

# Yu-Min Kuo

## List of Publications by Year in descending order

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147  
papers

11,877  
citations

30070

54  
h-index

28297

105  
g-index

153  
all docs

153  
docs citations

153  
times ranked

12876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soluble Amyloid $\text{A}\beta$ Peptide Concentration as a Predictor of Synaptic Change in Alzheimer's Disease. <i>American Journal of Pathology</i> , 1999, 155, 853-862.	3.8	1,471
2	Water-soluble $\text{A}\beta$ (N-40, N-42) Oligomers in Normal and Alzheimer Disease Brains. <i>Journal of Biological Chemistry</i> , 1996, 271, 4077-4081.	3.4	547
3	Cerebral Amyloid Angiopathy. <i>American Journal of Pathology</i> , 1998, 153, 725-733.	3.8	472
4	Morphology and Toxicity of $\text{A}\beta$ -(1-42) Dimer Derived from Neuritic and Vascular Amyloid Deposits of Alzheimer's Disease. <i>Journal of Biological Chemistry</i> , 1996, 271, 20631-20635.	3.4	455
5	Amyloid beta peptides in human plasma and tissues and their significance for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2009, 5, 18-29.	0.8	322
6	Elevated Low-Density Lipoprotein in Alzheimer's Disease Correlates with Brain $\text{A}\beta$ 1-42 Levels. <i>Biochemical and Biophysical Research Communications</i> , 1998, 252, 711-715.	2.1	312
7	Specific Domains of $\text{A}\beta$ -Amyloid from Alzheimer Plaque Elicit Neuron Killing in Human Microglia. <i>Journal of Neuroscience</i> , 1996, 16, 6021-6037.	3.6	263
8	Increased $\text{A}\beta$ Peptides and Reduced Cholesterol and Myelin Proteins Characterize White Matter Degeneration in Alzheimer's Disease. <i>Biochemistry</i> , 2002, 41, 11080-11090.	2.5	254
9	Comparative Analysis of Amyloid- $\text{A}\beta$ Chemical Structure and Amyloid Plaque Morphology of Transgenic Mouse and Alzheimer's Disease Brains. <i>Journal of Biological Chemistry</i> , 2001, 276, 12991-12998.	3.4	228
10	Cortical and Leptomeningeal Cerebrovascular Amyloid and White Matter Pathology in Alzheimer's Disease. <i>Molecular Medicine</i> , 2003, 9, 112-122.	4.4	227
11	Exercise Benefits Brain Function: The Monoamine Connection. <i>Brain Sciences</i> , 2013, 3, 39-53.	2.3	217
12	Amyloid- $\text{A}\beta$ Induces Chemokine Secretion and Monocyte Migration across a Human Blood-Brain Barrier Model. <i>Molecular Medicine</i> , 1998, 4, 480-489.	4.4	205
13	Amyloid- $\text{A}\beta$ Peptides Interact with Plasma Proteins and Erythrocytes: Implications for Their Quantitation in Plasma. <i>Biochemical and Biophysical Research Communications</i> , 2000, 268, 750-756.	2.1	205
14	Amyloid- $\text{A}\beta$ Peptide Remnants in AN-1792-Immunized Alzheimer's Disease Patients. <i>American Journal of Pathology</i> , 2006, 169, 1048-1063.	3.8	196
15	Alterations of Alzheimer's Disease in the Cholesterol-fed Rabbit, Including Vascular Inflammation: Preliminary Observations. <i>Annals of the New York Academy of Sciences</i> , 2000, 903, 335-344.	3.8	183
16	High Levels of Circulating $\text{A}\beta$ 1-42 Are Sequestered by Plasma Proteins in Alzheimer's Disease. <i>Biochemical and Biophysical Research Communications</i> , 1999, 257, 787-791.	2.1	179
17	Running exercise protects the substantia nigra dopaminergic neurons against inflammation-induced degeneration via the activation of BDNF signaling pathway. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 135-146.	4.1	175
18	Isolation, Chemical Characterization, and Quantitation of $\text{A}\beta$ 3-Pyroglutamyl Peptide from Neuritic Plaques and Vascular Amyloid Deposits. <i>Biochemical and Biophysical Research Communications</i> , 1997, 237, 188-191.	2.1	170

