Orly Lazarov

List of Publications by Year
in descending order

54	6,928	109321	189892
papers	citations	35 h-index	50 g-index

57	57	57	9036
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adult hippocampal neurogenesis in Alzheimer's disease. Progress in Molecular Biology and Translational Science, 2021, 177, 137-156.	1.7	20
2	Questioning the evidence for a Janus-faced nature of adult neurogenesis inÂAlzheimerâ€™s disease. Stem Cell Reports, 2021, 16, 1646-1648.	4.8	2
3	Harnessing neurogenesis in the adult brainâ€"A role in type 2 diabetes mellitus and Alzheimer's disease. International Review of Neurobiology, 2020, 155, 235-269.	2.0	2
4	Activated Mesenchymal Stem Cells Induce Recovery Following Stroke Via Regulation of Inflammation and Oligodendrogenesis. Journal of the American Heart Association, 2020, 9, e013583.	3.7	50
5	Deficits in hippocampal neurogenesis in obesity-dependent and -independent type-2 diabetes mellitus mouse models. Scientific Reports, 2020, 10, 16368.	3.3	24
6	Depletion of Caveolin-1 in Type 2 Diabetes Model Induces Alzheimer's Disease Pathology Precursors. Journal of Neuroscience, 2019, 39, 8576-8583.	3.6	37
7	Human Hippocampal Neurogenesis Persists in Aged Adults and Alzheimerâ€™s Disease Patients. Cell Stem Cell, 2019, 24, 974-982.e3.	11.1	389
8	CREB signals as PBMC-based biomarkers of cognitive dysfunction: A novel perspective of the brain-immune axis. Brain, Behavior, and Immunity, 2019, 78, 9-20.	4.1	47
9	Vascular dysfunctionâ€"The disregarded partner of Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 158-167.	0.8	454
10	Reciprocal regulation of eNOS and caveolin-1 functions in endothelial cells. Molecular Biology of the Cell, 2018, 29, 1190-1202.	2.1	76
11	Î²-amyloid cytotoxicity is prevented by natural achillolide A. Journal of Natural Medicines, 2018, 72, 626-631.	2.3	7
12	Phytochemicals from Achillea fragrantissima are Modulators of AÎ²PP Metabolism. Journal of Alzheimer's Disease, 2018, 66, 1425-1435.	2.6	5
13	Brain Biomarkers in Familial Alzheimerâ€™s Disease Mouse Models. Journal of Alzheimer's Disease, 2017, 60, 949-958.	2.6	5
14	Exercise Training for Persons with Alzheimer's Disease and Caregivers: A Review of Dyadic Exercise Interventions. Journal of Motor Behavior, 2017, 49, 365-377.	0.9	35
15	Depletion of adult neurogenesis exacerbates cognitive deficits in Alzheimerâ€™s disease by compromising hippocampal inhibition. Molecular Neurodegeneration, 2017, 12, 64.	10.8	107
16	Diminished CRE-Induced Plasticity is Linked to Memory Deficits in Familial Alzheimerâ€™s Disease Mice. Journal of Alzheimer's Disease, 2016, 50, 477-489.	2.6	43
17	Alzheimer's Disease and Hippocampal Adult Neurogenesis; Exploring Shared Mechanisms. Frontiers in Neuroscience, 2016, 10, 178.	2.8	153
18	Reduced pCREB in Alzheimerâ€™s disease prefrontal cortex is reflected in peripheral blood mononuclear cells. Molecular Psychiatry, 2016, 21, 1158-1166.	7.9	86

