David Lutz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5004792/publications.pdf

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21	394	759233 12	839539 18
papers	citations	h-index	g-index

22	22	22	531
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mice lacking perforin have improved regeneration of the injured femoral nerve. Neural Regeneration Research, 2022, 17, 1802.	3.0	2
2	Ghrelin Regulates Expression of the Transcription Factor Pax6 in Hypoxic Brain Progenitor Cells and Neurons. Cells, 2022, 11, 782.	4.1	3
3	Reelin signaling modulates GABA B receptor function in the neocortex. Journal of Neurochemistry, 2021, 156, 589-603.	3.9	12
4	Revisiting the proteolytic processing of cell adhesion molecule L1. Journal of Neurochemistry, 2021, 157, 1102-1117.	3.9	20
5	Ghrelin-Mediated Regeneration and Plasticity After Nervous System Injury. Frontiers in Cell and Developmental Biology, 2021, 9, 595914.	3.7	6
6	Editorial: Morphogenic Cascades Underlying Regeneration and Plasticity After Nervous System Injury. Frontiers in Cell and Developmental Biology, 2021, 9, 753777.	3.7	0
7	Differential modulation of short-term plasticity at hippocampal mossy fiber and Schaffer collateral synapses by mitochondrial Ca2+. PLoS ONE, 2020, 15, e0240610.	2.5	0
8	The cell adhesion molecule L1 interacts with nuclear proteins via its intracellular domain. FASEB Journal, 2020, 34, 9869-9883.	0.5	9
9	The Microtubule Severing Protein Katanin Regulates Proliferation of Neuronal Progenitors in Embryonic and Adult Neurogenesis. Scientific Reports, 2019, 9, 15940.	3.3	10
10	Assessment of Ultrastructural Neuroplasticity Parameters After In Utero Transduction of the Developing Mouse Brain and Spinal Cord. Journal of Visualized Experiments, 2019, , .	0.3	0
11	A fragment of adhesion molecule L1 is imported into mitochondria and regulates mitochondrial metabolism and trafficking. Journal of Cell Science, 2018, 131, .	2.0	18
12	A Fragment of Adhesion Molecule L1 Binds to Nuclear Receptors to Regulate Synaptic Plasticity and Motor Coordination. Molecular Neurobiology, 2018, 55, 7164-7178.	4.0	19
13	Trajectory Analysis Unveils Reelin's Role in the Directed Migration of Granule Cells in the Dentate Gyrus. Journal of Neuroscience, 2018, 38, 137-148.	3.6	25
14	Localising functionalised gold-nanoparticles in murine spinal cords by X-ray fluorescence imaging and background-reduction through spatial filtering for human-sized objects. Scientific Reports, 2018, 8, 16561.	3.3	25
15	Presenilins regulate synaptic plasticity and mitochondrial calcium homeostasis in the hippocampal mossy fiber pathway. Molecular Neurodegeneration, 2017, 12, 48.	10.8	22
16	Proteolytic cleavage of transmembrane cell adhesion molecule L1 by extracellular matrix molecule Reelin is important for mouse brain development. Scientific Reports, 2017, 7, 15268.	3.3	21
17	Polysialic acid enters the cell nucleus attached to a fragment of the neural cell adhesion molecule NCAM to regulate the circadian rhythm in mouse brain. Molecular and Cellular Neurosciences, 2016, 74, 114-127.	2.2	26
18	Myelin Basic Protein Cleaves Cell Adhesion Molecule L1 and Improves Regeneration After Injury. Molecular Neurobiology, 2016, 53, 3360-3376.	4.0	42

#	Article	IF	Citations
19	Cathepsin E generates a sumoylated intracellular fragment of the cell adhesion molecule L1 to promote neuronal and Schwann cell migration as well as myelination. Journal of Neurochemistry, 2014, 128, 713-724.	3.9	31
20	Myelin Basic Protein Cleaves Cell Adhesion Molecule L1 and Promotes Neuritogenesis and Cell Survival. Journal of Biological Chemistry, 2014, 289, 13503-13518.	3.4	48
21	Generation and Nuclear Translocation of Sumoylated Transmembrane Fragment of Cell Adhesion Molecule L1. Journal of Biological Chemistry, 2012, 287, 17161-17175.	3.4	55