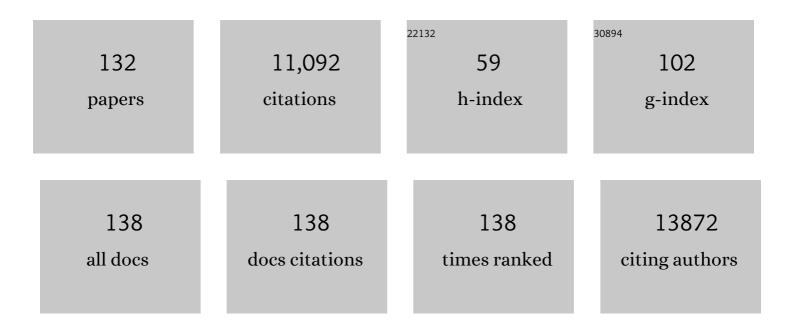


List of Publications by Year in descending order

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μινι Τανι

#	Article	IF	CITATIONS
1	Green Tea Epigallocatechin-3-Gallate (EGCG) Modulates Amyloid Precursor Protein Cleavage and Reduces Cerebral Amyloidosis in Alzheimer Transgenic Mice. Journal of Neuroscience, 2005, 25, 8807-8814.	1.7	620
2	Cholinergic modulation of microglial activation by α7 nicotinic receptors. Journal of Neurochemistry, 2004, 89, 337-343.	2.1	498
3	Green tea epigallocatechin-3-gallate (EGCC) reduces β-amyloid mediated cognitive impairment and modulates tau pathology in Alzheimer transgenic mice. Brain Research, 2008, 1214, 177-187.	1.1	401
4	Blocking TGF-β–Smad2/3 innate immune signaling mitigates Alzheimer-like pathology. Nature Medicine, 2008, 14, 681-687.	15.2	394
5	The microglial "activation" continuum: from innate to adaptive responses. Journal of Neuroinflammation, 2005, 2, 24.	3.1	376
6	Stimulation of cannabinoid receptor 2 (CB2) suppresses microglial activation. Journal of Neuroinflammation, 2005, 2, 29.	3.1	305
7	Caffeine Reverses Cognitive Impairment and Decreases Brain Amyloid-β Levels in Aged Alzheimer's Disease Mice. Journal of Alzheimer's Disease, 2009, 17, 661-680.	1.2	270
8	Inflammaging as a prodrome to Alzheimer's disease. Journal of Neuroinflammation, 2008, 5, 51.	3.1	258
9	Nanolipidic particles improve the bioavailability and α-secretase inducing ability of epigallocatechin-3-gallate (EGCC) for the treatment of Alzheimer's disease. International Journal of Pharmaceutics, 2010, 389, 207-212.	2.6	256
10	Microglia Activation as a Biomarker for Traumatic Brain Injury. Frontiers in Neurology, 2013, 4, 30.	1.1	219
11	Role of CD40 ligand in amyloidosis in transgenic Alzheimer's mice. Nature Neuroscience, 2002, 5, 1288-1293.	7.1	196
12	Electromagnetic Field Treatment Protects Against and Reverses Cognitive Impairment in Alzheimer's Disease Mice. Journal of Alzheimer's Disease, 2010, 19, 191-210.	1.2	189
13	ADAM10 Activation Is Required for Green Tea (–)-Epigallocatechin-3-gallate-induced α-Secretase Cleavage of Amyloid Precursor Protein. Journal of Biological Chemistry, 2006, 281, 16419-16427.	1.6	186
14	Physiological amyloid-beta clearance in the periphery and its therapeutic potential for Alzheimer's disease. Acta Neuropathologica, 2015, 130, 487-499.	3.9	180
15	Mitochondrial Amyloid-β Levels are Associated with the Extent of Mitochondrial Dysfunction in Different Brain Regions and the Degree of Cognitive Impairment in Alzheimer's Transgenic Mice. Journal of Alzheimer's Disease, 2010, 20, S535-S550.	1.2	178
16	Overexpression of human S100B exacerbates cerebral amyloidosis and gliosis in the Tg2576 mouse model of Alzheimer's disease. Glia, 2010, 58, 300-314.	2.5	176
17	Apigenin and luteolin modulate microglial activation via inhibition of STAT1-induced CD40 expression. Journal of Neuroinflammation, 2008, 5, 41.	3.1	175
18	Microglia Recognize Double-Stranded RNA via TLR3. Journal of Immunology, 2006, 176, 3804-3812.	0.4	174

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19	T-Cells in Alzheimer's Disease. NeuroMolecular Medicine, 2005, 7, 255-264.	1.8	167
20	Neuronal expression of CD22: Novel mechanism for inhibiting microglial proinflammatory cytokine production. Glia, 2004, 46, 369-379.	2.5	159
