Ralf S Schmid

List of Publications by Year
in descending order

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31 papers	2,569 citations	304743 22 h-index	414414 32 g-index
33 all docs	33 docs citations	33 times ranked	4143 citing authors

#	Article	IF	Citations
1	CRISPR/Cas9 directed to the Ube3a antisense transcript improves Angelman syndrome phenotype in mice. Journal of Clinical Investigation, 2021, 131, .	8.2	31
2	Chd8 haploinsufficiency impairs early brain development and protein homeostasis later in life. Molecular Autism, 2020, 11, 74.	4.9	19
3	Adeno-Associated Virus-Induced Dorsal Root Ganglion Pathology. Human Gene Therapy, 2020, 31, 808-818.	2.7	129
4	PIK3CA missense mutations promote glioblastoma pathogenesis, but do not enhance targeted PI3K inhibition. PLoS ONE, 2018, 13, e0200014.	2.5	18
5	Tumor-homing cytotoxic human induced neural stem cells for cancer therapy. Science Translational Medicine, 2017, 9, .	12.4	71
6	Genomic profiles of low-grade murine gliomas evolve during progression to glioblastoma. Neuro-Oncology, 2017, 19, 1237-1247.	1.2	16
7	Combination therapy with potent PI3K and MAPK inhibitors overcomes adaptive kinome resistance to single agents in preclinical models of glioblastoma. Neuro-Oncology, 2017, 19, 1469-1480.	1.2	42
8	TMOD-34. REACTIVE ASTROCYTES POTENTIATE TUMOR AGGRESSIVENESS IN AÂMURINE GLIOMA RESECTION AND RECURRENCE MODEL. Neuro-Oncology, 2016, 18, vi214-vi214.	1.2	1
9	Radiation Sensitivity in a Preclinical Mouse Model of Medulloblastoma Relies on the Function of the Intrinsic Apoptotic Pathway. Cancer Research, 2016, 76, 3211-3223.	0.9	25
10	Reactive astrocytes potentiate tumor aggressiveness in a murine glioma resection and recurrence model. Neuro-Oncology, 2016, 18, 1622-1633.	1.2	92
11	Core pathway mutations induce de-differentiation of murine astrocytes into glioblastoma stem cells that are sensitive to radiation but resistant to temozolomide. Neuro-Oncology, 2016, 18, 962-973.	1.2	38
12	Modeling Astrocytoma Pathogenesis In Vitro and In Vivo Using Cortical Astrocytes or Neural Stem Cells from Conditional, Genetically Engineered Mice. Journal of Visualized Experiments, 2014, , e51763.	0.3	9
13	Cooperativity between MAPK and PI3K signaling activation is required for glioblastoma pathogenesis. Neuro-Oncology, 2013, 15, 1317-1329.	1.2	55
14	Genetically engineered mouse models of diffuse gliomas. Brain Research Bulletin, 2012, 88, 72-79.	3.0	22
15	Selectivity, Cocrystal Structures, and Neuroprotective Properties of Leucettines, a Family of Protein Kinase Inhibitors Derived from the Marine Sponge Alkaloid Leucettamine B. Journal of Medicinal Chemistry, 2012, 55, 9312-9330.	6.4	174
16	Inhibition of c-Jun kinase provides neuroprotection in a model of Alzheimer's disease. Neurobiology of Disease, 2010, 39, 311-317.	4.4	73
17	Inhibitors of protein disulfide isomerase suppress apoptosis induced by misfolded proteins. Nature Chemical Biology, 2010, 6, 900-906.	8.0	277
18	L1 and NCAM adhesion molecules as signaling coreceptors in neuronal migration and process outgrowth. Current Opinion in Neurobiology, 2008, 18, 245-250.	4.2	192

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19	A methyl-CpG-binding protein 2â€“enhanced green fluorescent protein reporter mouse model provides a new tool for studying the neuronal basis of Rett syndrome. NeuroReport, 2008, 19, 393-398.	1.2	17
20	Reinduction of ErbB2 in astrocytes promotes radial glial progenitor identity in adult cerebral cortex. Genes and Development, 2007, 21, 3258-3271.	5.9	59
21	Generation and characterization of brain lipid-binding protein promoter-based transgenic mouse models for the study of radial glia. Glia, 2006, 53, 345-351.	4.9	43
22	The role of neuregulin-ErbB4 interactions on the proliferation and organization of cells in the subventricular zone. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1930-1935.	7.1	158
23	Reelin, Integrin and Dab1 Interactions during Embryonic Cerebral Cortical Development. Cerebral Cortex, 2005, 15, 1632-1636.	2.9	74
24	Î±3Î²1 integrin modulates neuronal migration and placement during early stages of cerebral cortical development. Development (Cambridge), 2004, 131, 6023-6031.	2.5	91
25	Close Homolog of L1 Modulates Area-Specific Neuronal Positioning and Dendrite Orientation in the Cerebral Cortex. Neuron, 2004, 44, 423-437.	8.1	104
26	Adhesion molecule L1 stimulates neuronal migration through Vav2-Pak1 signaling. NeuroReport, 2004, 15, 2791-4.	1.2	22
27	Neuregulin 1-erbB2 signaling is required for the establishment of radial glia and their transformation into astrocytes in cerebral cortex. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4251-4256.	7.1	185
28	Role of Integrins in the Development of the Cerebral Cortex. Cerebral Cortex, 2003, 13, 219-224.	2.9	117
29	NGF Enhances Sensory Axon Growth Induced by Laminin but Not by the L1 Cell Adhesion Molecule. Molecular and Cellular Neurosciences, 2002, 20, 2-12.	2.2	49
30	The Neural Cell Adhesion Molecule L1 Potentiates Integrin-Dependent Cell Migration to Extracellular Matrix Proteins. Journal of Neuroscience, 2002, 22, 4918-4931.	3.6	148
31	A MAP Kinase-Signaling Pathway Mediates Neurite Outgrowth on L1 and Requires Src-Dependent Endocytosis. Journal of Neuroscience, 2000, 20, 4177-4188.	3.6	216