

Helena Decker

List of Publications by Year in descending order

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17
papers

2,122
citations

623734

14
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

3469
citing authors

#	ARTICLE	IF	CITATIONS
1	An anti-diabetes agent protects the mouse brain from defective insulin signaling caused by Alzheimer's disease-associated A β oligomers. <i>Journal of Clinical Investigation</i> , 2012, 122, 1339-1353.	8.2	697
2	Protection of synapses against Alzheimer's-linked toxins: Insulin signaling prevents the pathogenic binding of A β oligomers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1971-1976.	7.1	592
3	Amyloid- β Peptide Oligomers Disrupt Axonal Transport through an NMDA Receptor-Dependent Mechanism That Is Mediated by Glycogen Synthase Kinase 3A in Primary Cultured Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2010, 30, 9166-9171.	3.6	187
4	Methylated aspartate receptors are required for synaptic targeting of Alzheimer's toxic amyloid- β peptide oligomers. <i>Journal of Neurochemistry</i> , 2010, 115, 1520-1529.	3.9	141
5	Glutamate-induced Toxicity in Hippocampal Slices Involves Apoptotic Features and p38MAPK Signaling. <i>Neurochemical Research</i> , 2008, 33, 27-36.	3.3	84
6	Thyroid hormone increases astrocytic glutamate uptake and protects astrocytes and neurons against glutamate toxicity. <i>Journal of Neuroscience Research</i> , 2008, 86, 3117-3125.	2.9	79
7	A novel assay reveals preferential binding between Rab5, kinesins, and specific endosomal subpopulations. <i>Journal of Cell Biology</i> , 2015, 208, 273-281.	5.2	71
8	A novel split kinesin assay identifies motor proteins that interact with distinct vesicle populations. <i>Journal of Cell Biology</i> , 2012, 198, 749-761.	5.2	66
9	Amyloid- β oligomers induce tau-independent disruption of BDNF axonal transport via calcineurin activation in cultured hippocampal neurons. <i>Molecular Biology of the Cell</i> , 2013, 24, 2494-2505.	2.1	57
10	Neurotoxicity Induced by Glutamate in Glucose-Deprived Rat Hippocampal Slices is Prevented by GMP. <i>Neurochemical Research</i> , 2005, 30, 83-89.	3.3	36
11	GMP prevents excitotoxicity mediated by NMDA receptor activation but not by reversal activity of glutamate transporters in rat hippocampal slices. <i>Brain Research</i> , 2008, 1231, 113-120.	2.2	28
12	Axonal transport plays a crucial role in mediating the axon-protective effects of NmNAT. <i>Neurobiology of Disease</i> , 2014, 68, 78-90.	4.4	24
13	Guanine derivatives modulate extracellular matrix proteins organization and improve neuron-astrocyte co-culture. <i>Journal of Neuroscience Research</i> , 2007, 85, 1943-1951.	2.9	21
14	Biochemical alterations in caged Nile tilapia <i>Oreochromis niloticus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 864-872.	6.0	14
15	Guanosine and GMP increase the number of granular cerebellar neurons in culture: dependence on adenosine A2A and ionotropic glutamate receptors. <i>Purinergic Signalling</i> , 2019, 15, 439-450.	2.2	13
16	Impaired astrocytic extracellular matrix distribution under congenital hypothyroidism affects neuronal development in vitro. <i>Journal of Neuroscience Research</i> , 2010, 88, 3350-3360.	2.9	11
17	The Clathrin Adaptor Complex Responsible for Somatodendritic Protein Sorting. <i>Neuron</i> , 2012, 75, 742-744.	8.1	1