21	Green Tea Epigallocatechin-3-Gallate (EGCG) and Other Flavonoids Reduce Alzheimer's Amyloid-Induced Mitochondrial Dysfunction. Journal of Alzheimer's Disease, 2011, 26, 507-521.	1.2	156
22	Tannic Acid Is a Natural β-Secretase Inhibitor That Prevents Cognitive Impairment and Mitigates Alzheimer-like Pathology in Transgenic Mice. Journal of Biological Chemistry, 2012, 287, 6912-6927.	1.6	156
23	Ferulic Acid Is a Nutraceutical β-Secretase Modulator That Improves Behavioral Impairment and Alzheimer-like Pathology in Transgenic Mice. PLoS ONE, 2013, 8, e55774.	1.1	155
24	Melatonin treatment restores mitochondrial function in Alzheimer's mice: a mitochondrial protective role of melatonin membrane receptor signaling. Journal of Pineal Research, 2011, 51, 75-86.	3.4	147
25	Soluble amyloid precursor protein-α modulates β-secretase activity and amyloid-β generation. Nature Communications, 2012, 3, 777.	5.8	140
26	Enhanced cognitive activity—over and above social or physical activity—is required to protect Alzheimer's mice against cognitive impairment, reduce Aβ deposition, and increase synaptic immunoreactivity. Neurobiology of Learning and Memory, 2007, 88, 277-294.	1.0	137
27	Flavonoidâ€mediated presenilinâ€1 phosphorylation reduces Alzheimer's disease βâ€amyloid production. Journal of Cellular and Molecular Medicine, 2009, 13, 574-588.	1.6	129
28	CD45 Opposes β-Amyloid Peptide-Induced Microglial Activation via Inhibition of p44/42 Mitogen-Activated Protein Kinase. Journal of Neuroscience, 2000, 20, 7587-7594.	1.7	127
29	Luteolin Reduces Alzheimer's Disease Pathologies Induced by Traumatic Brain Injury. International Journal of Molecular Sciences, 2014, 15, 895-904.	1.8	117
30	CD40 signaling regulates innate and adaptive activation of microglia in response to amyloid ?-peptide. European Journal of Immunology, 2005, 35, 901-910.	1.6	115
31	Maternal Immune Activation and Autism Spectrum Disorder: Interleukin-6 Signaling as a Key Mechanistic Pathway. NeuroSignals, 2010, 18, 113-128.	0.5	111
32	Peripherally Administered Human Umbilical Cord Blood Cells Reduce Parenchymal and Vascular <i>β</i> -Amyloid Deposits in Alzheimer Mice. Stem Cells and Development, 2008, 17, 423-440.	1.1	110
33	Alzheimer's β-amyloid peptides induce inflammatory cascade in human vascular cells: the roles of cytokines and CD40. Brain Research, 1998, 807, 110-117.	1.1	109
34	CD40 is expressed and functional on neuronal cells. EMBO Journal, 2002, 21, 643-652.	3.5	108
35	Immunotherapy for Alzheimer disease—the challenge of adverse effects. Nature Reviews Neurology, 2012, 8, 465-469.	4.9	107
36	The immunology of traumatic brain injury: a prime target for Alzheimer's disease prevention. Journal of Neuroinflammation, 2012, 9, 185.	3.1	96

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37	Flavonoids, a prenatal prophylaxis via targeting JAK2/STAT3 signaling to oppose IL-6/MIA associated autism. Journal of Neuroimmunology, 2009, 217, 20-27.	1.1	95
38	p35/Cdk5 pathway mediates soluble amyloid-? peptide-induced tau phosphorylation in vitro. Journal of Neuroscience Research, 2002, 69, 362-372.	1.3	91
39	Antiretroviral medications disrupt microglial phagocytosis of β-amyloid and increase its production by neurons: Implications for HIV-associated neurocognitive disorders. Molecular Brain, 2011, 4, 23.	1.3	91
