

Frederic J Hoerndli

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,343
citations

623734

14
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794594

19
g-index

22
all docs

22
docs citations

22
times ranked

2299
citing authors

#	ARTICLE	IF	CITATIONS
1	Common <i>Kibra</i> Alleles Are Associated with Human Memory Performance. <i>Science</i> , 2006, 314, 475-478.	12.6	391
2	β -Amyloid Induces Paired Helical Filament-like Tau Filaments in Tissue Culture. <i>Journal of Biological Chemistry</i> , 2003, 278, 40162-40168.	3.4	159
3	Role for glyoxalase I in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 7687-7692.	7.1	150
4	Wnt Signaling Regulates Acetylcholine Receptor Translocation and Synaptic Plasticity in the Adult Nervous System. <i>Cell</i> , 2012, 149, 173-187.	28.9	88
5	Kinesin-1 Regulates Synaptic Strength by Mediating the Delivery, Removal, and Redistribution of AMPA Receptors. <i>Neuron</i> , 2013, 80, 1421-1437.	8.1	79
6	Reference genes identified in SH-SY5Y cells using custom-made gene arrays with validation by quantitative polymerase chain reaction. <i>Analytical Biochemistry</i> , 2004, 335, 30-41.	2.4	73
7	Calmodulin-binding transcription activator 1 (CAMTA1) alleles predispose human episodic memory performance. <i>Human Molecular Genetics</i> , 2007, 16, 1469-1477.	2.9	66
8	Neuronal Activity and CaMKII Regulate Kinesin-Mediated Transport of Synaptic AMPARs. <i>Neuron</i> , 2015, 86, 457-474.	8.1	64
9	Cornichons Control ER Export of AMPA Receptors to Regulate Synaptic Excitability. <i>Neuron</i> , 2013, 80, 129-142.	8.1	46
10	Functional Genomics meets neurodegenerative disorders. <i>Progress in Neurobiology</i> , 2005, 76, 169-188.	5.7	42
11	The SOL-2/Neto Auxiliary Protein Modulates the Function of AMPA-Subtype Ionotropic Glutamate Receptors. <i>Neuron</i> , 2012, 75, 838-850.	8.1	40
12	A Conserved Function of <i>C. elegans</i> CASY-1 Calsyntenin in Associative Learning. <i>PLoS ONE</i> , 2009, 4, e4880.	2.5	38
13	Functional Genomics meets neurodegenerative disorders. <i>Progress in Neurobiology</i> , 2005, 76, 153-168.	5.7	33
14	β treatment and P301L tau expression in an Alzheimer's disease tissue culture model act synergistically to promote aberrant cell cycle re-entry. <i>European Journal of Neuroscience</i> , 2007, 26, 60-72.	2.6	31
15	Reactive Oxygen Species Modulate Activity-Dependent AMPA Receptor Transport in <i>C. elegans</i> . <i>Journal of Neuroscience</i> , 2020, 40, 7405-7420.	3.6	12
16	Regulation of neuronal excitability by reactive oxygen species and calcium signaling: Insights into brain aging. <i>Current Research in Neurobiology</i> , 2021, 2, 100012.	2.3	10
17	Functional Genomics Dissects Pathomechanisms in Tauopathies: Mitosis Failure and Unfolded Protein Response. <i>Neurodegenerative Diseases</i> , 2008, 5, 179-181.	1.4	9
18	MAPK signaling and a mobile scaffold complex regulate AMPA receptor transport to modulate synaptic strength. <i>Cell Reports</i> , 2022, 38, 110577.	6.4	8

#	ARTICLE	IF	CITATIONS
19	Mobile AMPARs are required for synaptic plasticity. Channels, 2015, 9, 230-232.	2.8	3