Daniel A Nicholson

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3335610/publications.pdf

Version: 2024-02-01

52 papers	2,887 citations	230014 27 h-index	206121 51 g-index
54 all docs	54 docs citations	54 times ranked	4657 citing authors

#	Article	IF	Citations
1	The application of <i>in vitro</i>â€derived human neurons in neurodegenerative disease modeling. Journal of Neuroscience Research, 2021, 99, 124-140.	1.3	26
2	Cognitive aging is associated with redistribution of synaptic weights in the hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	22
3	Frequency-Dependent Synaptic Dynamics Differentially Tune CA1 and CA2 Pyramidal Neuron Responses to Cortical Input. Journal of Neuroscience, 2021, 41, 8103-8110.	1.7	7
4	GluN3-Containing NMDA Receptors in the Rat Nucleus Accumbens Core Contribute to Incubation of Cocaine Craving. Journal of Neuroscience, 2021, 41, 8262-8277.	1.7	8
5	Variability in sub-threshold signaling linked to Alzheimer's disease emerges with age and amyloid plaque deposition in mouse ventral CA1 pyramidal neurons. Neurobiology of Aging, 2021, 106, 207-222.	1.5	5
6	Ginkgolic acid inhibits fusion of enveloped viruses. Scientific Reports, 2020, 10, 4746.	1.6	42
7	Neuronal BIN1 Regulates Presynaptic Neurotransmitter Release and Memory Consolidation. Cell Reports, 2020, 30, 3520-3535.e7.	2.9	59
8	JC virus infection of meningeal and choroid plexus cells in patients with progressive multifocal leukoencephalopathy. Journal of NeuroVirology, 2019, 25, 520-524.	1.0	14
9	Aberrant accrual of BIN1 near Alzheimerâ€™s disease amyloid deposits in transgenic models. Brain Pathology, 2019, 29, 485-501.	2.1	25
10	HCN channels in the hippocampus regulate active coping behavior. Journal of Neurochemistry, 2018, 146, 753-766.	2.1	11
11	Store depletion-induced h-channel plasticity rescues a channelopathy linked to Alzheimerâ€™s disease. Neurobiology of Learning and Memory, 2018, 154, 141-157.	1.0	17
12	The Dendrites of CA2 and CA1 Pyramidal Neurons Differentially Regulate Information Flow in the Cortico-Hippocampal Circuit. Journal of Neuroscience, 2017, 37, 3276-3293.	1.7	54
13	Robust graft survival and normalized dopaminergic innervation do not obligate recovery in a <scp>P</scp>arkinson disease patient. Annals of Neurology, 2017, 81, 46-57.	2.8	72
14	Delayed Maturation of Fast-Spiking Interneurons Is Rectified by Activation of the TrkB Receptor in the Mouse Model of Fragile X Syndrome. Journal of Neuroscience, 2017, 37, 11298-11310.	1.7	45
15	Presynaptic dystrophic neurites surrounding amyloid plaques are sites of microtubule disruption, BACE1 elevation, and increased AÎ² generation in Alzheimerâ€™s disease. Acta Neuropathologica, 2016, 132, 235-256.	3.9	193
16	Identification of TMEM230 mutations in familial Parkinson's disease. Nature Genetics, 2016, 48, 733-739.	9.4	146
17	Aging-Related Hyperexcitability in CA3 Pyramidal Neurons Is Mediated by Enhanced A-Type K⁺Channel Function and Expression. Journal of Neuroscience, 2015, 35, 13206-13218.	1.7	85
18	Evidence for Alzheimerâ€™s disease-linked synapse loss and compensation in mouse and human hippocampal CA1 pyramidal neurons. Brain Structure and Function, 2015, 220, 3143-3165.	1.2	83