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19	Exercise enhances the proliferation of neural stem cells and neurite growth and survival of neuronal progenitor cells in dentate gyrus of middle-aged mice. <i>Journal of Applied Physiology</i> , 2008, 105, 1585-1594.	2.5	168
20	Differential effects of treadmill running and wheel running on spatial or aversive learning and memory: roles of amygdalar brain-derived neurotrophic factor and synaptotagmin I. <i>Journal of Physiology</i> , 2009, 587, 3221-3231.	2.9	160
21	Microglia Activation and Anti-inflammatory Regulation in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2010, 41, 115-128.	4.0	157
22	Treadmill exercise counteracts the suppressive effects of peripheral lipopolysaccharide on hippocampal neurogenesis and learning and memory. <i>Journal of Neurochemistry</i> , 2007, 103, 2471-2481.	3.9	155
23	Elevated A $\beta$ <sup>242</sup> in Skeletal Muscle of Alzheimer Disease Patients Suggests Peripheral Alterations of A $\beta$ <sup>2PP</sup> Metabolism. <i>American Journal of Pathology</i> , 2000, 156, 797-805.	3.8	153
24	Complement activation by neurofibrillary tangles in Alzheimer's disease. <i>Neuroscience Letters</i> , 2001, 305, 165-168.	2.1	153
25	APP Transgenic Mice Tg2576 Accumulate A $\beta$ <sup>2</sup> Peptides That Are Distinct from the Chemically Modified and Insoluble Peptides Deposited in Alzheimer's Disease Senile Plaques. <i>Biochemistry</i> , 2002, 41, 922-928.	2.5	149
26	Cerebral Amyloid Angiopathy: Accumulation of Abeta in Interstitial Fluid Drainage Pathways in Alzheimer's Disease. <i>Annals of the New York Academy of Sciences</i> , 2000, 903, 110-117.	3.8	137
27	Physical Exercise Inhibits Inflammation and Microglial Activation. <i>Cells</i> , 2019, 8, 691.	4.1	132
28	Febrile seizures impair memory and cAMP response element binding protein activation. <i>Annals of Neurology</i> , 2003, 54, 706-718.	5.3	130
29	Compulsive exercise acutely upregulates rat hippocampal brain-derived neurotrophic factor. <i>Journal of Neural Transmission</i> , 2006, 113, 803-811.	2.8	129
30	The Cholinergic Deficit Coincides with A $\beta$ <sup>2</sup> Deposition at the Earliest Histopathologic Stages of Alzheimer Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000, 59, 308-313.	1.7	128
31	Cortical and leptomeningeal cerebrovascular amyloid and white matter pathology in Alzheimer's disease. <i>Molecular Medicine</i> , 2003, 9, 112-22.	4.4	121
32	Running exercise delays neurodegeneration in amygdala and hippocampus of Alzheimer's disease (APP/PS1) transgenic mice. <i>Neurobiology of Learning and Memory</i> , 2015, 118, 189-197.	1.9	120
33	Physicochemical characteristics of soluble oligomeric A $\beta$ <sup>2</sup> and their pathologic role in Alzheimer's disease. <i>Neurological Research</i> , 2005, 27, 869-881.	1.3	113
34	Irreversible dimerization/tetramerization and post-translational modifications inhibit proteolytic degradation of A $\beta$ <sup>2</sup> peptides of Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1998, 1406, 291-298.	3.8	104
35	Different types of exercise induce differential effects on neuronal adaptations and memory performance. <i>Neurobiology of Learning and Memory</i> , 2012, 97, 140-147.	1.9	100
36	The Evolution of A $\beta$ <sup>2</sup> Peptide Burden in the APP23 Transgenic Mice: Implications for A $\beta$ <sup>2</sup> Deposition in Alzheimer Disease. <i>Molecular Medicine</i> , 2001, 7, 609-618.	4.4	99