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19	Modulation of Hallmarks of Brain Aging by Environmental Enrichment. Oxidative Stress in Applied Basic Research and Clinical Practice, 2016, , 303-319.	0.4	0
20	Hippocampal neurogenesis: Learning to remember. Progress in Neurobiology, 2016, 138-140, 1-18.	5.7	184
21	Lifestyle and Alzheimerâ€™s Disease. , 2016, , 197-237.		5
22	Type 2 Diabetes Mellitus as a Risk Factor for Alzheimerâ€™s Disease. , 2016, , 387-413.		2
23	Presenilin-1 Dependent Neurogenesis Regulates Hippocampal Learning and Memory. PLoS ONE, 2015, 10, e0131266.	2.5	29
24	Neurogenesis and Inflammation after Ischemic Stroke: What is Known and Where We Go from Here. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1573-1584.	4.3	299
25	Soluble amyloid precursor protein-Î± rescues age-linked decline in neural progenitor cell proliferation. Neurobiology of Aging, 2013, 34, 2431-2440.	3.1	59
26	Axonal degeneration in Alzheimer's disease: When signaling abnormalities meet the axonal transport system. Experimental Neurology, 2013, 246, 44-53.	4.1	171
27	Molecular Mechanisms of Environmental Enrichment: Impairments in Akt/GSK3Î², Neurotrophin-3 and CREB Signaling. PLoS ONE, 2013, 8, e64460.	2.5	111
28	Of mice and men: neurogenesis, cognition and Alzheimerâ€™s disease. Frontiers in Aging Neuroscience, 2013, 5, 43.	3.4	61
29	All in the Family: How the APPs Regulate Neurogenesis. Frontiers in Neuroscience, 2012, 6, 81.	2.8	63
30	A Preliminary Study Targeting Neuronal Pathways Activated Following Environmental Enrichment by Resting State Functional Magnetic Resonance Imaging. Journal of Alzheimer's Disease, 2012, 32, 101-107.	2.6	15
31	Impaired survival of neural progenitor cells in dentate gyrus of adult mice lacking FMRP. Hippocampus, 2012, 22, 1220-1224.	1.9	19
32	Soluble amyloid precursor protein: a novel proliferation factor of adult progenitor cells of ectodermal and mesodermal origin. Stem Cell Research and Therapy, 2011, 2, 36.	5.5	81
33	Presenilin-1 Regulates Neural Progenitor Cell Differentiation in the Adult Brain. Journal of Neuroscience, 2011, 31, 2615-2623.	3.6	73
34	DHA diet reduces AD pathology in young APPswe/PS1Î”E9 transgenic mice: Possible gender effects. Journal of Neuroscience Research, 2010, 88, 1026-1040.	2.9	81
35	Impaired neurogenesis is an early event in the etiology of familial Alzheimer's disease in transgenic mice. Journal of Neuroscience Research, 2010, 88, 2103-2117.	2.9	283
36	Complex environment experience rescues impaired neurogenesis, enhances synaptic plasticity, and attenuates neuropathology in familial Alzheimer's diseaseâ€linked APPswe/PS1Î”E9 mice. FASEB Journal, 2010, 24, 1667-1681.	0.5	162

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37	When neurogenesis encounters aging and disease. Trends in Neurosciences, 2010, 33, 569-579.	8.6	337
38	Neurogenesis and Alzheimer's disease: At the crossroads. Experimental Neurology, 2010, 223, 267-281.	4.1	259
39	Non-Cell-Autonomous Effects of Presenilin 1 Variants on Enrichment-Mediated Hippocampal Progenitor Cell Proliferation and Differentiation. Neuron, 2008, 59, 568-580.	8.1	159
40	Impairments in Fast Axonal Transport and Motor Neuron Deficits in Transgenic Mice Expressing Familial Alzheimer's Disease-Linked Mutant Presenilin 1. Journal of Neuroscience, 2007, 27, 7011-7020.	3.6	120
41	Expression of a Familial Alzheimer's Disease-Linked Presenilin-1 Variant Enhances Perforant Pathway Lesion-Induced Neuronal Loss in the Entorhinal Cortex. Journal of Neuroscience, 2006, 26, 429-434.	3.6	27
42	Axonal Transport, Amyloid Precursor Protein, Kinesin-1, and the Processing Apparatus: Revisited. Journal of Neuroscience, 2005, 25, 2386-2395.	3.6	221
43	Nigrostriatal Dysfunction in Familial Alzheimer's Disease-Linked APPswe/PS1ÂE9 Transgenic Mice. Journal of Neuroscience, 2005, 25, 10220-10229.	3.6	79
44	Presenilin-1-Dependent Transcriptome Changes. Journal of Neuroscience, 2005, 25, 1571-1578.	3.6	42
45	Environmental Enrichment Reduces AÎ² Levels and Amyloid Deposition in Transgenic Mice. Cell, 2005, 120, 701-713.	28.9	821
46	Transcriptome Differences Between the Frontal Cortex and Hippocampus of Wild-Type and Humanized Presenilin-1 Transgenic Mice. American Journal of Geriatric Psychiatry, 2005, 13, 1041-1051.	1.2	7
47	Evidence That Synaptically Released Î²-Amyloid Accumulates as Extracellular Deposits in the Hippocampus of Transgenic Mice. Journal of Neuroscience, 2002, 22, 9785-9793.	3.6	281
48	Potential Repair of Rat Spinal Cord Injuries Using Stimulated Homologous Macrophages. Neurosurgery, 1999, 44, 1041-1045.	1.1	79
49	The remedy may lie in ourselves: prospects for immune cell therapy in central nervous system protection and repair. Journal of Molecular Medicine, 1999, 77, 713-717.	3.9	67
50	Link between optic nerve regrowth failure and macrophage stimulation in mammals. Vision Research, 1999, 39, 169-175.	1.4	21
51	Implantation of stimulated homologous macrophages results in partial recovery of paraplegic rats. Nature Medicine, 1998, 4, 814-821.	30.7	769
52	Restricted inflammatory reaction in the CNS: a key impediment to axonal regeneration?. Trends in Molecular Medicine, 1998, 4, 337-342.	2.6	74
53	Differential effects of central and peripheral nerves on macrophages and microglia. , 1998, 23, 181-190.		69
54	Transplantation of activated macrophages overcomes central nervous system regrowth failure. FASEB Journal, 1996, 10, 1296-1302.	0.5	256