Giulio Taglialatela

List of Publications by Year
in descending order

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Version: 2024-02-01

70	2,910	186265	175258
papers	citations	28 h-index	52 g-index

83	83	83	4419
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<scp>TREM2</scp>â€induced activation of microglia contributes to synaptic integrity in cognitively intact aged individuals with Alzheimer's neuropathology. Brain Pathology, 2023, 33, .	4.1	18
2	Age dependence of retinal vascular plexus attenuation in the triple transgenic mouse model of Alzheimer's disease. Experimental Eye Research, 2022, 214, 108879.	2.6	4
3	Differential protein expression in the hippocampi of resilient individuals identified by digital spatial profiling. Acta Neuropathologica Communications, 2022, 10, 23.	5.2	21
4	AÎ²/tau oligomer interplay at human synapses supports shifting therapeutic targets for Alzheimerâ€™s disease. Cellular and Molecular Life Sciences, 2022, 79, 222.	5.4	14
5	Near-infrared light reduces glia activation and modulates neuroinflammation in the brains of diet-induced obese mice. Scientific Reports, 2022, 12, .	3.3	6
6	Oxidative Damage and Antioxidant Response in Frontal Cortex of Demented and Nondemented Individuals with Alzheimer's Neuropathology. Journal of Neuroscience, 2021, 41, 538-554.	3.6	41
7	Treating hippocampal neural stem cells with nanoâ€pulsed laser therapy generates neurons with decreased sensitivity to toxic AÎ² oligomers. Alzheimer's and Dementia, 2021, 17, e057482.	0.8	0
8	Near-infrared light reduces glial activation and modulates neuroinflammation in brains of diet-induced obese mice.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e054388.	0.8	0
9	TREM2-induced activation of microglia contributes to synaptic resilience in non-demented individuals with Alzheimer's neuropathology.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e054391.	0.8	0
10	AD- and PSP-specific brain-derived tau oligomers engage synapses with different dynamic.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e054394.	0.8	0
11	Amelioration of hippocampal dysfunction by adipose tissueâ€targeted stem cell transplantation in a mouse model of type 2 diabetes. Journal of Neurochemistry, 2020, 153, 51-62.	3.9	5
12	Functional Integrity of Synapses in the Central Nervous System of Cognitively Intact Individuals with High Alzheimerâ€™s Disease Neuropathology Is Associated with Absence of Synaptic Tau Oligomers. Journal of Alzheimer's Disease, 2020, 78, 1661-1678.	2.6	28
13	Differential dynamics of AÎ² and tau oligomer synaptic binding may suggest diverse therapeutic targets for early vs. late Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e038045.	0.8	0
14	Tyrosine Kinase Inhibitors Reduce NMDA NR1 Subunit Expression, Nuclear Translocation, and Behavioral Pain Measures in Experimental Arthritis. Frontiers in Physiology, 2020, 11, 440.	2.8	3
15	Selected microRNAs Increase Synaptic Resilience to the Damaging Binding of the Alzheimerâ€™s Disease Amyloid Beta Oligomers. Molecular Neurobiology, 2020, 57, 2232-2243.	4.0	20
16	Near Infrared Light Treatment Reduces Synaptic Levels of Toxic Tau Oligomers in Two Transgenic Mouse Models of Human Tauopathies. Molecular Neurobiology, 2019, 56, 3341-3355.	4.0	28
17	Neurotoxic tau oligomers after single versus repetitive mild traumatic brain injury. Brain Communications, 2019, 1, fcz004.	3.3	35
18	Hippocampal stem cells promotes synaptic resistance to the dysfunctional impact of amyloid beta oligomers via secreted exosomes. Molecular Neurodegeneration, 2019, 14, 25.	10.8	38