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37	Traumatic Brain Injury Increases $\beta$ -Amyloid Peptide $\beta$ 42 in Cerebrospinal Fluid. <i>Journal of Neurochemistry</i> , 1998, 71, 2505-2509.	3.9	94
38	Hemoglobin promotes A $\beta$ oligomer formation and localizes in neurons and amyloid deposits. <i>Neurobiology of Disease</i> , 2004, 17, 367-377.	4.4	90
39	Upregulation of hippocampal TrkB and synaptotagmin is involved in treadmill exercise-enhanced aversive memory in mice. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 81-89.	1.9	88
40	RAGE and amyloid beta interactions: Atomic force microscopy and molecular modeling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1741, 199-205.	3.8	87
41	Interactions between Amyloid- $\beta$ and Hemoglobin: Implications for Amyloid Plaque Formation in Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e33120.	2.5	85
42	Traumatic Brain Injury Elevates the Alzheimer's Amyloid Peptide Abeta42 in Human CSF: A Possible Role for Nerve Cell Injury. <i>Annals of the New York Academy of Sciences</i> , 2000, 903, 118-122.	3.8	83
43	Molecular modeling of the Abeta1-42 peptide from Alzheimer's disease. <i>Protein Engineering, Design and Selection</i> , 1998, 11, 761-767.	2.1	82
44	Oligomerization and fibril assembly of the amyloid- $\beta$ protein. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2000, 1502, 31-43.	3.8	77
45	BDNF reverses aging-related microglial activation. <i>Journal of Neuroinflammation</i> , 2020, 17, 210.	7.2	77
46	Differential distribution and activation of microglia in the brain of male C57BL/6J mice. <i>Brain Structure and Function</i> , 2013, 218, 1051-1060.	2.3	75
47	Elevated A $\beta$ and Apolipoprotein E in A $\beta$ PP Transgenic Mice and Its Relationship to Amyloid Accumulation in Alzheimer's Disease. <i>Molecular Medicine</i> , 2000, 6, 430-439.	4.4	73
48	Insulin rescues amyloid $\beta$ -induced impairment of hippocampal long-term potentiation. <i>Neurobiology of Aging</i> , 2009, 30, 377-387.	3.1	72
49	Treadmill exercise activates Nrf2 antioxidant system to protect the nigrostriatal dopaminergic neurons from MPP+ toxicity. <i>Experimental Neurology</i> , 2015, 263, 50-62.	4.1	71
50	Cholinergic deafferentation of the rabbit cortex: a new animal model of A $\beta$ deposition. <i>Neuroscience Letters</i> , 2000, 283, 9-12.	2.1	67
51	Apolipoprotein C-III is an Amyloid- $\beta$ -Binding Protein and an Early Marker for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 855-865.	2.6	63
52	Treadmill exercise enhances passive avoidance learning in rats: The role of down-regulated serotonin system in the limbic system. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 489-496.	1.9	61
53	Amyloid and lipids in the pathology of Alzheimer disease. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 1999, 6, 136-145.	3.0	59
54	Kinetic analysis of $\beta$ -amyloid peptide aggregation induced by metal ions based on surface plasmon resonance biosensing. <i>Journal of Neuroscience Methods</i> , 2006, 154, 190-197.	2.5	57

