

Mireille Rossel

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

530
citations

840776

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713466

21
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21
all docs

21
docs citations

21
times ranked

875
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Interaction between Projection Neuron Precursors and Invading Interneurons via Stromal-Derived Factor 1 (CXCL12)/CXCR4 Signaling in the Cortical Subventricular Zone/Intermediate Zone. <i>Journal of Neuroscience</i> , 2006, 26, 13273-13278.	3.6	175
2	Recessive Mutations in RTN4IP1 Cause Isolated and Syndromic Optic Neuropathies. <i>American Journal of Human Genetics</i> , 2015, 97, 754-760.	6.2	54
3	Porous Porphyrin-Based Organosilica Nanoparticles for NIR Two-Photon Photodynamic Therapy and Gene Delivery in Zebrafish. <i>Advanced Functional Materials</i> , 2018, 28, 1800235.	14.9	50
4	CXCR4 and CXCR7 cooperate during tangential migration of facial motoneurons. <i>Molecular and Cellular Neurosciences</i> , 2009, 40, 474-484.	2.2	37
5	Activation of the sigma-1 receptor chaperone alleviates symptoms of Wolfram syndrome in preclinical models. <i>Science Translational Medicine</i> , 2022, 14, eabh3763.	12.4	29
6	Stromal cell-derived factor-1 (SDF-1) expression in embryonic mouse cerebral cortex starts in the intermediate zone close to the pallial-subpallial boundary and extends progressively towards the cortical hem. <i>Gene Expression Patterns</i> , 2005, 5, 317-322.	0.8	28
7	Calpain 2 expression pattern and sub-cellular localization during mouse embryogenesis. <i>International Journal of Developmental Biology</i> , 2008, 52, 383-388.	0.6	21
8	Zebrafish Prion Protein PrP2 Controls Collective Migration Process during Lateral Line Sensory System Development. <i>PLoS ONE</i> , 2014, 9, e113331.	2.5	18
9	Sonic Hedgehog repression underlies gigaxonin mutation-induced motor deficits in giant axonal neuropathy. <i>Journal of Clinical Investigation</i> , 2019, 129, 5312-5326.	8.2	18
10	CXCR7 Receptor Controls the Maintenance of Subpial Positioning of Cajal-Retzius Cells. <i>Cerebral Cortex</i> , 2015, 25, 3446-3457.	2.9	17
11	Neuroprotective brain-derived neurotrophic factor signaling in the TAU-P301L tauopathy zebrafish model. <i>Pharmacological Research</i> , 2020, 158, 104865.	7.1	16
12	Topographical memory analyzed in mice using the Hamlet test, a novel complex maze. <i>Neurobiology of Learning and Memory</i> , 2018, 149, 118-134.	1.9	12
13	Regenerating islet-derived 1± (REG-1±) protein increases tau phosphorylation in cell and animal models of tauopathies. <i>Neurobiology of Disease</i> , 2018, 119, 136-148.	4.4	11
14	Knockdown of the CXCL12/CXCR7 chemokine pathway results in learning deficits and neural progenitor maturation impairment in mice. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 697-710.	4.1	10
15	Improvement of Cell Penetrating Peptide for Efficient siRNA Targeting of Tumor Xenografts in Zebrafish Embryos. <i>Advanced Therapeutics</i> , 2020, 3, 1900204.	3.2	6
16	Zebrafish Models to Study New Pathways in Tauopathies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4626.	4.1	6
17	Variants in <i>USP48</i> encoding ubiquitin hydrolase are associated with autosomal dominant non-syndromic hereditary hearing loss. <i>Human Molecular Genetics</i> , 2021, 30, 1785-1796.	2.9	6
18	A rational study of the influence of Mn ²⁺ -insertion in Prussian blue nanoparticles on their photothermal properties. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9670-9683.	5.8	6

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19	Calpain 2 is required for sister chromatid cohesion. <i>Chromosoma</i> , 2010, 119, 267-274.	2.2	5
20	Photodynamic Therapy: Porous Porphyrin-Based Organosilica Nanoparticles for NIR Two-Photon Photodynamic Therapy and Gene Delivery in Zebrafish (<i>Adv. Funct. Mater.</i> 21/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870143.	14.9	4
21	Reg-1 $\hat{+}$ Promotes Differentiation of Cortical Progenitors via Its N-Terminal Active Domain. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 681.	3.7	1