

Giulio Tagliatela

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,910
citations

186265

28
h-index

175258

52
g-index

83
all docs

83
docs citations

83
times ranked

4419
citing authors

#	ARTICLE	IF	CITATIONS
1	NF κ B-Activated Astroglial Release of Complement C3 Compromises Neuronal Morphology and Function Associated with Alzheimer's Disease. <i>Neuron</i> , 2015, 85, 101-115.	8.1	442
2	Intermediate- and long-term recognition memory deficits in Tg2576 mice are reversed with acute calcineurin inhibition. <i>Behavioural Brain Research</i> , 2009, 200, 95-99.	2.2	181
3	Inhibition of nuclear factor kappa B (NF κ B) activity induces nerve growth factor-resistant apoptosis in PC12 cells. <i>Journal of Neuroscience Research</i> , 1997, 47, 155-162.	2.9	172
4	Acute inhibition of calcineurin restores associative learning and memory in Tg2576 APP transgenic mice. <i>Neurobiology of Learning and Memory</i> , 2007, 88, 217-224.	1.9	135
5	NMNAT2:HSP90 Complex Mediates Proteostasis in Proteinopathies. <i>PLoS Biology</i> , 2016, 14, e1002472.	5.6	105
6	A Role for Calcineurin in Alzheimers Disease. <i>Current Neuropharmacology</i> , 2011, 9, 685-692.	2.9	99
7	A β Synuclein oligomers oppose long-term potentiation and impair memory through a calcineurin-dependent mechanism: relevance to human synucleopathic diseases. <i>Journal of Neurochemistry</i> , 2012, 120, 440-452.	3.9	94
8	Amyloid β oligomers impair fear conditioned memory in a calcineurin-dependent fashion in mice. <i>Journal of Neuroscience Research</i> , 2010, 88, 2923-2932.	2.9	93
9	Dysregulated phosphorylation of Ca ²⁺ /calmodulin-dependent protein kinase II in the hippocampus of subjects with mild cognitive impairment and Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2011, 119, 791-804.	3.9	91
10	Selective induction of calcineurin activity and signaling by oligomeric amyloid beta. <i>Aging Cell</i> , 2008, 7, 824-835.	6.7	87
11	Nerve growth factor (NGF) influences differentiation and proliferation of myogenic cells in vitro via TrKA. <i>International Journal of Developmental Neuroscience</i> , 2000, 18, 869-885.	1.6	73
12	Absence of amyloid β oligomers at the postsynapse and regulated synaptic Zn ²⁺ in cognitively intact aged individuals with Alzheimer's disease neuropathology. <i>Molecular Neurodegeneration</i> , 2012, 7, 23.	10.8	72
13	Oxidative stress-dependent up-regulation of Bcl-2 expression in the central nervous system of aged Fisher F344 rats. <i>Journal of Neurochemistry</i> , 2001, 76, 1099-1108.	3.9	68
14	Reduced Incidence of Dementia in Solid Organ Transplant Patients Treated with Calcineurin Inhibitors. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 329-333.	2.6	63
15	Central nervous system DNA fragmentation induced by the inhibition of nuclear factor kappa B. <i>NeuroReport</i> , 1998, 9, 489-493.	1.2	61
16	Preserved neurogenesis in non-demented individuals with AD neuropathology. <i>Scientific Reports</i> , 2016, 6, 27812.	3.3	58
17	Signal Transduction in Neuronal Death. <i>Journal of Neurochemistry</i> , 1998, 71, 447-459.	3.9	55
18	Bcl-2 Localized at the Nuclear Compartment Induces Apoptosis after Transient Overexpression. <i>Journal of Biological Chemistry</i> , 2006, 281, 40493-40502.	3.4	50