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55	Antibody to severe acute respiratory syndrome (SARS)-associated coronavirus spike protein domain 2 cross-reacts with lung epithelial cells and causes cytotoxicity. <i>Clinical and Experimental Immunology</i> , 2005, 141, 500-508.	2.6	56
56	TGF- $\beta$ 2 induces TIAF1 self-aggregation via type II receptor-independent signaling that leads to generation of amyloid $\beta$ 2 plaques in Alzheimer's disease. <i>Cell Death and Disease</i> , 2010, 1, e110-e110.	6.3	55
57	Long-Term Moderate Exercise Rescues Age-Related Decline in Hippocampal Neuronal Complexity and Memory. <i>Gerontology</i> , 2018, 64, 551-561.	2.8	51
58	Proteomic analysis of hypothalamic proteins of high and low egg production strains of chickens. <i>Theriogenology</i> , 2005, 64, 1490-1502.	2.1	49
59	Physical Exercise Enhances Neuroplasticity and Delays Alzheimer's Disease. <i>Brain Plasticity</i> , 2018, 4, 95-110.	3.5	48
60	Glucocorticoid signaling and exercise-induced downregulation of the mineralocorticoid receptor in the induction of adult mouse dentate neurogenesis by treadmill running. <i>Psychoneuroendocrinology</i> , 2008, 33, 1173-1182.	2.7	47
61	Hypoglycemia Induces Tau Hyperphosphorylation. <i>Current Alzheimer Research</i> , 2013, 10, 298-308.	1.4	47
62	Cocaine-but not methamphetamine-associated memory requires de novo protein synthesis. <i>Neurobiology of Learning and Memory</i> , 2007, 87, 93-100.	1.9	45
63	Proteomics analysis of plasma for potential biomarkers in the diagnosis of Alzheimer's disease. <i>Proteomics - Clinical Applications</i> , 2007, 1, 506-512.	1.6	45
64	Cortical Cholinergic Denervation Elicits Vascular $A\beta$ 2 Deposition. <i>Annals of the New York Academy of Sciences</i> , 2000, 903, 366-373.	3.8	43
65	Zfra restores memory deficits in Alzheimer's disease triple-transgenic mice by blocking aggregation of TRAPPC6A, SH3GLB2, tau, and amyloid $\beta$ 2, and inflammatory NF- $\kappa$ B activation. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 189-204.	3.7	43
66	Genotype and Plasma Concentration of Cystatin C in Patients with Late-Onset Alzheimer Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2007, 23, 251-257.	1.5	43
67	High-fat diet suppresses the astrocytic process arborization and downregulates the glial glutamate transporters in the hippocampus of mice. <i>Brain Research</i> , 2018, 1700, 66-77.	2.2	41
68	Reduction of cortical amyloid $\beta$ 2 levels in guinea pig brain after systemic administration of physostigmine. <i>Neuroscience Letters</i> , 2001, 310, 21-24.	2.1	39
69	Brain region-dependent increases in $\beta$ -amyloid and apolipoprotein E levels in hypercholesterolemic rabbits. <i>Journal of Neural Transmission</i> , 2003, 110, 641-649.	2.8	37
70	Identification of transcripts related to high egg production in the chicken hypothalamus and pituitary gland. <i>Theriogenology</i> , 2006, 66, 1274-1283.	2.1	37
71	Hypertension impairs hippocampus-related adult neurogenesis, CA1 neuron dendritic arborization and long-term memory. <i>Neuroscience</i> , 2016, 322, 346-357.	2.3	37
72	Repetitive febrile seizures in rat pups cause long-lasting deficits in synaptic plasticity and NR2A tyrosine phosphorylation. <i>Neurobiology of Disease</i> , 2005, 18, 466-475.	4.4	36

