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List of Publications by Year in descending order

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66
papers

2,709
citations

172457

29
h-index

197818

49
g-index

70
all docs

70
docs citations

70
times ranked

4003
citing authors

#	ARTICLE	IF	CITATIONS
1	Galectin-3, a novel endogenous TREM2 ligand, detrimentally regulates inflammatory response in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2019, 138, 251-273.	7.7	187
2	Abnormal accumulation of autophagic vesicles correlates with axonal and synaptic pathology in young Alzheimer's mice hippocampus. <i>Acta Neuropathologica</i> , 2012, 123, 53-70.	7.7	179
3	Microglia in Alzheimer's Disease: Activated, Dysfunctional or Degenerative. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 140.	3.4	160
4	Phagocytic clearance of presynaptic dystrophies by reactive astrocytes in Alzheimer's disease. <i>Glia</i> , 2018, 66, 637-653.	4.9	159
5	Soluble phospho-tau from Alzheimer's disease hippocampus drives microglial degeneration. <i>Acta Neuropathologica</i> , 2016, 132, 897-916.	7.7	124
6	Effect of lipopeptides of antagonistic strains of <i>Bacillus subtilis</i> on the morphology and ultrastructure of the cucurbit fungal pathogen <i>Podosphaera fusca</i> . <i>Journal of Applied Microbiology</i> , 2007, 103, 969-976.	3.1	110
7	Expression of calcium-binding proteins in the diencephalon of the lizard <i>Psammmodromus algericus</i> . <i>Journal of Comparative Neurology</i> , 2000, 427, 67-92.	1.6	105
8	N370S GBA1 mutation causes lysosomal cholesterol accumulation in Parkinson's disease. <i>Movement Disorders</i> , 2017, 32, 1409-1422.	3.9	86
9	Defective lysosomal proteolysis and axonal transport are early pathogenic events that worsen with age leading to increased APP metabolism and synaptic Abeta in transgenic APP/PS1 hippocampus. <i>Molecular Neurodegeneration</i> , 2012, 7, 59.	10.8	85
10	SOX10 Single Transcription Factor-Based Fast and Efficient Generation of Oligodendrocytes from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2018, 10, 655-672.	4.8	81
11	Light and electron microscopic evidence for projections from the thalamic nucleus rotundus to targets in the basal ganglia, the dorsal ventricular ridge, and the amygdaloid complex in a lizard. <i>Journal of Comparative Neurology</i> , 2000, 424, 216-232.	1.6	71
12	Expression of calcium-binding proteins in the mouse claustrum. <i>Journal of Chemical Neuroanatomy</i> , 2003, 25, 151-160.	2.1	60
13	Thalamo-telencephalic connections: new insights on the cortical organization in reptiles. <i>Brain Research Bulletin</i> , 2002, 57, 451-454.	3.0	59
14	Impaired AMPA signaling and cytoskeletal alterations induce early synaptic dysfunction in a mouse model of Alzheimer's disease. <i>Aging Cell</i> , 2018, 17, e12791.	6.7	58
15	Calcium-binding proteins, neuronal nitric oxide synthase, and GABA help to distinguish different pallial areas in the developing and adult chicken. I. Hippocampal formation and hyperpallium. <i>Journal of Comparative Neurology</i> , 2006, 497, 751-771.	1.6	51
16	Polyamines Are Present in Mast Cell Secretory Granules and Are Important for Granule Homeostasis. <i>PLoS ONE</i> , 2010, 5, e15071.	2.5	49
17	Distinct disease-sensitive GABAergic neurons in the perirhinal cortex of Alzheimer's mice and patients. <i>Brain Pathology</i> , 2020, 30, 345-363.	4.1	49
18	Early Neuronal Loss and Axonal/Presynaptic Damage is Associated with Accelerated Amyloid- β^2 Accumulation in A β^2 PP/PS1 Alzheimer's Disease Mice Subiculum. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 521-541.	2.6	48