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19	NGF-resistant PC12 cell death induced by arachidonic acid is accompanied by a decrease of active PKC zeta and nuclear factor kappa B. <i>Journal of Neuroscience Research</i> , 1999, 57, 219-226.	2.9	49
20	Calcineurin Inhibition at the Clinical Phase of Prion Disease Reduces Neurodegeneration, Improves Behavioral Alterations and Increases Animal Survival. <i>PLoS Pathogens</i> , 2010, 6, e1001138.	4.7	47
21	Inhibition of Transcription Factor Activity by Nuclear Compartment-associated Bcl-2. <i>Journal of Biological Chemistry</i> , 2004, 279, 54470-54478.	3.4	43
22	Oxidative Damage and Antioxidant Response in Frontal Cortex of Demented and Nondemented Individuals with Alzheimer's Neuropathology. <i>Journal of Neuroscience</i> , 2021, 41, 538-554.	3.6	41
23	Suppression of p140 ^{trkA} Does Not Abolish Nerve Growth Factor-Mediated Rescue of Serum-Free PC12 Cells. <i>Journal of Neurochemistry</i> , 1996, 66, 1826-1835.	3.9	40
24	Near infrared light decreases synaptic vulnerability to amyloid beta oligomers. <i>Scientific Reports</i> , 2017, 7, 15012.	3.3	38
25	Hippocampal stem cells promotes synaptic resistance to the dysfunctional impact of amyloid beta oligomers via secreted exosomes. <i>Molecular Neurodegeneration</i> , 2019, 14, 25.	10.8	38
26	PPARgamma agonists rescue increased phosphorylation of FGF14 at S226 in the Tg2576 mouse model of Alzheimer's disease. <i>Experimental Neurology</i> , 2017, 295, 1-17.	4.1	35
27	Neurotoxic tau oligomers after single versus repetitive mild traumatic brain injury. <i>Brain Communications</i> , 2019, 1, fcz004.	3.3	35
28	Non-Demented Individuals with Alzheimer's Disease Neuropathology: Resistance to Cognitive Decline May Reveal New Treatment Strategies. <i>Current Pharmaceutical Design</i> , 2016, 22, 4063-4068.	1.9	32
29	Postsynaptic Proteome of Non-Demented Individuals with Alzheimer's Disease Neuropathology. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 659-682.	2.6	31
30	A peripheral neuroimmune link: glutamate agonists upregulate NMDA NR1 receptor mRNA and protein, vimentin, TNF- α , and RANTES in cultured human synoviocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R584-R598.	1.8	30
31	Near Infrared Light Treatment Reduces Synaptic Levels of Toxic Tau Oligomers in Two Transgenic Mouse Models of Human Tauopathies. <i>Molecular Neurobiology</i> , 2019, 56, 3341-3355.	4.0	28
32	Functional Integrity of Synapses in the Central Nervous System of Cognitively Intact Individuals with High Alzheimer's Disease Neuropathology Is Associated with Absence of Synaptic Tau Oligomers. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1661-1678.	2.6	28
33	Elevated phospholipase D isoform 1 in Alzheimer's disease patients' hippocampus: Relevance to synaptic dysfunction and memory deficits. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018, 4, 89-102.	3.7	27
34	A method to determine insulin responsiveness in synaptosomes isolated from frozen brain tissue. <i>Journal of Neuroscience Methods</i> , 2016, 261, 128-134.	2.5	26
35	Chronic synaptic insulin resistance after traumatic brain injury abolishes insulin protection from amyloid beta and tau oligomer-induced synaptic dysfunction. <i>Scientific Reports</i> , 2019, 9, 8228.	3.3	24
36	Ablation of amyloid precursor protein increases insulin-degrading enzyme levels and activity in brain and peripheral tissues. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E106-E120.	3.5	24

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37	Tumour necrosis factor-alpha- vs. growth factor deprivation-promoted cell death: distinct converging pathways. <i>Aging Cell</i> , 2003, 2, 245-256.	6.7	22
38	Overexpression of heat shock factor 1 maintains TAR DNA binding protein 43 solubility via induction of inducible heat shock protein 70 in cultured cells. <i>Journal of Neuroscience Research</i> , 2016, 94, 671-682.	2.9	22
39	The Ames dwarf mutation attenuates Alzheimer's disease phenotype of APP/PS1 mice. <i>Neurobiology of Aging</i> , 2016, 40, 22-40.	3.1	21
40	Differential protein expression in the hippocampi of resilient individuals identified by digital spatial profiling. <i>Acta Neuropathologica Communications</i> , 2022, 10, 23.	5.2	21
41	Selected microRNAs Increase Synaptic Resilience to the Damaging Binding of the Alzheimer's Disease Amyloid Beta Oligomers. <i>Molecular Neurobiology</i> , 2020, 57, 2232-2243.	4.0	20
42	Hsp60 Protects against Amyloid β^2 Oligomer Synaptic Toxicity via Modification of Toxic Oligomer Conformation. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2858-2867.	3.5	19
43	Cytokine/neurotrophin interaction in the aged central nervous system. <i>Journal of Anatomy</i> , 2000, 197, 543-551.	1.5	18
44	Peripheral adipose tissue insulin resistance alters lipid composition and function of hippocampal synapses. <i>Journal of Neurochemistry</i> , 2015, 133, 125-133.	3.9	18
45	TREM2-induced activation of microglia contributes to synaptic integrity in cognitively intact aged individuals with Alzheimer's neuropathology. <i>Brain Pathology</i> , 2023, 33, .	4.1	18
46	Effect of a long-term nerve growth factor treatment on body weight, blood pressure, and serum corticosterone in rats. <i>International Journal of Developmental Neuroscience</i> , 1997, 15, 703-710.	1.6	14
47	A β /tau oligomer interplay at human synapses supports shifting therapeutic targets for Alzheimer's disease. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 222.	5.4	14
48	Tumour necrosis factor-alpha- vs. growth factor deprivation-promoted cell death: different receptor requirements for mediating nerve growth factor-promoted rescue. <i>Aging Cell</i> , 2003, 2, 83-92.	6.7	10
49	Neuroimmunomodulation by calcineurin in aging and Alzheimer's disease. , 2010, 1, 245-53.		8
50	Suppressing aberrant phospholipase D1 signaling in 3xTg Alzheimer's disease mouse model promotes synaptic resilience. <i>Scientific Reports</i> , 2019, 9, 18342.	3.3	6
51	Near-infrared light reduces glia activation and modulates neuroinflammation in the brains of diet-induced obese mice. <i>Scientific Reports</i> , 2022, 12, .	3.3	6
52	Signaling pathways mediating a selective induction of nitric oxide synthase II by tumor necrosis factor alpha in nerve growth factor-responsive cells. <i>Journal of Neuroinflammation</i> , 2005, 2, 19.	7.2	5
53	Combinatory FK506 and Minocycline Treatment Alleviates Prion-Induced Neurodegenerative Events via Caspase-Mediated MAPK-NRF2 Pathway. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1144.	4.1	5
54	Amelioration of hippocampal dysfunction by adipose tissue-targeted stem cell transplantation in a mouse model of type 2 diabetes. <i>Journal of Neurochemistry</i> , 2020, 153, 51-62.	3.9	5

