

Orly Lazarov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5213926/publications.pdf>

Version: 2024-02-01

54
papers

6,928
citations

109321

35
h-index

189892

50
g-index

57
all docs

57
docs citations

57
times ranked

9036
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental Enrichment Reduces A β Levels and Amyloid Deposition in Transgenic Mice. <i>Cell</i> , 2005, 120, 701-713.	28.9	821
2	Implantation of stimulated homologous macrophages results in partial recovery of paraplegic rats. <i>Nature Medicine</i> , 1998, 4, 814-821.	30.7	769
3	Vascular dysfunctionâ€”The disregarded partner of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 158-167.	0.8	454
4	Human Hippocampal Neurogenesis Persists in Aged Adults and Alzheimerâ€™s Disease Patients. <i>Cell Stem Cell</i> , 2019, 24, 974-982.e3.	11.1	389
5	When neurogenesis encounters aging and disease. <i>Trends in Neurosciences</i> , 2010, 33, 569-579.	8.6	337
6	Neurogenesis and Inflammation after Ischemic Stroke: What is Known and Where We Go from Here. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1573-1584.	4.3	299
7	Impaired neurogenesis is an early event in the etiology of familial Alzheimer's disease in transgenic mice. <i>Journal of Neuroscience Research</i> , 2010, 88, 2103-2117.	2.9	283
8	Evidence That Synaptically Released β -Amyloid Accumulates as Extracellular Deposits in the Hippocampus of Transgenic Mice. <i>Journal of Neuroscience</i> , 2002, 22, 9785-9793.	3.6	281
9	Neurogenesis and Alzheimer's disease: At the crossroads. <i>Experimental Neurology</i> , 2010, 223, 267-281.	4.1	259
10	Transplantation of activated macrophages overcomes central nervous system regrowth failure. <i>FASEB Journal</i> , 1996, 10, 1296-1302.	0.5	256
11	Axonal Transport, Amyloid Precursor Protein, Kinesin-1, and the Processing Apparatus: Revisited. <i>Journal of Neuroscience</i> , 2005, 25, 2386-2395.	3.6	221
12	Hippocampal neurogenesis: Learning to remember. <i>Progress in Neurobiology</i> , 2016, 138-140, 1-18.	5.7	184
13	Axonal degeneration in Alzheimer's disease: When signaling abnormalities meet the axonal transport system. <i>Experimental Neurology</i> , 2013, 246, 44-53.	4.1	171
14	Complex environment experience rescues impaired neurogenesis, enhances synaptic plasticity, and attenuates neuropathology in familial Alzheimer's diseaseâ€”linked APP ^{swe} /PS1 ^{E9} mice. <i>FASEB Journal</i> , 2010, 24, 1667-1681.	0.5	162
15	Non-Cell-Autonomous Effects of Presenilin 1 Variants on Enrichment-Mediated Hippocampal Progenitor Cell Proliferation and Differentiation. <i>Neuron</i> , 2008, 59, 568-580.	8.1	159
16	Alzheimer's Disease and Hippocampal Adult Neurogenesis; Exploring Shared Mechanisms. <i>Frontiers in Neuroscience</i> , 2016, 10, 178.	2.8	153
17	Impairments in Fast Axonal Transport and Motor Neuron Deficits in Transgenic Mice Expressing Familial Alzheimer's Disease-Linked Mutant Presenilin 1. <i>Journal of Neuroscience</i> , 2007, 27, 7011-7020.	3.6	120
18	Molecular Mechanisms of Environmental Enrichment: Impairments in Akt/GSK3 β , Neurotrophin-3 and CREB Signaling. <i>PLoS ONE</i> , 2013, 8, e64460.	2.5	111