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19	Amyloid β impairs the phagocytosis of dystrophic synapses by astrocytes in Alzheimer's disease. <i>Glia</i> , 2021, 69, 997-1011.	4.9	48
20	Expression of Glis and Glis2 glutaminase isoforms in astrocytes. <i>Glia</i> , 2015, 63, 365-382.	4.9	45
21	Hypoxia compromises the mitochondrial metabolism of Alzheimer's disease microglia via HIF1. <i>Nature Aging</i> , 2021, 1, 385-399.	11.6	43
22	Development of neurons and fibers containing calcium binding proteins in the pallial amygdala of mouse, with special emphasis on those of the basolateral amygdalar complex. <i>Journal of Comparative Neurology</i> , 2005, 488, 492-513.	1.6	42
23	Embryonic and postnatal development of GABA, calbindin, calretinin, and parvalbumin in the mouse claustral complex. <i>Journal of Comparative Neurology</i> , 2005, 481, 42-57.	1.6	41
24	Expression of somatostatin and neuropeptide Y in the embryonic, postnatal, and adult mouse amygdalar complex. <i>Journal of Comparative Neurology</i> , 2009, 513, 335-348.	1.6	37
25	Enhancing microtubule stabilization rescues cognitive deficits and ameliorates pathological phenotype in an amyloidogenic Alzheimer's disease model. <i>Scientific Reports</i> , 2020, 10, 14776.	3.3	37
26	NADPH diaphorase-positive neurons in the lizard hippocampus: A distinct subpopulation of GABAergic interneurons. <i>Hippocampus</i> , 1995, 5, 60-70.	1.9	35
27	Dual roles of A β in proliferative processes in an amyloidogenic model of Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 10085.	3.3	34
28	Distinct types of nitric oxide-producing neurons in the developing and adult mouse claustrum. <i>Journal of Comparative Neurology</i> , 2003, 465, 431-444.	1.6	33
29	In vivo modification of Abeta plaque toxicity as a novel neuroprotective lithium-mediated therapy for Alzheimer's disease pathology. <i>Acta Neuropathologica Communications</i> , 2013, 1, 73.	5.2	33
30	The ascending tectofugal visual system in amniotes: New insights. <i>Brain Research Bulletin</i> , 2005, 66, 290-296.	3.0	30
31	Dynamic patterns of colocalization of calbindin, parvalbumin and GABA in subpopulations of mouse basolateral amygdalar cells during development. <i>Journal of Chemical Neuroanatomy</i> , 2008, 35, 67-76.	2.1	30
32	Nucleus accumbens in the lizard <i>Psammmodromus algirus</i> : chemoarchitecture and cortical afferent connections. , 1999, 405, 15-31.		27
33	Mesencephalic and diencephalic afferent connections to the thalamic nucleus rotundus in the lizard, <i>Psammmodromus algirus</i> . <i>European Journal of Neuroscience</i> , 2002, 16, 267-282.	2.6	27
34	Generation of oligodendrocytes and establishment of an all-human myelinating platform from human pluripotent stem cells. <i>Nature Protocols</i> , 2020, 15, 3716-3744.	12.0	27
35	Human Pluripotent Stem Cell-Derived Neural Cells as a Relevant Platform for Drug Screening in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6867.	4.1	26
36	Immunohistochemical localization of the vesicular glutamate transporter VGLUT2 in the developing and adult mouse claustrum. <i>Journal of Chemical Neuroanatomy</i> , 2006, 31, 169-177.	2.1	24