#	Article	IF	Citations
19	Age-related impairments on one hippocampal-dependent task predict impairments on a subsequent hippocampal-dependent task.. Behavioral Neuroscience, 2014, 128, 676-688.	0.6	11
20	The Alzheimerâ€™s Î²-secretase BACE1 localizes to normal presynaptic terminals and to dystrophic presynaptic terminals surrounding amyloid plaques. Acta Neuropathologica, 2013, 126, 329-352.	3.9	190
21	Balanced Synaptic Impact via Distance-Dependent Synapse Distribution and Complementary Expression of AMPARs and NMDARs in Hippocampal Dendrites. Neuron, 2013, 80, 1451-1463.	3.8	37
22	Differential expression of HCN subunits alters voltage-dependent gating of <i>h</i>-channels in CA1 pyramidal neurons from dorsal and ventral hippocampus. Journal of Neurophysiology, 2013, 109, 1940-1953.	0.9	92
23	Inactivation of the microRNA <i>-183/96/182</i> cluster results in syndromic retinal degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E507-16.	3.3	173
24	Spatially restricted actinâ€regulatory signaling contributes to synapse morphology. Journal of Neurochemistry, 2012, 121, 852-860.	2.1	4
25	Regulation of Axonal HCN1 Trafficking in Perforant Path Involves Expression of Specific TRIP8b Isoforms. PLoS ONE, 2012, 7, e32181.	1.1	23
26	Physiological and anatomical studies of associative learning: Convergence with learning studies of W.T. Greenough. Developmental Psychobiology, 2011, 53, 489-504.	0.9	2
27	Deletion of the Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel Auxiliary Subunit TRIP8b Impairs Hippocampal<i>I</i>_hLocalization and Function and Promotes Antidepressant Behavior in Mice. Journal of Neuroscience, 2011, 31, 7424-7440.	1.7	115
28	Synaptic strength and postsynaptically silent synapses through advanced aging in rat hippocampal CA1 pyramidal neurons. Neurobiology of Aging, 2010, 31, 813-825.	1.5	33
29	Axospinous synaptic subtypeâ€specific differences in structure, size, ionotropic receptor expression, and connectivity in apical dendritic regions of rat hippocampal CA1 pyramidal neurons. Journal of Comparative Neurology, 2009, 512, 399-418.	0.9	57
30	Synapse Distribution Suggests a Two-Stage Model of Dendritic Integration in CA1 Pyramidal Neurons. Neuron, 2009, 63, 171-177.	3.8	148
31	Distance-Dependent Differences in Synapse Number and AMPA Receptor Expression in Hippocampal CA1 Pyramidal Neurons. Neuron, 2006, 50, 431-442.	3.8	171
32	Structural Synaptic Correlates of Learning and Memory. , 2006, , 349-364.		2
33	Developmental Changes in the Neural Mechanisms of Eyeblink Conditioning. Behavioral and Cognitive Neuroscience Reviews, 2004, 3, 3-13.	3.9	27
34	Reduction in Size of Perforated Postsynaptic Densities in Hippocampal Axospinous Synapses and Age-Related Spatial Learning Impairments. Journal of Neuroscience, 2004, 24, 7648-7653.	1.7	182
35	Differences in the expression of AMPA and NMDA receptors between axospinous perforated and nonperforated synapses are related to the configuration and size of postsynaptic densities. Journal of Comparative Neurology, 2004, 468, 86-95.	0.9	149
36	Developmental changes in eyeblink conditioning and simple spike activity in the cerebellar cortex. Developmental Psychobiology, 2004, 44, 45-57.	0.9	22

#	Article	IF	Citations
37	Synapses with a segmented, completely partitioned postsynaptic density express more AMPA receptors than other axospinous synaptic junctions. Neuroscience, 2004, 125, 615-623.	1.1	112
38	Selective Developmental Increase in the Climbing Fiber Input to the Cerebellar Interpositus Nucleus in Rats.. Behavioral Neuroscience, 2004, 118, 1111-1116.	0.6	9
39	Addition of inhibition in the olivocerebellar system and the ontogeny of a motor memory. Nature Neuroscience, 2003, 6, 532-537.	7.1	55
40	Ontogeny of eyeblink conditioned response timing in rats.. Behavioral Neuroscience, 2003, 117, 283-291.	0.6	21
41	Long-term retention of the classically conditioned eyeblink response in rats.. Behavioral Neuroscience, 2003, 117, 871-875.	0.6	16
42	Developmental Changes in Evoked Purkinje Cell Complex Spike Responses. Journal of Neurophysiology, 2003, 90, 2349-2357.	0.9	16
43	Neuronal correlates of conditioned inhibition of the eyeblink response in the anterior interpositus nucleus.. Behavioral Neuroscience, 2002, 116, 22-36.	0.6	33
44	Blockade of GABAA receptors in the interpositus nucleus modulates expression of conditioned excitation but not conditioned inhibition of the eyeblink response. Integrative Psychological and Behavioral Science, 2002, 37, 293-310.	0.3	11
45	Medial dorsal thalamic lesions impair blocking and latent inhibition of the conditioned eyeblink response in rats.. Behavioral Neuroscience, 2002, 116, 276-285.	0.6	11
46	Neuronal correlates of conditioned inhibition of the eyeblink response in the anterior interpositus nucleus. Behavioral Neuroscience, 2002, 116, 22-36.	0.6	26
47	Medial dorsal thalamic lesions impair blocking and latent inhibition of the conditioned eyeblink response in rats. Behavioral Neuroscience, 2002, 116, 276-85.	0.6	8
48	Ontogenetic changes in the neural mechanisms of eyeblink conditioning. Integrative Psychological and Behavioral Science, 2001, 36, 15-35.	0.3	15
49	Developmental Changes in Eye-Blink Conditioning and Neuronal Activity in the Cerebellar Interpositus Nucleus. Journal of Neuroscience, 2000, 20, 813-819.	1.7	71
50	Developmental Changes in Eye-Blink Conditioning and Neuronal Activity in the Inferior Olive. Journal of Neuroscience, 2000, 20, 8218-8226.	1.7	28
51	Lesions of the perirhinal cortex impair sensory preconditioning in rats. Behavioural Brain Research, 2000, 112, 69-75.	1.2	56
52	Neuronal activity in the cerebellar interpositus and lateral pontine nuclei during inhibitory classical conditioning of the eyeblink response. Brain Research, 1999, 833, 225-233.	1.1	45