40	Baicalein reduces βâ€amyloid and promotes nonamyloidogenic amyloid precursor protein processing in an Alzheimer's disease transgenic mouse model. Journal of Neuroscience Research, 2013, 91, 1239-1246.	1.3	91
41	Induction of apoptosis and autophagy via sirtuin1- and PI3K/Akt/mTOR-mediated pathways by plumbagin in human prostate cancer cells. Drug Design, Development and Therapy, 2015, 9, 1511.	2.0	86
42	CD45 Inhibits CD40L-induced Microglial Activation via Negative Regulation of the Src/p44/42 MAPK Pathway. Journal of Biological Chemistry, 2000, 275, 37224-37231.	1.6	82
43	Clearance of Amyloid-Beta in Alzheimer's Disease: Shifting the Action Site from Center to Periphery. Molecular Neurobiology, 2015, 51, 1-7.	1.9	79
44	Combined treatment with the phenolics (â^')-epigallocatechin-3-gallate and ferulic acid improves cognition and reduces Alzheimer-like pathology in mice. Journal of Biological Chemistry, 2019, 294, 2714-5444.	1.6	78
45	Reduced Th1 and enhanced Th2 immunity after immunization with Alzheimer's β-amyloid1–42. Journal of Neuroimmunology, 2002, 132, 49-59.	1.1	76
46	Overexpression of Human S100B Exacerbates Brain Damage and Periinfarct Gliosis After Permanent Focal Ischemia. Stroke, 2008, 39, 2114-2121.	1.0	76
47	Fish oil enhances anti-amyloidogenic properties of green tea EGCG in Tg2576 mice. Neuroscience Letters, 2010, 471, 134-138.	1.0	76
48	Crystal Engineering of Green Tea Epigallocatechin-3-gallate (EGCg) Cocrystals and Pharmacokinetic Modulation in Rats. Molecular Pharmaceutics, 2013, 10, 2948-2961.	2.3	76
49	EGCG functions through estrogen receptorâ€mediated activation of ADAM10 in the promotion of nonâ€amyloidogenic processing of APP. FEBS Letters, 2010, 584, 4259-4267.	1.3	74
50	CD45 Deficiency Drives Amyloid-β Peptide Oligomers and Neuronal Loss in Alzheimer's Disease Mice. Journal of Neuroscience, 2011, 31, 1355-1365.	1.7	74
51	Activation of microglial cells by the CD40 pathway: relevance to multiple sclerosis. Journal of Neuroimmunology, 1999, 97, 77-85.	1.1	73
52	Characterization of murine immunoglobulin G antibodies against human amyloid-β1–42. Neuroscience Letters, 2001, 307, 101-104.	1.0	73
53	Restoring Soluble Amyloid Precursor Protein α Functions as a Potential Treatment for <scp>A</scp> lzheimer's Disease. Journal of Neuroscience Research, 2017, 95, 973-991.	1.3	71
54	Transcutaneous beta-amyloid immunization reduces cerebral beta-amyloid deposits without T cell infiltration and microhemorrhage. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2507-2512.	3.3	70

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55	Improving Lithium Therapeutics by Crystal Engineering of Novel Ionic Cocrystals. Molecular Pharmaceutics, 2013, 10, 4728-4738.	2.3	70
56	EGCG mitigates neurotoxicity mediated by HIV-1 proteins gp120 and Tat in the presence of IFN-Î ³ : Role of JAK/STAT1 signaling and implications for HIV-associated dementia. Brain Research, 2006, 1123, 216-225.	1.1	69
57	Nutraceuticals Synergistically Promote Proliferation of Human Stem Cells. Stem Cells and Development, 2006, 15, 118-123.	1.1	67
58	The Treatment of Neurodegenerative Disorders Using Umbilical Cord Blood and Menstrual Blood-Derived Stem Cells. Cell Transplantation, 2011, 20, 85-94.	1.2	65
59	Arundic Acid Ameliorates Cerebral Amyloidosis and Gliosis in Alzheimer Transgenic Mice. Journal of Pharmacology and Experimental Therapeutics, 2006, 318, 571-578.	1.3	63