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37	Amyloid-beta impairs TOM1-mediated IL-1R1 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21198-21206.	7.1	24
38	The Podosphaera xanthii haustorium, the fungal Trojan horse of cucurbit-powdery mildew interactions. Fungal Genetics and Biology, 2014, 71, 21-31.	2.1	23
39	Calretinin immunoreactivity in the cerebral cortex of the lizard Psammodromus algirus: A light and electron microscopic study. Journal of Comparative Neurology, 1997, 382, 382-393.	1.6	21
40	Intrinsic connections in the anterior dorsal ventricular ridge of the lizard psammodromus algirus. , 1996, 372, 49-58.		20
41	Distribution of nitric oxide-producing neurons in the developing and adult mouse amygdalar basolateral complex. Brain Research Bulletin, 2005, 66, 465-469.	3.0	20
42	Disruption of Amyloid Plaques Integrity Affects the Soluble Oligomers Content from Alzheimer Disease Brains. PLoS ONE, 2014, 9, e114041.	2.5	20
43	Immunocytochemical localization of somatostatin in the cerebral cortex of lizards. Brain Research, 1988, 447, 52-59.	2.2	19
44	Distinct immunohistochemically defined areas in the medial amygdala in the developing and adult mouse. Brain Research Bulletin, 2008, 75, 214-217.	3.0	19
45	Calbindin-D28k in cortical regions of the lizard Psammodromus algirus. , 1999, 405, 61-74.		18
46	Insulin regulates neurovascular coupling through astrocytes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	16
47	Efferent retinal projections visualized by immunohistochemical detection of the estrogen-related receptor beta in the postnatal and adult mouse brain. Neuroscience Letters, 2008, 438, 48-53.	2.1	15
48	Plaque-Associated Oligomeric Amyloid-Beta Drives Early Synaptotoxicity in APP/PS1 Mice Hippocampus: Ultrastructural Pathology Analysis. Frontiers in Neuroscience, 2021, 15, 752594.	2.8	15
49	Calcium-binding proteins in the dorsal ventricular ridge of the lizard Psammodromus algirus. Journal of Comparative Neurology, 1999, 405, 32-44.	1.6	14
50	A proposed homology between the reptilian dorsomedial thalamic nucleus and the mammalian paraventricular thalamic nucleus. Brain Research Bulletin, 2002, 57, 443-445.	3.0	14
51	A golgi study of the dorsal cortex in the lizard Psammodromus algirus. Journal of Morphology, 1987, 194, 265-274.	1.2	13
52	Distribution of GABA, calbindin and nitric oxide synthase in the developing chick entopallium. Brain Research Bulletin, 2005, 66, 441-444.	3.0	13
53	Monoaminergic Innervation Patterns in the Anterior Dorsal Ventricular Ridge of a Lacertid Lizard, <i>Psammodromus algirus</i>. Brain, Behavior and Evolution, 1994, 44, 175-186.	1.7	12
54	A putative striato-dorsal thalamic pathway in lizards. Brain Research Bulletin, 2002, 57, 533-535.	3.0	12

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55	Serotonin innervation of the cerebral cortex in lizards. Brain Research, 1989, 488, 213-220.	2.2	11
56	Animal and Cellular Models of Alzheimer's Disease: Progress, Promise, and Future Approaches. Neuroscientist, 2022, 28, 572-593.	3.5	11
57	Cholecystokinin Innervation of the Cerebral Cortex in a Reptile, the Lizard <i>Psammotomus algericus</i> . Brain, Behavior and Evolution, 1998, 51, 100-112.	1.7	8
58	Immunocytochemical localization of the GABA receptor in the cerebral cortex of the lizard <i>Psammotomus algericus</i> . Journal of Comparative Neurology, 1994, 344, 610-618.	1.6	7
59	Development and adult organization of the lateral part of the bed nucleus of the stria terminalis in the chicken. Brain Research Bulletin, 2008, 75, 410-413.	3.0	7
60	GABAergic Cell Types in the Lizard Hippocampus. European Journal of Morphology, 1999, 37, 89-94.	0.8	7
61	Semaphorin5A expression in the developing chick telencephalon. Brain Research Bulletin, 2005, 66, 436-440.	3.0	6
62	Multivariate statistical analysis of golgi stained neurons. Neuroscience Research, 1996, 24, 215-226.	1.9	2
63	2074v Alpha1-Beta1 and Alpha6-Beta1-Integrin. , 2008, , 1-1.		0
64	P1-103: LITHIUM AMELIORATES THE NEURONAL PATHOLOGY IN A PS1/APP ALZHEIMER'S MODEL BY CHANGING PLAQUE TOXICITY. , 2014, 10, P339-P339.		0
65	P1-092: MICROGLIAL IMPAIRMENT IN THE HUMAN ALZHEIMER'S DISEASE DENTATE GYRUS. , 2014, 10, P335-P336.		0
66	P3-047: SYNAPTIC/NEURITIC PATHOLOGY IN PS1/APP ALZHEIMER'S MICE HIPPOCAMPUS INVOLVES AUTOPHAGIC FAILURE AND PRESYNAPTIC ABETA ACCUMULATION. , 2014, 10, P645-P645.		0