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55	Rapid assay for quantitative measurement of apoptosis in cultured cells and brain tissue. <i>Journal of Neuroscience Methods</i> , 2006, 155, 134-142.	2.5	4
56	Inhibition of nuclear factor kappa B (NF κ B) activity induces nerve growth factor-resistant apoptosis in PC12 cells. <i>Journal of Neuroscience Research</i> , 1997, 47, 155-162.	2.9	4
57	NGF-resistant PC12 cell death induced by arachidonic acid is accompanied by a decrease of active PKC zeta and nuclear factor kappa B. <i>Journal of Neuroscience Research</i> , 1999, 57, 219-226.	2.9	4
58	Age dependence of retinal vascular plexus attenuation in the triple transgenic mouse model of Alzheimer's disease. <i>Experimental Eye Research</i> , 2022, 214, 108879.	2.6	4
59	Tyrosine Kinase Inhibitors Reduce NMDA NR1 Subunit Expression, Nuclear Translocation, and Behavioral Pain Measures in Experimental Arthritis. <i>Frontiers in Physiology</i> , 2020, 11, 440.	2.8	3
60	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
61	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
62	[O1-07-03]: SYNAPTIC RESILIENCE TO TAU AND AMYLOID BETA OLIGOMERS INDUCED BY NEURAL STEM CELL-DERIVED EXOSOMES. <i>Alzheimer's and Dementia</i> , 2017, 13, P205.	0.8	0
63	O2-01-03: SELECTED MICRO RNAS FROM NEURAL STEM CELL-DERIVED EXOSOMES INCREASE SYNAPTIC RESILIENCE TO TAU AND A β OLIGOMERS. <i>Alzheimer's and Dementia</i> , 2018, 14, P609.	0.8	0
64	P3-170: INCREASED SYNAPTIC SENSITIVITY TO A β AND TAU OLIGOMERS IN THE AGING CNS AS A FUNCTION OF DECREASING NEURAL STEM CELLS. <i>Alzheimer's and Dementia</i> , 2018, 14, P1133.	0.8	0
65	P3-167: INHIBITION OF PHOSPHOLIPASE D1 AS A THERAPEUTIC IN AD-RELATED MEMORY DEFICITS. <i>Alzheimer's and Dementia</i> , 2018, 14, P1131.	0.8	0
66	Differential dynamics of A β and tau oligomer synaptic binding may suggest diverse therapeutic targets for early vs. late Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e038045.	0.8	0
67	Treating hippocampal neural stem cells with nano-pulsed laser therapy generates neurons with decreased sensitivity to toxic A β oligomers. <i>Alzheimer's and Dementia</i> , 2021, 17, e057482.	0.8	0
68	Near-infrared light reduces glial activation and modulates neuroinflammation in brains of diet-induced obese mice.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e054388.	0.8	0
69	TREM2-induced activation of microglia contributes to synaptic resilience in non-demented individuals with Alzheimer's neuropathology.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e054391.	0.8	0
70	AD- and PSP-specific brain-derived tau oligomers engage synapses with different dynamic.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e054394.	0.8	0