60	CD40 signaling and Alzheimer's disease pathogenesis. Neurochemistry International, 2001, 39, 371-380.	1.9	60
61	Soluble amyloid precursor protein alpha inhibits tau phosphorylation through modulation of <scp>GSK</scp> 3î² signaling pathway. Journal of Neurochemistry, 2015, 135, 630-637.	2.1	60
62	Diosmin reduces cerebral Aβ levels, tau hyperphosphorylation, neuroinflammation, and cognitive impairment in the 3xTg-AD mice. Journal of Neuroimmunology, 2016, 299, 98-106.	1.1	60
63	Efavirenz Promotes β-Secretase Expression and Increased Aβ1-40,42 via Oxidative Stress and Reduced Microglial Phagocytosis: Implications for HIV Associated Neurocognitive Disorders (HAND). PLoS ONE, 2014, 9, e95500.	1.1	57
64	Rapamycin promotes Î ² -amyloid production via ADAM-10 inhibition. Biochemical and Biophysical Research Communications, 2010, 398, 337-341.	1.0	56
65	Optimized Turmeric Extracts have Potent Anti-Amyloidogenic Effects. Current Alzheimer Research, 2009, 6, 564-571.	0.7	55
66	Optimized Turmeric Extract Reduces ?-Amyloid and Phosphorylated Tau Protein Burden in Alzheimer's Transgenic Mice. Current Alzheimer Research, 2012, 9, 500-506.	0.7	55
67	Association Between Serum Amyloid-Beta and Renal Functions: Implications for Roles of Kidney in Amyloid-Beta Clearance. Molecular Neurobiology, 2015, 52, 115-119.	1.9	55
68	CD45 isoform alteration in CD4+ T cells as a potential diagnostic marker of Alzheimer's disease. Journal of Neuroimmunology, 2002, 132, 164-172.	1.1	52
69	Spirulina Promotes Stem Cell Genesis and Protects against LPS Induced Declines in Neural Stem Cell Proliferation. PLoS ONE, 2010, 5, e10496.	1.1	52
70	Association of Smoking and Alcohol Drinking with Dementia Risk Among Elderly Men in China. Current Alzheimer Research, 2014, 11, 1-1.	0.7	51
71	Gallic acid is a dual α/β-secretase modulator that reverses cognitive impairment and remediates pathology in Alzheimer mice. Journal of Biological Chemistry, 2020, 295, 16251-16266.	1.6	49
72	Peripheral biomarkers in Autism: secreted amyloid precursor protein-alpha as a probable key player in early diagnosis. International Journal of Clinical and Experimental Medicine, 2008, 1, 338-44.	1.3	49

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73	CD40–CD40L interaction in Alzheimer's disease. Current Opinion in Pharmacology, 2002, 2, 445-451.	1.7	48
74	Lovastatin modulation of microglial activation via suppression of functional CD40 expression. Journal of Neuroscience Research, 2004, 78, 167-176.	1.3	46
75	Blueberry Opposes <i>β</i> -Amyloid Peptide-Induced Microglial Activation Via Inhibition of p44/42 Mitogen-Activation Protein Kinase. Rejuvenation Research, 2008, 11, 891-901.	0.9	45
76	Combination therapy with octyl gallate and ferulic acid improves cognition and neurodegeneration in a transgenic mouse model of Alzheimer's disease. Journal of Biological Chemistry, 2017, 292, 11310-11325.	1.6	44
77	Methylene Blue Modulates β-Secretase, Reverses Cerebral Amyloidosis, and Improves Cognition in Transgenic Mice. Journal of Biological Chemistry, 2014, 289, 30303-30317.	1.6	43
78	Multiple Low-Dose Infusions of Human Umbilical Cord Blood Cells Improve Cognitive Impairments and Reduce Amyloid-β-Associated Neuropathology in Alzheimer Mice. Stem Cells and Development, 2013, 22, 412-421.	1.1	42
79	Immunity and Alzheimer's disease: immunological perspectives on the development of novel therapies. Drug Discovery Today, 2013, 18, 1212-1220.	3.2	39
