

Henri J Huttunen

List of Publications by Year in descending order

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41
papers

3,363
citations

218677

26
h-index

289244

40
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41
all docs

41
docs citations

41
times ranked

4483
citing authors

#	ARTICLE	IF	CITATIONS
1	Receptor for Advanced Glycation End Products (RAGE)-mediated Neurite Outgrowth and Activation of NF- κ B Require the Cytoplasmic Domain of the Receptor but Different Downstream Signaling Pathways. <i>Journal of Biological Chemistry</i> , 1999, 274, 19919-19924.	3.4	570
2	Coregulation of Neurite Outgrowth and Cell Survival by Amphoterin and S100 Proteins through Receptor for Advanced Glycation End Products (RAGE) Activation. <i>Journal of Biological Chemistry</i> , 2000, 275, 40096-40105.	3.4	516
3	The ACAT Inhibitor CP-113,818 Markedly Reduces Amyloid Pathology in a Mouse Model of Alzheimer's Disease. <i>Neuron</i> , 2004, 44, 227-238.	8.1	249
4	Receptor for advanced glycation end products-binding COOH-terminal motif of amphoterin inhibits invasive migration and metastasis. <i>Cancer Research</i> , 2002, 62, 4805-11.	0.9	205
5	Mechanisms of secretion and spreading of pathological tau protein. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1721-1744.	5.4	174
6	Receptor for Advanced Glycation End Products (RAGE) Signaling Induces CREB-dependent Chromogranin Expression during Neuronal Differentiation. <i>Journal of Biological Chemistry</i> , 2002, 277, 38635-38646.	3.4	152
7	Heparin-binding proteins HB-GAM (pleiotrophin) and amphoterin in the regulation of cell motility. <i>Matrix Biology</i> , 2000, 19, 377-387.	3.6	139
8	N-Glycans on the receptor for advanced glycation end products influence amphoterin binding and neurite outgrowth. <i>Journal of Neurochemistry</i> , 2002, 80, 998-1008.	3.9	119
9	Secretion of Tau via an Unconventional Non-vesicular Mechanism. <i>Cell Reports</i> , 2018, 25, 2027-2035.e4.	6.4	117
10	PCSK9 regulates neuronal apoptosis by adjusting ApoER2 levels and signaling. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 1903-1916.	5.4	106
11	HtrA2 Regulates β -Amyloid Precursor Protein (APP) Metabolism through Endoplasmic Reticulum-associated Degradation. <i>Journal of Biological Chemistry</i> , 2007, 282, 28285-28295.	3.4	64
12	GDNF and Parkinson's Disease: Where Next? A Summary from a Recent Workshop. <i>Journal of Parkinson's Disease</i> , 2020, 10, 875-891.	2.8	63
13	Internalized Tau sensitizes cells to stress by promoting formation and stability of stress granules. <i>Scientific Reports</i> , 2016, 6, 30498.	3.3	62
14	CDNF Protein Therapy in Parkinson's Disease. <i>Cell Transplantation</i> , 2019, 28, 349-366.	2.5	60
15	Prolyl Oligopeptidase Enhances β -Synuclein Dimerization via Direct Protein-Protein Interaction. <i>Journal of Biological Chemistry</i> , 2015, 290, 5117-5126.	3.4	56
16	Transcriptomics and mechanistic elucidation of Alzheimer's disease risk genes in the brain and in vitro models. <i>Neurobiology of Aging</i> , 2015, 36, 1221.e15-1221.e28.	3.1	55
17	The Acyl-Coenzyme A: Cholesterol Acyltransferase Inhibitor CI-1011 Reverses Diffuse Brain Amyloid Pathology in Aged Amyloid Precursor Protein Transgenic Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 777-788.	1.7	50
18	Knockdown of ACAT1 reduces amyloidogenic processing of APP. <i>FEBS Letters</i> , 2007, 581, 1688-1692.	2.8	49