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73	Social instability stress differentially affects amygdalar neuron adaptations and memory performance in adolescent and adult rats. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 27.	2.0	36
74	Annexin A2 on lung epithelial cell surface is recognized by severe acute respiratory syndrome-associated coronavirus spike domain 2 antibodies. <i>Molecular Immunology</i> , 2010, 47, 1000-1009.	2.2	35
75	Cell-derived soluble oligomers of human amyloid- $\beta^2$ peptides disturb cellular homeostasis and induce apoptosis in primary hippocampal neurons. <i>Journal of Neural Transmission</i> , 2009, 116, 1561-1569.	2.8	34
76	Estrogen ameliorates microglial activation by inhibiting the Kir2.1 inward-rectifier K <sup>+</sup> channel. <i>Scientific Reports</i> , 2016, 6, 22864.	3.3	34
77	SDS-Stable Complex Formation between Native Apolipoprotein E3 and $\beta^2$ -Amyloid Peptides. <i>Biochemistry</i> , 2000, 39, 16119-16124.	2.5	33
78	Aging and Exercise Affect Hippocampal Neurogenesis via Different Mechanisms. <i>PLoS ONE</i> , 2015, 10, e0132152.	2.5	32
79	The Role of Glucocorticoid Receptors in Dexamethasone-Induced Apoptosis of Neuroprogenitor Cells in the Hippocampus of Rat Pups. <i>Mediators of Inflammation</i> , 2013, 2013, 1-8.	3.0	31
80	Hypertension Accelerates Alzheimer's Disease-Related Pathologies in Pigs and 3xTg Mice. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 73.	3.4	31
81	Long-term compulsive exercise reduces the rewarding efficacy of 3,4-methylenedioxymethamphetamine. <i>Behavioural Brain Research</i> , 2008, 187, 185-189.	2.2	30
82	<i>In Vivo</i> Visualization of Brain Vasculature in Alzheimer's Disease Mice by High-Frequency Micro-Doppler Imaging. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 3393-3401.	4.2	29
83	Ovarian Hormones Do Not Attenuate Methamphetamine-Induced Dopaminergic Neurotoxicity in Mice Gonadectomized at 4 Weeks Postpartum. <i>Neuroendocrinology</i> , 2002, 75, 282-287.	2.5	28
84	The Human Amyloid- $\beta^2$ Precursor Protein770 Mutation V717F Generates Peptides Longer Than Amyloid- $\beta^2$ -(40-42) and Flocculent Amyloid Aggregates. <i>Journal of Biological Chemistry</i> , 2004, 279, 5829-5836.	3.4	28
85	Early postinjury exercise reverses memory deficits and retards the progression of closed-head injury in mice. <i>Journal of Physiology</i> , 2013, 591, 985-1000.	2.9	28
86	Exercise Counteracts Aging-Related Memory Impairment: A Potential Role for the Astrocytic Metabolic Shuttle. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 57.	3.4	28
87	The Therapeutic Potential of Anti-Inflammatory Exerkines in the Treatment of Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1260.	4.1	28
88	Lack of Association Between Interleukin-1 $\beta$ Polymorphism and Alzheimer Disease or Vascular Dementia. <i>Alzheimer Disease and Associated Disorders</i> , 2003, 17, 94-97.	1.3	27
89	Local proteins associated with methamphetamine-induced nigrostriatal dopaminergic neurotoxicity. <i>Journal of Neurochemistry</i> , 2005, 95, 160-168.	3.9	26
90	Cerebrovascular Pathology and Amyloid Plaque Formation in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2014, 11, 4-10.	1.4	26

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91	Delayed Granulocyte Colony-Stimulating Factor Treatment Promotes Functional Recovery in Rats With Severe Contusive Spinal Cord Injury. <i>Spine</i> , 2012, 37, 10-17.	2.0	25
92	Chronic exposure to high fat diet triggers myelin disruption and interleukin-33 upregulation in hypothalamus. <i>BMC Neuroscience</i> , 2019, 20, 33.	1.9	25
93	Chronic treadmill running in normotensive rats resets the resting blood pressure to lower levels by upregulating the hypothalamic GABAergic system. <i>Journal of Hypertension</i> , 2011, 29, 2339-2348.	0.5	24
94	Chronic treadmill running protects hippocampal neurons from hypobaric hypoxia-induced apoptosis in rats. <i>Neuroscience</i> , 2013, 231, 216-224.	2.3	23
95	Astrocytic CCAAT/Enhancer Binding Protein $\beta$ Regulates Neuronal Viability and Spatial Learning Ability via miR-135a. <i>Molecular Neurobiology</i> , 2016, 53, 4173-4188.	4.0	23
96	The Role of Methylated Circulating Nucleic Acids as a Potential Biomarker in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2019, 56, 2440-2449.	4.0	23
97	Exacerbation of psoriatic skin lesions in a patient with Alzheimer disease receiving gamma-secretase inhibitor. <i>Journal of the American Academy of Dermatology</i> , 2013, 68, e46-e48.	1.2	22
98	Synergy of endothelial and neural progenitor cells from adipose-derived stem cells to preserve neurovascular structures in rat hypoxic-ischemic brain injury. <i>Scientific Reports</i> , 2015, 5, 14985.	3.3	22
99	Pioglitazone rescues high-fat diet-induced depression-like phenotypes and hippocampal astrocytic deficits in mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111734.	5.6	20
100	Apolipoprotein E polymorphism in various dementias in Taiwan Chinese population. <i>Journal of Neural Transmission</i> , 2002, 109, 1415-1421.	2.8	19
101	[4] Isolation of amyloid deposits from brain. <i>Methods in Enzymology</i> , 1999, 309, 58-67.	1.0	18
102	Chronic treadmill exercise in rats delicately alters the Purkinje cell structure to improve motor performance and toxin resistance in the cerebellum. <i>Journal of Applied Physiology</i> , 2012, 113, 889-895.	2.5	18
103	4-Hydroxytamoxifen attenuates methamphetamine-induced nigrostriatal dopaminergic toxicity in intact and gonadectomized mice. <i>Journal of Neurochemistry</i> , 2003, 87, 1436-1443.	3.9	17
104	Mutual enhancement of central neurotoxicity induced by ketamine followed by methamphetamine. <i>Toxicology and Applied Pharmacology</i> , 2008, 227, 239-247.	2.8	17
105	A cascade of protein aggregation bombards mitochondria for neurodegeneration and apoptosis under WWOX deficiency. <i>Cell Death and Disease</i> , 2015, 6, e1881-e1881.	6.3	17
106	The in Vivo Effect of Cordyceps sinensis Mycelium on Plasma Corticosterone Level in Male Mouse. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 1722-1725.	1.4	16
107	Amyloid precursor protein, heat-shock proteins, and Bcl-2 form a complex in mitochondria and modulate mitochondria function and apoptosis in N2a cells. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 592-601.	4.6	16
108	Acute and long-term treadmill running differentially induce c-Fos expression in region- and time-dependent manners in mouse brain. <i>Brain Structure and Function</i> , 2019, 224, 2677-2689.	2.3	16

