

Matthias Gralle

List of Publications by Year in descending order

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16
papers

1,115
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1937
citing authors

#	ARTICLE	IF	CITATIONS
1	Alzheimer's Disease-Like Pathology Induced by Amyloid- β^2 Oligomers in Nonhuman Primates. <i>Journal of Neuroscience</i> , 2014, 34, 13629-13643.	3.6	189
2	Flotillin-Dependent Clustering of the Amyloid Precursor Protein Regulates Its Endocytosis and Amyloidogenic Processing in Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 2874-2882.	3.6	180
3	The diabetes drug liraglutide reverses cognitive impairment in mice and attenuates insulin receptor and synaptic pathology in a non-human primate model of Alzheimer's disease. <i>Journal of Pathology</i> , 2018, 245, 85-100.	4.5	180
4	Structure and functions of the human amyloid precursor protein: The whole is more than the sum of its parts. <i>Progress in Neurobiology</i> , 2007, 82, 11-32.	5.7	155
5	Neuroprotective Secreted Amyloid Precursor Protein Acts by Disrupting Amyloid Precursor Protein Dimers. <i>Journal of Biological Chemistry</i> , 2009, 284, 15016-15025.	3.4	118
6	pHlameleons: A Family of FRET-Based Protein Sensors for Quantitative pH Imaging. <i>Biochemistry</i> , 2008, 47, 13115-13126.	2.5	81
7	Solution Conformation and Heparin-induced Dimerization of the Full-length Extracellular Domain of the Human Amyloid Precursor Protein. <i>Journal of Molecular Biology</i> , 2006, 357, 493-508.	4.2	63
8	The neuronal insulin receptor in its environment. <i>Journal of Neurochemistry</i> , 2017, 140, 359-367.	3.9	44
9	Solution Studies and Structural Model of the Extracellular Domain of the Human Amyloid Precursor Protein. <i>Biophysical Journal</i> , 2002, 83, 3513-3524.	0.5	28
10	Brain infusion of β -synuclein oligomers induces motor and non-motor Parkinson's disease-like symptoms in mice. <i>Behavioural Brain Research</i> , 2017, 333, 150-160.	2.2	27
11	Folding and Stability of the Extracellular Domain of the Human Amyloid Precursor Protein. <i>Journal of Biological Chemistry</i> , 2003, 278, 34259-34267.	3.4	25
12	Secreted Human Amyloid Precursor Protein Binds Semaphorin 3a and Prevents Semaphorin-Induced Growth Cone Collapse. <i>PLoS ONE</i> , 2011, 6, e22857.	2.5	14
13	Spatial dynamics of the insulin receptor in living neurons. <i>Journal of Neurochemistry</i> , 2021, 156, 88-105.	3.9	5
14	A Comprehensive Functional Analysis of Ancestral Human Signal Peptides. <i>Molecular Biology and Evolution</i> , 2011, 28, 25-28.	8.9	4
15	A functional test of Neandertal and modern human mitochondrial targeting sequences. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 747-749.	2.1	1
16	Functional test of PCDHB11, the most human-specific neuronal surface protein. <i>BMC Evolutionary Biology</i> , 2016, 16, 75.	3.2	1