#	ARTICLE	IF	CITATIONS
19	Depletion of adult neurogenesis exacerbates cognitive deficits in Alzheimer's disease by compromising hippocampal inhibition. <i>Molecular Neurodegeneration</i> , 2017, 12, 64.	10.8	107
20	Reduced pCREB in Alzheimer's disease prefrontal cortex is reflected in peripheral blood mononuclear cells. <i>Molecular Psychiatry</i> , 2016, 21, 1158-1166.	7.9	86
21	DHA diet reduces AD pathology in young APP ^{swe} /PS1 ^{E9} transgenic mice: Possible gender effects. <i>Journal of Neuroscience Research</i> , 2010, 88, 1026-1040.	2.9	81
22	Soluble amyloid precursor protein: a novel proliferation factor of adult progenitor cells of ectodermal and mesodermal origin. <i>Stem Cell Research and Therapy</i> , 2011, 2, 36.	5.5	81
23	Potential Repair of Rat Spinal Cord Injuries Using Stimulated Homologous Macrophages. <i>Neurosurgery</i> , 1999, 44, 1041-1045.	1.1	79
24	Nigrostriatal Dysfunction in Familial Alzheimer's Disease-Linked APP ^{swe} /PS1 ^{E9} Transgenic Mice. <i>Journal of Neuroscience</i> , 2005, 25, 10220-10229.	3.6	79
25	Reciprocal regulation of eNOS and caveolin-1 functions in endothelial cells. <i>Molecular Biology of the Cell</i> , 2018, 29, 1190-1202.	2.1	76
26	Restricted inflammatory reaction in the CNS: a key impediment to axonal regeneration?. <i>Trends in Molecular Medicine</i> , 1998, 4, 337-342.	2.6	74
27	Presenilin-1 Regulates Neural Progenitor Cell Differentiation in the Adult Brain. <i>Journal of Neuroscience</i> , 2011, 31, 2615-2623.	3.6	73
28	Differential effects of central and peripheral nerves on macrophages and microglia. , 1998, 23, 181-190.		69
29	The remedy may lie in ourselves: prospects for immune cell therapy in central nervous system protection and repair. <i>Journal of Molecular Medicine</i> , 1999, 77, 713-717.	3.9	67
30	All in the Family: How the APPs Regulate Neurogenesis. <i>Frontiers in Neuroscience</i> , 2012, 6, 81.	2.8	63
31	Of mice and men: neurogenesis, cognition and Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 43.	3.4	61
32	Soluble amyloid precursor protein-1± rescues age-linked decline in neural progenitor cell proliferation. <i>Neurobiology of Aging</i> , 2013, 34, 2431-2440.	3.1	59
33	Activated Mesenchymal Stem Cells Induce Recovery Following Stroke Via Regulation of Inflammation and Oligodendrogenesis. <i>Journal of the American Heart Association</i> , 2020, 9, e013583.	3.7	50
34	CREB signals as PBMC-based biomarkers of cognitive dysfunction: A novel perspective of the brain-immune axis. <i>Brain, Behavior, and Immunity</i> , 2019, 78, 9-20.	4.1	47
35	Diminished CRE-Induced Plasticity is Linked to Memory Deficits in Familial Alzheimer's Disease Mice. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 477-489.	2.6	43
36	Presenilin-1-Dependent Transcriptome Changes. <i>Journal of Neuroscience</i> , 2005, 25, 1571-1578.	3.6	42

#	ARTICLE	IF	CITATIONS
37	Depletion of Caveolin-1 in Type 2 Diabetes Model Induces Alzheimer's Disease Pathology Precursors. <i>Journal of Neuroscience</i> , 2019, 39, 8576-8583.	3.6	37
38	Exercise Training for Persons with Alzheimer's Disease and Caregivers: A Review of Dyadic Exercise Interventions. <i>Journal of Motor Behavior</i> , 2017, 49, 365-377.	0.9	35
39	Presenilin-1 Dependent Neurogenesis Regulates Hippocampal Learning and Memory. <i>PLoS ONE</i> , 2015, 10, e0131266.	2.5	29
40	Expression of a Familial Alzheimer's Disease-Linked Presenilin-1 Variant Enhances Perforant Pathway Lesion-Induced Neuronal Loss in the Entorhinal Cortex. <i>Journal of Neuroscience</i> , 2006, 26, 429-434.	3.6	27
41	Deficits in hippocampal neurogenesis in obesity-dependent and -independent type-2 diabetes mellitus mouse models. <i>Scientific Reports</i> , 2020, 10, 16368.	3.3	24
42	Link between optic nerve regrowth failure and macrophage stimulation in mammals. <i>Vision Research</i> , 1999, 39, 169-175.	1.4	21
43	Adult hippocampal neurogenesis in Alzheimer's disease. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 177, 137-156.	1.7	20
44	Impaired survival of neural progenitor cells in dentate gyrus of adult mice lacking FMRP. <i>Hippocampus</i> , 2012, 22, 1220-1224.	1.9	19
45	A Preliminary Study Targeting Neuronal Pathways Activated Following Environmental Enrichment by Resting State Functional Magnetic Resonance Imaging. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 101-107.	2.6	15
46	β -amyloid cytotoxicity is prevented by natural achillolide A. <i>Journal of Natural Medicines</i> , 2018, 72, 626-631.	2.3	7
47	Transcriptome Differences Between the Frontal Cortex and Hippocampus of Wild-Type and Humanized Presenilin-1 Transgenic Mice. <i>American Journal of Geriatric Psychiatry</i> , 2005, 13, 1041-1051.	1.2	7
48	Lifestyle and Alzheimer's Disease. , 2016, , 197-237.		5
49	Brain Biomarkers in Familial Alzheimer's Disease Mouse Models. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 949-958.	2.6	5
50	Phytochemicals from <i>Achillea fragrantissima</i> are Modulators of $A\beta$ PP Metabolism. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 1425-1435.	2.6	5
51	Type 2 Diabetes Mellitus as a Risk Factor for Alzheimer's Disease. , 2016, , 387-413.		2
52	Harnessing neurogenesis in the adult brain—A role in type 2 diabetes mellitus and Alzheimer's disease. <i>International Review of Neurobiology</i> , 2020, 155, 235-269.	2.0	2
53	Questioning the evidence for a Janus-faced nature of adult neurogenesis in Alzheimer's disease. <i>Stem Cell Reports</i> , 2021, 16, 1646-1648.	4.8	2
54	Modulation of Hallmarks of Brain Aging by Environmental Enrichment. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016, , 303-319.	0.4	0