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19	Inhibition of acyl-coenzyme A: cholesterol acyl transferase modulates amyloid precursor protein trafficking in the early secretory pathway. <i>FASEB Journal</i> , 2009, 23, 3819-3828.	0.5	49
20	Mitochondria and NMDA Receptor-Dependent Toxicity of Berberine Sensitizes Neurons to Glutamate and Rotenone Injury. <i>PLoS ONE</i> , 2014, 9, e107129.	2.5	47
21	ACAT as a Drug Target for Alzheimer's Disease. <i>Neurodegenerative Diseases</i> , 2008, 5, 212-214.	1.4	42
22	Expression of GluK1c underlies the developmental switch in presynaptic kainate receptor function. <i>Scientific Reports</i> , 2012, 2, 310.	3.3	39
23	γ -Aminobutyric Acid Type A (GABAA) Receptor Activation Modulates Tau Phosphorylation. <i>Journal of Biological Chemistry</i> , 2012, 287, 6743-6752.	3.4	36
24	The interaction of α -synuclein and Tau: A molecular conspiracy in neurodegeneration?. <i>Seminars in Cell and Developmental Biology</i> , 2020, 99, 55-64.	5.0	35
25	Intrastrially Infused Exogenous CDFN Is Endocytosed and Retrogradely Transported to Substantia Nigra. <i>ENeuro</i> , 2017, 4, ENEURO.0128-16.2017.	1.9	32
26	Melatonin receptor type 1A gene linked to Alzheimer's disease in old age. <i>Sleep</i> , 2018, 41, .	1.1	30
27	The Cell Biology of Tau Secretion. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 569818.	2.9	28
28	FRMD4A-cytohesin signaling modulates cellular release of Tau. <i>Journal of Cell Science</i> , 2016, 129, 2003-15.	2.0	27
29	Cerebral dopamine neurotrophic factor reduces α -synuclein aggregation and propagation and alleviates behavioral alterations in vivo. <i>Molecular Therapy</i> , 2021, 29, 2821-2840.	8.2	26
30	A microfluidic chip for axonal isolation and electrophysiological measurements. <i>Journal of Neuroscience Methods</i> , 2013, 212, 276-282.	2.5	25
31	Novel N-terminal Cleavage of APP Precludes $A\beta$ Generation in ACAT-Defective AC29 Cells. <i>Journal of Molecular Neuroscience</i> , 2009, 37, 6-15.	2.3	23
32	Axonal Kainate Receptors Modulate the Strength of Efferent Connectivity by Regulating Presynaptic Differentiation. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 3.	3.7	22
33	Amyloid precursor protein β - and γ -cleaved ectodomains exert opposing control of cholesterol homeostasis via SREBP2. <i>FASEB Journal</i> , 2014, 28, 849-860.	0.5	20
34	Microtechnologies to fuel neurobiological research with nanometer precision. <i>Journal of Nanobiotechnology</i> , 2013, 11, 11.	9.1	19
35	Live-cell monitoring of protein localization to membrane rafts using protein-fragment complementation. <i>Bioscience Reports</i> , 2020, 40, .	2.4	19
36	Stress-induced upregulation of VLDL receptor alters Wnt-signaling in neurons. <i>Experimental Cell Research</i> , 2016, 340, 238-247.	2.6	18

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37	Multiplex Assay for Live-Cell Monitoring of Cellular Fates of Amyloid- β Precursor Protein (APP). PLoS ONE, 2014, 9, e98619.	2.5	11
38	Inhibition of Homophilic Interactions and Ligand Binding of the Receptor for Advanced Glycation End Products by Heparin and Heparin-Related Carbohydrate Structures. Medicines (Basel, Switzerland), 2018, 5, 79.	1.4	4
39	Plasma etched carbon microelectrode arrays for bioelectrical measurements. Diamond and Related Materials, 2018, 90, 126-134.	3.9	3
40	Cholesterol and β -Amyloid. , 2007, , 93-111.		1
41	Asymmetric Genetic Manipulation and Patch Clamp Recording of Neurons in a Microfluidic Chip. Neuromethods, 2015, , 59-81.	0.3	1