

Ralf S Schmid

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Inhibitors of protein disulfide isomerase suppress apoptosis induced by misfolded proteins. <i>Nature Chemical Biology</i> , 2010, 6, 900-906. | 8.0 | 277 |
| 2 | A MAP Kinase-Signaling Pathway Mediates Neurite Outgrowth on L1 and Requires Src-Dependent Endocytosis. <i>Journal of Neuroscience</i> , 2000, 20, 4177-4188. | 3.6 | 216 |
| 3 | L1 and NCAM adhesion molecules as signaling coreceptors in neuronal migration and process outgrowth. <i>Current Opinion in Neurobiology</i> , 2008, 18, 245-250. | 4.2 | 192 |
| 4 | Neuregulin 1-erbB2 signaling is required for the establishment of radial glia and their transformation into astrocytes in cerebral cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4251-4256. | 7.1 | 185 |
| 5 | Selectivity, Cocystal Structures, and Neuroprotective Properties of Leucettines, a Family of Protein Kinase Inhibitors Derived from the Marine Sponge Alkaloid Leucettamine B. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9312-9330. | 6.4 | 174 |
| 6 | The role of neuregulin-ErbB4 interactions on the proliferation and organization of cells in the subventricular zone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1930-1935. | 7.1 | 158 |
| 7 | The Neural Cell Adhesion Molecule L1 Potentiates Integrin-Dependent Cell Migration to Extracellular Matrix Proteins. <i>Journal of Neuroscience</i> , 2002, 22, 4918-4931. | 3.6 | 148 |
| 8 | Adeno-Associated Virus-Induced Dorsal Root Ganglion Pathology. <i>Human Gene Therapy</i> , 2020, 31, 808-818. | 2.7 | 129 |
| 9 | Role of Integrins in the Development of the Cerebral Cortex. <i>Cerebral Cortex</i> , 2003, 13, 219-224. | 2.9 | 117 |
| 10 | Close Homolog of L1 Modulates Area-Specific Neuronal Positioning and Dendrite Orientation in the Cerebral Cortex. <i>Neuron</i> , 2004, 44, 423-437. | 8.1 | 104 |
| 11 | Reactive astrocytes potentiate tumor aggressiveness in a murine glioma resection and recurrence model. <i>Neuro-Oncology</i> , 2016, 18, 1622-1633. | 1.2 | 92 |
| 12 | $\alpha 3 \beta 1$ integrin modulates neuronal migration and placement during early stages of cerebral cortical development. <i>Development (Cambridge)</i> , 2004, 131, 6023-6031. | 2.5 | 91 |
| 13 | Reelin, Integrin and Dab1 Interactions during Embryonic Cerebral Cortical Development. <i>Cerebral Cortex</i> , 2005, 15, 1632-1636. | 2.9 | 74 |
| 14 | Inhibition of c-Jun kinase provides neuroprotection in a model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2010, 39, 311-317. | 4.4 | 73 |
| 15 | Tumor-homing cytotoxic human induced neural stem cells for cancer therapy. <i>Science Translational Medicine</i> , 2017, 9, . | 12.4 | 71 |
| 16 | Reinduction of ErbB2 in astrocytes promotes radial glial progenitor identity in adult cerebral cortex. <i>Genes and Development</i> , 2007, 21, 3258-3271. | 5.9 | 59 |
| 17 | Cooperativity between MAPK and PI3K signaling activation is required for glioblastoma pathogenesis. <i>Neuro-Oncology</i> , 2013, 15, 1317-1329. | 1.2 | 55 |
| 18 | NGF Enhances Sensory Axon Growth Induced by Laminin but Not by the L1 Cell Adhesion Molecule. <i>Molecular and Cellular Neurosciences</i> , 2002, 20, 2-12. | 2.2 | 49 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Generation and characterization of brain lipid-binding protein promoter-based transgenic mouse models for the study of radial glia. <i>Glia</i> , 2006, 53, 345-351. | 4.9 | 43 |
| 20 | Combination therapy with potent PI3K and MAPK inhibitors overcomes adaptive kinase resistance to single agents in preclinical models of glioblastoma. <i>Neuro-Oncology</i> , 2017, 19, 1469-1480. | 1.2 | 42 |
| 21 | Core pathway mutations induce de-differentiation of murine astrocytes into glioblastoma stem cells that are sensitive to radiation but resistant to temozolomide. <i>Neuro-Oncology</i> , 2016, 18, 962-973. | 1.2 | 38 |
| 22 | CRISPR/Cas9 directed to the Ube3a antisense transcript improves Angelman syndrome phenotype in mice. <i>Journal of Clinical Investigation</i> , 2021, 131, . | 8.2 | 31 |
| 23 | Radiation Sensitivity in a Preclinical Mouse Model of Medulloblastoma Relies on the Function of the Intrinsic Apoptotic Pathway. <i>Cancer Research</i> , 2016, 76, 3211-3223. | 0.9 | 25 |
| 24 | Genetically engineered mouse models of diffuse gliomas. <i>Brain Research Bulletin</i> , 2012, 88, 72-79. | 3.0 | 22 |
| 25 | Adhesion molecule L1 stimulates neuronal migration through Vav2-Pak1 signaling. <i>NeuroReport</i> , 2004, 15, 2791-4. | 1.2 | 22 |
| 26 | Chd8 haploinsufficiency impairs early brain development and protein homeostasis later in life. <i>Molecular Autism</i> , 2020, 11, 74. | 4.9 | 19 |
| 27 | PIK3CA missense mutations promote glioblastoma pathogenesis, but do not enhance targeted PI3K inhibition. <i>PLoS ONE</i> , 2018, 13, e0200014. | 2.5 | 18 |
| 28 | A methyl-CpG-binding protein 2-enhanced green fluorescent protein reporter mouse model provides a new tool for studying the neuronal basis of Rett syndrome. <i>NeuroReport</i> , 2008, 19, 393-398. | 1.2 | 17 |
| 29 | Genomic profiles of low-grade murine gliomas evolve during progression to glioblastoma. <i>Neuro-Oncology</i> , 2017, 19, 1237-1247. | 1.2 | 16 |
| 30 | Modeling Astrocytoma Pathogenesis <i>In Vitro</i> and <i>In Vivo</i> Using Cortical Astrocytes or Neural Stem Cells from Conditional, Genetically Engineered Mice. <i>Journal of Visualized Experiments</i> , 2014, , e51763. | 0.3 | 9 |
| 31 | TMOD-34. REACTIVE ASTROCYTES POTENTIATE TUMOR AGGRESSIVENESS IN A MURINE GLIOMA RESECTION AND RECURRENCE MODEL. <i>Neuro-Oncology</i> , 2016, 18, vi214-vi214. | 1.2 | 1 |