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19	Chronic synaptic insulin resistance after traumatic brain injury abolishes insulin protection from amyloid beta and tau oligomer-induced synaptic dysfunction. Scientific Reports, 2019, 9, 8228.	3.3	24
20	Hsp60 Protects against Amyloid Î² Oligomer Synaptic Toxicity via Modification of Toxic Oligomer Conformation. ACS Chemical Neuroscience, 2019, 10, 2858-2867.	3.5	19
21	Combinatory FK506 and Minocycline Treatment Alleviates Prion-Induced Neurodegenerative Events via Caspase-Mediated MAPK-NRF2 Pathway. International Journal of Molecular Sciences, 2019, 20, 1144.	4.1	5
22	Suppressing aberrant phospholipase D1 signaling in 3xTg Alzheimerâ€™s disease mouse model promotes synaptic resilience. Scientific Reports, 2019, 9, 18342.	3.3	6
23	Ablation of amyloid precursor protein increases insulin-degrading enzyme levels and activity in brain and peripheral tissues. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E106-E120.	3.5	24
24	Elevated phospholipase D isoform 1 in Alzheimer's disease patients' hippocampus: Relevance to synaptic dysfunction and memory deficits. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2018, 4, 89-102.	3.7	27
25	O2â€01â€03: SELECTED MICRO RNAS FROM NEURAL STEM CELLâ€“DERIVED EXOSOMES INCREASE SYNAPTIC RESILIENCE TO TAU AND AÎ² OLIGOMERS. Alzheimer's and Dementia, 2018, 14, P609.	0.8	0
26	P3â€170: INCREASED SYNAPTIC SENSITIVITY TO AÎ² AND TAU OLIGOMERS IN THE AGING CNS AS A FUNCTION OF DECREASING NEURAL STEM CELLS. Alzheimer's and Dementia, 2018, 14, P1133.	0.8	0
27	P3â€167: INHIBITION OF PHOSPHOLIPASE D1 AS A THERAPEUTIC IN ADâ€RELATED MEMORY DEFICITS. Alzheimer's and Dementia, 2018, 14, P1131.	0.8	0
28	Postsynaptic Proteome of Non-Demented Individuals with Alzheimerâ€™s Disease Neuropathology. Journal of Alzheimer's Disease, 2018, 65, 659-682.	2.6	31
29	PPARgamma agonists rescue increased phosphorylation of FGF14 at S226 in the Tg2576 mouse model of Alzheimer's disease. Experimental Neurology, 2017, 295, 1-17.	4.1	35
30	Near infrared light decreases synaptic vulnerability to amyloid beta oligomers. Scientific Reports, 2017, 7, 15012.	3.3	38
31	[O1â€“07â€“03]: SYNAPTIC RESILIENCE TO TAU AND AMYLOID BETA OLIGOMERS INDUCED BY NEURAL STEM CELLâ€DERIVED EXOSOMES. Alzheimer's and Dementia, 2017, 13, P205.	0.8	0
32	Overexpression of heat shock factor 1 maintains TAR DNA binding protein 43 solubility via induction of inducible heat shock protein 70 in cultured cells. Journal of Neuroscience Research, 2016, 94, 671-682.	2.9	22
33	Preserved neurogenesis in non-demented individuals with AD neuropathology. Scientific Reports, 2016, 6, 27812.	3.3	58
34	The Ames dwarf mutation attenuates Alzheimer's disease phenotype of APP/PS1 mice. Neurobiology of Aging, 2016, 40, 22-40.	3.1	21
35	A method to determine insulin responsiveness in synaptosomes isolated from frozen brain tissue. Journal of Neuroscience Methods, 2016, 261, 128-134.	2.5	26
36	NMNAT2:HSP90 Complex Mediates Proteostasis in Proteinopathies. PLoS Biology, 2016, 14, e1002472.	5.6	105

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37	Non-Demented Individuals with Alzheimer's Disease Neuropathology: Resistance to Cognitive Decline May Reveal New Treatment Strategies. Current Pharmaceutical Design, 2016, 22, 4063-4068.	1.9	32
38	P2-037: Preserved BDNF levels in the cns parallel cognitive integrity in non-demented individuals with Alzheimer's disease neuropathology. , 2015, 11, P495-P496.		0
39	Reduced Incidence of Dementia in Solid Organ Transplant Patients Treated with Calcineurin Inhibitors. Journal of Alzheimer's Disease, 2015, 47, 329-333.	2.6	63
40	Peripheral adipose tissue insulin resistance alters lipid composition and function of hippocampal synapses. Journal of Neurochemistry, 2015, 133, 125-133.	3.9	18
41	NFÎºB-Activated Astroglial Release of Complement C3 Compromises Neuronal Morphology and Function Associated with Alzheimerâ€™s Disease. Neuron, 2015, 85, 101-115.	8.1	442
42	O2-04-02: INCREASED AB OLIGOMER BINDING TO CNS SYNAPSES IN MICE WITH PERIPHERAL INSULIN RESISTANCE AND REDUCED CIRCULATING ADIPONECTIN. , 2014, 10, P170-P170.		0
43	Absence of amyloid Î² oligomers at the postsynapse and regulated synaptic Zn2+ in cognitively intact aged individuals with Alzheimerâ€™s disease neuropathology. Molecular Neurodegeneration, 2012, 7, 23.	10.8	72
44	Î±â€Synuclein oligomers oppose longâ€term potentiation and impair memory through a calcineurinâ€dependent mechanism: relevance to human synucleopathic diseases. Journal of Neurochemistry, 2012, 120, 440-452.	3.9	94
45	Dysregulated phosphorylation of Ca²⁺/calmodulinâ€dependent protein kinase IIâ€Î± in the hippocampus of subjects with mild cognitive impairment and Alzheimerâ€™s disease. Journal of Neurochemistry, 2011, 119, 791-804.	3.9	91
46	A Role for Calcineurin in Alzheimers Disease. Current Neuropharmacology, 2011, 9, 685-692.	2.9	99
47	Amyloidâ€Î² oligomers impair fear conditioned memory in a calcineurinâ€dependent fashion in mice. Journal of Neuroscience Research, 2010, 88, 2923-2932.	2.9	93
48	Calcineurin Inhibition at the Clinical Phase of Prion Disease Reduces Neurodegeneration, Improves Behavioral Alterations and Increases Animal Survival. PLoS Pathogens, 2010, 6, e1001138.	4.7	47
49	A peripheral neuroimmune link: glutamate agonists upregulate NMDA NR1 receptor mRNA and protein, vimentin, TNF-Î±, and RANTES in cultured human synoviocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R584-R598.	1.8	30
50	Neuroimmunomodulation by calcineurin in aging and Alzheimer's disease. , 2010, 1, 245-53.		8
51	Intermediate- and long-term recognition memory deficits in Tg2576 mice are reversed with acute calcineurin inhibition. Behavioural Brain Research, 2009, 200, 95-99.	2.2	181
52	Selective induction of calcineurin activity and signaling by oligomeric amyloid beta. Aging Cell, 2008, 7, 824-835.	6.7	87
53	Acute inhibition of calcineurin restores associative learning and memory in Tg2576 APP transgenic mice. Neurobiology of Learning and Memory, 2007, 88, 217-224.	1.9	135
54	Rapid assay for quantitative measurement of apoptosis in cultured cells and brain tissue. Journal of Neuroscience Methods, 2006, 155, 134-142.	2.5	4

