effective Treatment. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1295.	4.1	91
18	SETA/CIN85/Ruk and its binding partner AIP1 associate with diverse cytoskeletal elements, including FAKs, and modulate cell adhesion. <i>Journal of Cell Science</i> , 2003, 116, 2845-2855.	2.0	87

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19	Ataxin-2 associates with the endocytosis complex and affects EGF receptor trafficking. <i>Cellular Signalling</i> , 2008, 20, 1725-1739.	3.6	87
20	Neurodegeneration and Neuro-Regeneration in Alzheimer's Disease and Stem Cell Therapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4272.	4.1	78
21	Notching on Cancer's Door: Notch Signaling in Brain Tumors. <i>Frontiers in Oncology</i> , 2014, 4, 341.	2.8	76
22	Tunneling Nanotubes and Tumor Microtubes in Cancer. <i>Cancers</i> , 2020, 12, 857.	3.7	76
23	Ability of nanocrystalline hydroxyapatite paste to promote human periodontal ligament cell proliferation. <i>Journal of Oral Science</i> , 2008, 50, 279-285.	1.7	64
24	Evaluation of patatin as a major cross-reactive allergen in latex-induced potato allergy. <i>Annals of Allergy, Asthma and Immunology</i> , 2002, 89, 613-618.	1.0	63
25	Src Phosphorylation of Alix/AIP1 Modulates Its Interaction with Binding Partners and Antagonizes Its Activities*. <i>Journal of Biological Chemistry</i> , 2005, 280, 3414-3425.	3.4	63
26	Progranulin promotes peripheral nerve regeneration and reinnervation: role of notch signaling. <i>Molecular Neurodegeneration</i> , 2016, 11, 69.	10.8	63
27	Sprouty2 acts at the Cbl/CIN85 interface to inhibit epidermal growth factor receptor downregulation. <i>EMBO Reports</i> , 2005, 6, 635-641.	4.5	62
28	EGFL7 ligates α 2 β 3 integrin to enhance vessel formation. <i>Blood</i> , 2013, 121, 3041-3050.	1.4	62
29	Notch1 signaling promotes survival of glioblastoma cells via EGFR-mediated induction of anti-apoptotic Mcl-1. <i>Oncogene</i> , 2012, 31, 4698-4708.	5.9	61
30	The Role of SVZ Stem Cells in Glioblastoma. <i>Cancers</i> , 2019, 11, 448.	3.7	53
31	Switching of vascular phenotypes within a murine breast cancer model induced by angiopoietin-2. <i>Journal of Pathology</i> , 2009, 217, 571-580.	4.5	44
32	Progranulin overexpression in sensory neurons attenuates neuropathic pain in mice: Role of autophagy. <i>Neurobiology of Disease</i> , 2016, 96, 294-311.	4.4	44
33	Cbl escapes Cdc42-mediated inhibition by downregulation of the adaptor molecule β Pix. <i>Oncogene</i> , 2006, 25, 3071-3078.	5.9	39
34	VEGF isoforms and mutations in human colorectal cancer. <i>International Journal of Cancer</i> , 2002, 101, 32-36.	5.1	38
35	Resilience and Vulnerability to Pain and Inflammation in the Hippocampus. <i>International Journal of Molecular Sciences</i> , 2017, 18, 739.	4.1	38
36	Sonic Hedgehog Acts as a Negative Regulator of β -Catenin Signaling in the Adult Tongue Epithelium. <i>American Journal of Pathology</i> , 2010, 177, 404-414.	3.8	36

