

Kari R Hoyt

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

1,760
citations

21
h-index

36
g-index

36
ext. papers

1,921
ext. citations

5.5
avg, IF

4.21
L-index

#	Paper	IF	Citations
36	Circadian clocks, cognition, and Alzheimer's disease: synaptic mechanisms, signaling effectors, and chronotherapeutics.. <i>Molecular Neurodegeneration</i> , 2022 , 17, 35	19	2
35	Light-induced changes in the suprachiasmatic nucleus transcriptome regulated by the ERK/MAPK pathway. <i>PLoS ONE</i> , 2021 , 16, e0249430	3.7	3
34	SynGAP is expressed in the murine suprachiasmatic nucleus and regulates circadian-gated locomotor activity and light-entrainment capacity. <i>European Journal of Neuroscience</i> , 2021 , 53, 732-749	3.5	2
33	miR-132/212 is induced by stress and its dysregulation triggers anxiety-related behavior. <i>Neuropharmacology</i> , 2019 , 144, 256-270	5.5	19
32	miR-132 couples the circadian clock to daily rhythms of neuronal plasticity and cognition. <i>Learning and Memory</i> , 2018 , 25, 214-229	2.8	22
31	Circadian expression and functional characterization of PEA-15 within the mouse suprachiasmatic nucleus. <i>European Journal of Neuroscience</i> , 2018 , 47, 845-857	3.5	2
30	Data highlighting the expression of two miR-132/212 target genes-Sirt1 and Pten-after chronic stress. <i>Data in Brief</i> , 2018 , 21, 2323-2329	1.2	0
29	The Phosphorylation of CREB at Serine 133 Is a Key Event for Circadian Clock Timing and Entrainment in the Suprachiasmatic Nucleus. <i>Journal of Biological Rhythms</i> , 2018 , 33, 497-514	3.2	10
28	Mitogen- and Stress-Activated Protein Kinase 1 Regulates Status Epilepticus-Evoked Cell Death in the Hippocampus. <i>ASN Neuro</i> , 2017 , 9, 1759091417726607	5.3	7
27	Status epilepticus stimulates NDEL1 expression via the CREB/CRE pathway in the adult mouse brain. <i>Neuroscience</i> , 2016 , 331, 1-12	3.9	8
26	The miR-132/212 locus: a complex regulator of neuronal plasticity, gene expression and cognition. <i>RNA & Disease (Houston, Tex)</i> , 2016 , 3,	1	18
25	Modulation of learning and memory by the targeted deletion of the circadian clock gene Bmal1 in forebrain circuits. <i>Behavioural Brain Research</i> , 2016 , 308, 222-35	3.4	49
24	Activation of Mitofusin2 by Smad2-RIN1 Complex during Mitochondrial Fusion. <i>Molecular Cell</i> , 2016 , 62, 520-31	17.6	26
23	Mitogen and stress-activated kinases 1/2 regulate ischemia-induced hippocampal progenitor cell proliferation and neurogenesis. <i>Neuroscience</i> , 2015 , 285, 292-302	3.9	18
22	Clock and light regulation of the CREB coactivator CRT1 in the suprachiasmatic circadian clock. <i>Journal of Neuroscience</i> , 2013 , 33, 9021-7	6.6	37
21	Mitogen- and stress-activated kinases regulate progenitor cell proliferation and neuron development in the adult dentate gyrus. <i>Journal of Neurochemistry</i> , 2012 , 123, 676-88	6	16
20	CREB is a key regulator of striatal vulnerability in chemical and genetic models of Huntington's disease. <i>Neurobiology of Disease</i> , 2009 , 36, 259-68	7.5	38

19	The CREB/CRE transcriptional pathway: protection against oxidative stress-mediated neuronal cell death. <i>Journal of Neurochemistry</i> , 2009 , 108, 1251-65	6	119
18	IGF-1 receptor-mediated ERK/MAPK signaling couples status epilepticus to progenitor cell proliferation in the subgranular layer of the dentate gyrus. <i>Glia</i> , 2008 , 56, 791-800	9	113
17	Bioenergetic and oxidative effects of free 3-nitrotyrosine in culture: selective vulnerability of dopaminergic neurons and increased sensitivity of non-dopaminergic neurons to dopamine oxidation. <i>Journal of Neurochemistry</i> , 2007 , 103, 131-44	6	7
16	Cardiac dysfunction in the R6/2 mouse model of Huntington's disease. <i>Neurobiology of Disease</i> , 2007 , 25, 297-308	7.5	115
15	Metformin therapy in a transgenic mouse model of Huntington's disease. <i>Neuroscience Letters</i> , 2007 , 411, 98-103	3.3	172
14	A sensitive and selective assay of neuronal degeneration in cell culture. <i>Journal of Neuroscience Methods</i> , 2006 , 154, 239-44	3	22
13	Activity-dependent neuroprotection and cAMP response element-binding protein (CREB): kinase coupling, stimulus intensity, and temporal regulation of CREB phosphorylation at serine 133. <i>Journal of Neuroscience</i> , 2005 , 25, 1137-48	6.6	143
12	CRE-mediated transcription is increased in Huntington's disease transgenic mice. <i>Journal of Neuroscience</i> , 2004 , 24, 791-6	6.6	88
11	The ERK/MAP kinase pathway couples light to immediate-early gene expression in the suprachiasmatic nucleus. <i>European Journal of Neuroscience</i> , 2003 , 17, 1617-27	3.5	96
10	Metabolic and glutamatergic disturbances in the Huntington's disease transgenic mouse. <i>Annals of the New York Academy of Sciences</i> , 1999 , 893, 298-300	6.5	16
9	The role of intracellular Na ⁺ and mitochondria in buffering of kainate-induced intracellular free Ca ²⁺ changes in rat forebrain neurones. <i>Journal of Physiology</i> , 1998 , 509 (Pt 1), 103-16	3.9	40
8	Alkalinization prolongs recovery from glutamate-induced increases in intracellular Ca ²⁺ concentration by enhancing Ca ²⁺ efflux through the mitochondrial Na ⁺ /Ca ²⁺ exchanger in cultured rat forebrain neurons. <i>Journal of Neurochemistry</i> , 1998 , 71, 1051-8	6	47
7	Reverse Na ⁺ /Ca ²⁺ Exchange Contributes to Glutamate-Induced Intracellular Ca ²⁺ Concentration Increases in Cultured Rat Forebrain Neurons. <i>Molecular Pharmacology</i> , 1998 , 53, 742-749	4.3	119
6	Mechanisms of dopamine-induced cell death in cultured rat forebrain neurons: interactions with and differences from glutamate-induced cell death. <i>Experimental Neurology</i> , 1997 , 143, 269-81	5.7	85
5	Trifluoperazine and dibucaine-induced inhibition of glutamate-induced mitochondrial depolarization in rat cultured forebrain neurones. <i>British Journal of Pharmacology</i> , 1997 , 122, 803-8	8.6	39
4	Characterization of hydrogen peroxide toxicity in cultured rat forebrain neurons. <i>Neurochemical Research</i> , 1997 , 22, 333-40	4.6	89
3	Intracellular Signalling in Glutamate Excitotoxicity 1996 , 1-7		
2	Cyclothiazide modulates AMPA receptor-mediated increases in intracellular free Ca ²⁺ and Mg ²⁺ in cultured neurons from rat brain. <i>Journal of Neurochemistry</i> , 1995 , 64, 2049-56	6	27

- 1 Nitric oxide modulates NMDA-induced increases in intracellular Ca²⁺ in cultured rat forebrain neurons. *Brain Research*, **1992**, 592, 310-6

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