80	Behavioral effects of CD40–CD40L pathway disruption in aged PSAPP mice. Brain Research, 2004, 1015, 161-168.	1.1	37
81	HIV-1 Tat contributes to Alzheimer's disease-like pathology in PSAPP mice. International Journal of Clinical and Experimental Pathology, 2009, 2, 433-43.	0.5	37
82	Oxidative Stress of Neural, Hematopoietic, and Stem Cells: Protection by Natural Compounds. Rejuvenation Research, 2007, 10, 173-178.	0.9	36
83	Interferon-??-Inducing Factor Elicits Antitumor Immunity Association with Interferon-?? Production. Journal of Immunotherapy, 1998, 21, 48-55.	1.2	35
84	Impact of the CD40-CD40L Dyad in Alzheimers Disease. CNS and Neurological Disorders - Drug Targets, 2010, 9, 149-155.	0.8	33
85	HIV Non-Nucleoside Reverse Transcriptase Inhibitor Efavirenz Reduces Neural Stem Cell Proliferation in Vitro and in Vivo. Cell Transplantation, 2016, 25, 1967-1977.	1.2	31
86	A Novel Apolipoprotein E Antagonist Functionally Blocks Apolipoprotein E Interaction With N-terminal Amyloid Precursor Protein, Reduces β-Amyloid-Associated Pathology, and Improves Cognition. Biological Psychiatry, 2019, 86, 208-220.	0.7	29
87	HIV-1 TAT inhibits microglial phagocytosis of Abeta peptide. International Journal of Clinical and Experimental Pathology, 2008, 1, 260-75.	0.5	29
88	GFAP expression and social deficits in transgenic mice overexpressing human sAPPα. Glia, 2013, 61, 1556-1569.	2.5	28
89	Flipping the switches: CD40 and CD45 modulation of microglial activation states in HIV associated dementia (HAD). Molecular Neurodegeneration, 2011, 6, 3.	4.4	26
90	Human Umbilical Cord Blood-Derived Monocytes Improve Cognitive Deficits and Reduce Amyloid-Î ² Pathology in PSAPP Mice. Cell Transplantation, 2015, 24, 2237-2250.	1.2	26

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91	Autoreactiveâ€Aβ antibodies promote APP βâ€secretase processing. Journal of Neurochemistry, 2012, 120, 732-740.	2.1	25
92	Swedish mutant APP-based BACE1 binding site peptide reduces APP β-cleavage and cerebral Aβ levels in Alzheimer's mice. Scientific Reports, 2015, 5, 11322.	1.6	25
93	The role of tau protein in HIV-associated neurocognitive disorders. Molecular Neurodegeneration, 2014, 9, 40.	4.4	24
94	Biodistribution of Infused Human Umbilical Cord Blood Cells in Alzheimer's Disease-Like Murine Model. Cell Transplantation, 2016, 25, 195-199.	1.2	24
95	Beneficial effects of a pyrroloquinolinequinone-containing dietary formulation on motor deficiency, cognitive decline and mitochondrial dysfunction in a mouse model of Alzheimer's disease. Heliyon, 2017, 3, e00279.	1.4	24
96	A Review for Lithium: Pharmacokinetics, Drug Design, and Toxicity. CNS and Neurological Disorders - Drug Targets, 2020, 18, 769-778.	0.8	23
97	Nestin Overexpression Precedes Caspase-3 Upregulation in Rats Exposed to Controlled Cortical Impact Traumatic Brain Injury. Cell Medicine, 2012, 4, 55-63.	5.0	22
98	Octyl Gallate Markedly Promotes Anti-Amyloidogenic Processing of APP through Estrogen Receptor-Mediated ADAM10 Activation. PLoS ONE, 2013, 8, e71913.	1.1	22
99	MSM ameliorates HIV-1 Tat induced neuronal oxidative stress via rebalance of the glutathione cycle. American Journal of Translational Research (discontinued), 2015, 7, 328-38.	0.0	22
100	CD45RB Is a Novel Molecular Therapeutic Target to Inhibit $A\hat{I}^2$ Peptide-Induced Microglial MAPK Activation. PLoS ONE, 2008, 3, e2135.	1.1	21