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37	Notch: Implications of endogenous inhibitors for therapy. <i>BioEssays</i> , 2010, 32, 481-487.	2.5	35
38	CIN85 regulates dopamine receptor endocytosis and governs behaviour in mice. <i>EMBO Journal</i> , 2010, 29, 2421-2432.	7.8	34
39	Malfunctions within the Cbl interactome uncouple receptor tyrosine kinases from destructive transport. <i>European Journal of Cell Biology</i> , 2007, 86, 505-512.	3.6	33
40	EGFL7 reduces CNS inflammation in mouse. <i>Nature Communications</i> , 2018, 9, 819.	12.8	33
41	EGFL7 enhances surface expression of integrin $\alpha 5 \beta 1$ to promote angiogenesis in malignant brain tumors. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	33
42	Deleted in Malignant Brain Tumors 1 is Present in the Vascular Extracellular Matrix and Promotes Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 442-448.	2.4	31
43	Photobiomodulation Mediates Neuroprotection against Blue Light Induced Retinal Photoreceptor Degeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2370.	4.1	30
44	Human periodontal ligament fibroblasts stimulated by nanocrystalline hydroxyapatite paste or enamel matrix derivative. An in vitro assessment of PDL attachment, migration, and proliferation. <i>Clinical Oral Investigations</i> , 2012, 16, 745-754.	3.0	26
45	Recommendations of the working group of the Anatomische Gesellschaft on reduction of formaldehyde exposure in anatomical curricula and institutes. <i>Annals of Anatomy</i> , 2019, 221, 179-185.	1.9	26
46	Neuron-Glia Interaction in the Developing and Adult Enteric Nervous System. <i>Cells</i> , 2021, 10, 47.	4.1	26
47	Human periodontal fibroblast response to a nanostructured hydroxyapatite bone replacement graft in vitro. <i>Archives of Oral Biology</i> , 2008, 53, 683-689.	1.8	25
48	Neurovascular EGFL7 regulates adult neurogenesis in the subventricular zone and thereby affects olfactory perception. <i>Nature Communications</i> , 2017, 8, 15922.	12.8	24
49	Proliferation marker pKi-67 occurs in different isoforms with various cellular effects. <i>Journal of Cellular Biochemistry</i> , 2004, 91, 1280-1292.	2.6	22
50	Suppression of Cell Division by pKi-67 Antisense-RNA and Recombinant Protein. <i>Cellular Physiology and Biochemistry</i> , 2001, 11, 331-338.	1.6	20
51	The influence of enamel matrix derivative on the angiogenic activity of primary endothelial cells. <i>Journal of Periodontal Research</i> , 2012, 47, 479-487.	2.7	20
52	Proliferation marker pKi-67 affects the cell cycle in a self-regulated manner. <i>Journal of Cellular Biochemistry</i> , 2002, 87, 334-341.	2.6	19
53	Prevention of age-associated neuronal hyperexcitability with improved learning and attention upon knockout or antagonism of LPAR2. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 1029-1050.	5.4	15
54	Studying protein isoforms of the adaptor SETA/CIN85/Ruk with monoclonal antibodies. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 174-182.	2.1	14

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55	EGFL7: A new player in homeostasis of the nervous system. <i>Cell Cycle</i> , 2010, 9, 1263-1269.	2.6	13
56	Progranulin deficiency confers resistance to autoimmune encephalomyelitis in mice. <i>Cellular and Molecular Immunology</i> , 2020, 17, 1077-1091.	10.5	13
57	The proliferation marker pKi-67 becomes masked to MIB-1 staining after expression of its tandem repeats. <i>Histochemistry and Cell Biology</i> , 2002, 118, 415-422.	1.7	11
58	Detection of mutations in the cDNA of the proliferation marker Ki-67 protein in four tumor cell lines. <i>Cancer Genetics and Cytogenetics</i> , 2004, 149, 81-84.	1.0	10
59	Ubiquitin and NEDD8: Brothers in Arms. <i>Science's STKE: Signal Transduction Knowledge Environment</i> , 2006, 2006, pe50-pe50.	3.9	10
60	Assays to Monitor Degradation of the EGF Receptor. , 2006, 327, 131-138.		4
61	Targeting Immune Modulators in Glioma While Avoiding Autoimmune Conditions. <i>Cancers</i> , 2021, 13, 3524.	3.7	4
62	No role of IFITM3 in brain tumor formation <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 86388-86405.	1.8	4
63	The soluble form of pan-RTK inhibitor and tumor suppressor LRIG1 mediates downregulation of AXL through direct protein-protein interaction in glioblastoma. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz024.	0.7	2
64	Gamma Irradiation Triggers Immune Escape in Glioma-Propagating Cells. <i>Cancers</i> , 2022, 14, 2728.	3.7	1
65	P11.09 Pan-RTK inhibition of sLRIG1 mediates AXL downregulation in Glioblastoma. <i>Neuro-Oncology</i> , 2019, 21, iii44-iii44.	1.2	0