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55	Bcl-2 Localized at the Nuclear Compartment Induces Apoptosis after Transient Overexpression. Journal of Biological Chemistry, 2006, 281, 40493-40502.	3.4	50
56	Signaling pathways mediating a selective induction of nitric oxide synthase II by tumor necrosis factor alpha in nerve growth factor-responsive cells. Journal of Neuroinflammation, 2005, 2, 19.	7.2	5
57	Inhibition of Transcription Factor Activity by Nuclear Compartment-associated Bcl-2. Journal of Biological Chemistry, 2004, 279, 54470-54478.	3.4	43
58	Tumour necrosis factor-alpha- vs. growth factor deprivation-promoted cell death: different receptor requirements for mediating nerve growth factor-promoted rescue. Aging Cell, 2003, 2, 83-92.	6.7	10
59	Tumour necrosis factor-alpha- vs. growth factor deprivation-promoted cell death: distinct converging pathways. Aging Cell, 2003, 2, 245-256.	6.7	22
60	Oxidativeâ€stressâ€dependent upâ€regulation of Bclâ€2 expression in the central nervous system of aged Fisherâ€344 rats. Journal of Neurochemistry, 2001, 76, 1099-1108.	3.9	68
61	Cytokine/neurotrophin interaction in the aged central nervous system. Journal of Anatomy, 2000, 197, 543-551.	1.5	18
62	Nerve growth factor (NGF) influences differentiation and proliferation of myogenic cells in vitro via TrKA. International Journal of Developmental Neuroscience, 2000, 18, 869-885.	1.6	73
63	NGF-resistant PC12 cell death induced by arachidonic acid is accompanied by a decrease of active PKC zeta and nuclear factor kappa B. Journal of Neuroscience Research, 1999, 57, 219-226.	2.9	49
64	NGFâ€resistant PC12 cell death induced by arachidonic acid is accompanied by a decrease of active PKC zeta and nuclear factor kappa B. Journal of Neuroscience Research, 1999, 57, 219-226.	2.9	4
65	Central nervous system DNA fragmentation induced by the inhibition of nuclear factor kappa B. NeuroReport, 1998, 9, 489-493.	1.2	61
66	Signal Transduction in Neuronal Death. Journal of Neurochemistry, 1998, 71, 447-459.	3.9	55
67	Effect of a longâ€term nerve growth factor treatment on body weight, blood pressure,and serum corticosterone in rats. International Journal of Developmental Neuroscience, 1997, 15, 703-710.	1.6	14
68	Inhibition of nuclear factor kappa B (NF?B) activity induces nerve growth factor-resistant apoptosis in PC12 cells. Journal of Neuroscience Research, 1997, 47, 155-162.	2.9	172
69	Inhibition of nuclear factor kappa B (NFÎºB) activity induces nerve growth factorâ€resistant apoptosis in PC12 cells. Journal of Neuroscience Research, 1997, 47, 155-162.	2.9	4
70	Suppression of p140^{trkA} Does Not Abolish Nerve Growth Factorâ€Mediated Rescue of Serumâ€Free PC12 Cells. Journal of Neurochemistry, 1996, 66, 1826-1835.	3.9	40