101	Augmented Delayed Infarct Expansion and Reactive Astrocytosis after Permanent Focal Ischemia in Apolipoprotein E4 Knock-In Mice. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 646-656.	2.4	20
102	Modulation of Astrocytic Activation by Arundic Acid (ONO-2506) Mitigates Detrimental Effects of the Apolipoprotein E4 Isoform after Permanent Focal Ischemia in Apolipoprotein E Knock-in Mice. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 748-762.	2.4	20
103	CD45 isoform RB as a molecular target to oppose lipopolysaccharide-induced microglial activation in mice. Neuroscience Letters, 2004, 362, 26-30.	1.0	19
104	Green Tea-EGCG reduces GFAP associated neuronal loss in HIV-1 Tat transgenic mice. American Journal of Translational Research (discontinued), 2009, 1, 72-9.	0.0	18
105	HIV-1 Tat-induced microglial activation and neuronal damage is inhibited via CD45 modulation: A potential new treatment target for HAND. American Journal of Translational Research (discontinued), 2012, 4, 302-15.	0.0	18
106	The role of glycogen synthase kinase-3 signaling in neurodevelopment and fragile X syndrome. International Journal of Physiology, Pathophysiology and Pharmacology, 2012, 4, 140-8.	0.8	18
107	EVALUATION OF HOW CIGARETTE SMOKE IS A DIRECT RISK FACTOR FOR ALZHEIMER'S DISEASE. Technology and Innovation, 2012, 14, 39-48.	0.2	16
108	Aberrant Tâ€lymphocyte development and function in mice overexpressing human soluble amyloid precursor proteinâ€l±: implications for autism. FASEB Journal, 2012, 26, 1040-1051.	0.2	16

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109	Suppressed cytokine expression immediatey following traumatic brain injury in neonatal rats indicates an expeditious endogenous anti-inflammatory response. Brain Research, 2014, 1559, 65-71.	1.1	16
110	Chronic mild stress-induced changes of risk assessment behaviors in mice are prevented by chronic treatment with fluoxetine but not diazepam. Pharmacology Biochemistry and Behavior, 2014, 116, 116-128.	1.3	15
111	Plasma and brain pharmacokinetics of previously unexplored lithium salts. RSC Advances, 2014, 4, 12362-12365.	1.7	14
112	The role of heparan sulfate deficiency in autistic phenotype: potential involvement of Slit/Robo/srGAPs-mediated dendritic spine formation. Neural Development, 2016, 11, 11.	1.1	13
113	White-Matter Hyperintensities and Lacunar Infarcts Are Associated with an Increased Risk of		

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127	Potential Autoepitope within the Extracellular Region of Contactin-Associated Protein-like 2 in Mice. British Journal of Medicine and Medical Research, 2014, 4, 416-432.	0.2	1
128	Mycoplasma hyorhinis markedly degrades β-amyloid peptides in vitro and ex vivo: a novel biological approach for treating Alzheimer's disease?. American Journal of Translational Research (discontinued), 2013, 5, 634-42.	0.0	1
129	Neuroprotection of Green Tea Derived EGCG: Implications for HIV associated dementia. FASEB Journal, 2007, 21, A1175.	0.2	Ο
130	Green Tea (â^')-Epigallocatechin-3-Gallate and Amyloid Precursor Protein. , 2013, , 1411-1423.		0
131	Therapeutic cocktail approach for treatment of hyperhomocysteinemia in Alzheimer's disease. Cell Medicine, 2017, , .	5.0	Ο
132	LED enhances anti-inflammatory effect of. American Journal of Translational Research (discontinued), 2018, 10, 283-291.	0.0	0