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109	<i>Ex Vivo</i> Evaluation of Mouse Brain Elasticity Using High-Frequency Ultrasound Elastography. IEEE Transactions on Biomedical Engineering, 2019, 66, 3426-3435.	4.2	16
110	Advance in Plasma AD Core Biomarker Development: Current Findings from Immunomagnetic Reduction-Based SQUID Technology. Neurology and Therapy, 2019, 8, 95-111.	3.2	16
111	Role of WWOX WOX1 in Alzheimer s disease pathology and in cell death signaling. Frontiers in Bioscience - Scholar, 2013, S5, 72-85.	2.1	16
112	Striatal formation of 6-hydroxydopamine in mice treated with pargyline, pyrogallol and methamphetamine. Journal of Neural Transmission, 2003, 110, 487-494.	2.8	15
113	Preventive hypothermia as a neuroprotective strategy for paclitaxel-induced peripheral neuropathy. Pain, 2019, 160, 1505-1521.	4.2	15
114	Neurodegeneration in Amygdala Precedes Hippocampus in the APPswe/ PS1dE9 Mouse Model of Alzheimerâ€™s Disease. Current Alzheimer Research, 2015, 12, 951-963.	1.4	15
115	Blood Pressure Variations Real-Time Reflect the Conditioned Fear Learning and Memory. PLoS ONE, 2012, 7, e32855.	2.5	13
116	Characterization of the pattern of ischemic stroke induced by artificial particle embolization in the rat brain. Biomaterials, 2011, 32, 6381-6388.	11.4	12
117	Pancreas-Brain Crosstalk. Frontiers in Neuroanatomy, 2021, 15, 691777.	1.7	12
118	Role of WWOX WOX1 in Alzheimer s disease pathology and in cell death signaling. Frontiers in Bioscience - Elite, 2012, E4, 1951-1965.	1.8	11
119	Transient ischemic attack induced by melted solid lipid microparticles protects rat brains from permanent focal ischemia. Neuroscience, 2014, 275, 136-145.	2.3	11
120	Glucose regulates amyloid Î² production via AMPK. Journal of Neural Transmission, 2015, 122, 1381-1390.	2.8	11
121	Long-term moderate exercise accelerates the recovery of stress-evoked cardiovascular responses. Stress, 2016, 19, 125-132.	1.8	11
122	Studying Arterial Stiffness Using High-Frequency Ultrasound in Mice with Alzheimer Disease. Ultrasound in Medicine and Biology, 2017, 43, 2054-2064.	1.5	11
123	High-fat diet reduces the hippocampal content level of lactate which is correlated with the expression of glial glutamate transporters. Neuroscience Letters, 2018, 662, 142-146.	2.1	11
124	Stress Aggravates High-Fat-Diet-Induced Insulin Resistance via a Mechanism That Involves the Amygdala and Is Associated with Changes in Neuroplasticity. Neuroendocrinology, 2018, 107, 147-157.	2.5	10
125	The Role of Physical Fitness in Cognitive-Related Biomarkers in Persons at Genetic Risk of Familial Alzheimerâ€™s Disease. Journal of Clinical Medicine, 2019, 8, 1639.	2.4	10
126	Expression of AHI1 Rescues Amyloidogenic Pathology in Alzheimerâ€™s Disease Model Cells. Molecular Neurobiology, 2019, 56, 7572-7582.	4.0	10

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127	Purification of a sperm motility stimulator from porcine follicular fluid. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1992, 101, 591-594.	0.2	9
128	Intermittent peripheral exposure to lipopolysaccharide induces exploratory behavior in mice and regulates brain glial activity in obese mice. <i>Journal of Neuroinflammation</i> , 2020, 17, 163.	7.2	8
129	The Influence of Acute Hyperglycemia in an Animal Model of Lacunar Stroke That Is Induced by Artificial Particle Embolization. <i>International Journal of Medical Sciences</i> , 2016, 13, 347-356.	2.5	6
130	Ten simple rules to make the most out of your undergraduate research career. <i>PLoS Computational Biology</i> , 2017, 13, e1005484.	3.2	6
131	A Hydrolyzed Chicken Extract CMI-168 Enhances Learning and Memory in Middle-Aged Mice. <i>Nutrients</i> , 2019, 11, 27.	4.1	6
132	Voluntary exercise training attenuated the middle-aged maturity-induced cardiac apoptosis. <i>Life Sciences</i> , 2020, 259, 118187.	4.3	6
133	A cross-sectional examination of a family history of Alzheimer's disease and ApoE epsilon 4 on physical fitness, molecular biomarkers, and neurocognitive performance. <i>Physiology and Behavior</i> , 2021, 230, 113268.	2.1	6
134	Inhibition of Nigral Microglial Activation Reduces Age-Related Loss of Dopaminergic Neurons and Motor Deficits. <i>Cells</i> , 2022, 11, 481.	4.1	6
135	Opioid peptides alleviated while naloxone potentiated methamphetamine-induced striatal dopamine depletion in mice. <i>Journal of Neural Transmission</i> , 2001, 108, 1231-1237.	2.8	5
136	Neuroimage Biomarker Identification of the Conversion of Mild Cognitive Impairment to Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 584641.	2.8	5
137	Exercise-Induced Increases of Corticosterone Contribute to Exercise-Enhanced Adult Hippocampal Neurogenesis in Mice. <i>Chinese Journal of Physiology</i> , 2021, 64, 186-193.	1.0	5
138	High-fat diet-induced increases in glucocorticoids contribute to the development of non-alcoholic fatty liver disease in mice. <i>FASEB Journal</i> , 2022, 36, e22130.	0.5	5
139	High glucose enhances lipopolysaccharide-induced inflammation in cultured BV2 microglial cell line. <i>Immunity, Inflammation and Disease</i> , 2022, 10, e610.	2.7	5
140	Extremely rare incidence of the UBQLN1 polymorphism (UBQ-8i) in Taiwan Chinese with Alzheimer's disease. <i>Neuroscience Letters</i> , 2010, 475, 108-109.	2.1	4
141	Devising Hyperthermia Dose of NIR-Irradiated Cs <sub>0.33</sub> WO <sub>3</sub> Nanoparticles for HepG2 Hepatic Cancer Cells. <i>Nanoscale Research Letters</i> , 2021, 16, 108.	5.7	4
142	Inhibitory Effects of Trifluoperazine on Peripheral Proinflammatory Cytokine Expression and Hypothalamic Microglia Activation in Obese Mice Induced by Chronic Feeding With High-Fat-Diet. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 752771.	3.7	3
143	Chemical Analysis of Amyloid $\beta^2$ Protein in CAA. , 2000, , 157-177.		3
144	EFFECTS OF TREMELLA MESENTERICA ON STEROIDOGENESIS IN MA-10 MOUSE LEYDIG TUMOR CELLS. <i>Archives of Andrology</i> , 2005, 51, 285-294.	1.0	1

#	ARTICLE	IF	CITATIONS
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