

Inhee Mook-Jung

List of Publications by Year in descending order

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160
papers

8,903
citations

26610

56
h-index

51562

86
g-index

165
all docs

165
docs citations

165
times ranked

14436
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria-Targeting Ceria Nanoparticles as Antioxidants for Alzheimer's Disease. ACS Nano, 2016, 10, 2860-2870.	7.3	481
2	A Breakdown in Metabolic Reprogramming Causes Microglia Dysfunction in Alzheimer's Disease. Cell Metabolism, 2019, 30, 493-507.e6.	7.2	374
3	Transfer of a healthy microbiota reduces amyloid and tau pathology in an Alzheimer's disease animal model. Gut, 2020, 69, 283-294.	6.1	336
4	A β 1-42-RAGE Interaction Disrupts Tight Junctions of the Blood-Brain Barrier Via Ca ²⁺ -Calcineurin Signaling. Journal of Neuroscience, 2012, 32, 8845-8854.	1.7	215
5	Adenylyl Cyclase-Associated Protein 1 Is a Receptor for Human Resistin and Mediates Inflammatory Actions of Human Monocytes. Cell Metabolism, 2014, 19, 484-497.	7.2	213
6	Mitochondria-Specific Accumulation of Amyloid β 2 Induces Mitochondrial Dysfunction Leading to Apoptotic Cell Death. PLoS ONE, 2012, 7, e34929.	1.1	197
7	Two-Photon Absorbing Dyes with Minimal Autofluorescence in Tissue Imaging: Application to <i>in Vivo</i> Imaging of Amyloid- β 2 Plaques with a Negligible Background Signal. Journal of the American Chemical Society, 2015, 137, 6781-6789.	6.6	181
8	SORL1 Is Genetically Associated with Late-Onset Alzheimer's Disease in Japanese, Koreans and Caucasians. PLoS ONE, 2013, 8, e58618.	1.1	149
9	Microglia contributes to plaque growth by cell death due to uptake of amyloid β 2 in the brain of Alzheimer's disease mouse model. Glia, 2016, 64, 2274-2290.	2.5	147
10	Migration of neutrophils targeting amyloid plaques in Alzheimer's disease mouse model. Neurobiology of Aging, 2014, 35, 1286-1292.	1.5	146
11	SIRT3 deregulation is linked to mitochondrial dysfunction in Alzheimer's disease. Aging Cell, 2018, 17, e12679.	3.0	142
12	Amyloid peptide attenuates the proteasome activity in neuronal cells. Mechanisms of Ageing and Development, 2005, 126, 1292-1299.	2.2	137
13	Lovastatin enhances A β 2 production and senile plaque deposition in female Tg2576 mice. Neurobiology of Aging, 2003, 24, 637-643.	1.5	131
14	Ginsenoside Rb1 and Rg1 improve spatial learning and increase hippocampal synaptophysin level in mice. Journal of Neuroscience Research, 2001, 63, 509-515.	1.3	127
15	Chrelin Ameliorates Cognitive Dysfunction and Neurodegeneration in Intrahippocampal Amyloid- β 21-42 Oligomer-Injected Mice. Journal of Alzheimer's Disease, 2011, 23, 147-159.	1.2	121
16	Peripheral inflammatory biomarkers in Alzheimer's disease: a brief review. BMB Reports, 2020, 53, 10-19.	1.1	119
17	Neuroprotective effect of genistein against beta amyloid-induced neurotoxicity. Neurobiology of Disease, 2004, 16, 21-28.	2.1	118
18	Plasma tau/amyloid- β 21-42 ratio predicts brain tau deposition and neurodegeneration in Alzheimer's disease. Brain, 2019, 142, 771-786.	3.7	117

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19	Histochemically Reactive Zinc in Plaques of the Swedish Mutant $\text{A}\beta^{253K}$ -Amyloid Precursor Protein Transgenic Mice. <i>Journal of Neuroscience</i> , 1999, 19, RC10-RC10.	1.7	116
20	The role of mitochondrial DNA mutation on neurodegenerative diseases. <i>Experimental and Molecular Medicine</i> , 2015, 47, e150-e150.	3.2	114
21	$\text{A}\beta^{253K}$ -induced degradation of BMAL1 and CBP leads to circadian rhythm disruption in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2015, 10, 13.	4.4	108
22	Brain somatic mutations observed in Alzheimer's disease associated with aging and dysregulation of tau phosphorylation. <i>Nature Communications</i> , 2019, 10, 3090.	5.8	103
23	IFN- γ -induced BACE1 expression is mediated by activation of JAK2 and ERK1/2 signaling pathways and direct binding of STAT1 to BACE1 promoter in astrocytes. <i>Glia</i> , 2007, 55, 253-262.	2.5	100
24	Insulin-degrading enzyme secretion from astrocytes is mediated by an autophagy-based unconventional secretory pathway in Alzheimer disease. <i>Autophagy</i> , 2016, 12, 784-800.	4.3	99
25	O-linked N -acetylglucosaminidase inhibitor attenuates $\text{A}\beta$ -amyloid plaque and rescues memory impairment. <i>Neurobiology of Aging</i> , 2013, 34, 275-285.	1.5	98
26	RAGE: The Beneficial and Deleterious Effects by Diverse Mechanisms of Actions. <i>Molecules and Cells</i> , 2011, 31, 91-98.	1.0	97
27	Impaired Hippocampal Neurogenesis and its Enhancement with Ghrelin in 5XFAD Mice. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 233-241.	1.2	94
28	Close Correlation of Monoamine Oxidase Activity with Progress of Alzheimer's Disease in Mice, Observed by <i>in Vivo</i> Two-Photon Imaging. <i>ACS Central Science</i> , 2016, 2, 967-975.	5.3	94
29	ERK1/2 is an endogenous negative regulator of the γ -secretase activity. <i>FASEB Journal</i> , 2006, 20, 157-159.	0.2	93
30	A logical network-based drug-screening platform for Alzheimer's disease representing pathological features of human brain organoids. <i>Nature Communications</i> , 2021, 12, 280.	5.8	88
31	Annexin A1 restores $\text{A}\beta^{42}$ -induced blood-brain barrier disruption through the inhibition of RhoA-ROCK signaling pathway. <i>Aging Cell</i> , 2017, 16, 149-161.	3.0	87
32	Accumulation of autophagosomes contributes to enhanced amyloidogenic APP processing under insulin-resistant conditions. <i>Autophagy</i> , 2012, 8, 1842-1844.	4.3	82
33	LRRK2 G2019S mutation attenuates microglial motility by inhibiting focal adhesion kinase. <i>Nature Communications</i> , 2015, 6, 8255.	5.8	79
34	Metformin Facilitates Amyloid- β Generation by β - and γ -Secretases via Autophagy Activation. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 1197-1208.	1.2	79
35	TREM2 promotes $\text{A}\beta$ phagocytosis by upregulating C/EBP β -dependent CD36 expression in microglia. <i>Scientific Reports</i> , 2017, 7, 11118.	1.6	79
36	Acetylation changes tau interactome to degrade tau in Alzheimer's disease animal and organoid models. <i>Aging Cell</i> , 2020, 19, e13081.	3.0	77

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37	UBR2 mediates transcriptional silencing during spermatogenesis via histone ubiquitination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1912-1917.	3.3	76
38	Human Serum Transthyretin Levels Correlate Inversely with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 77-84.	1.2	76
39	Korean Brain Aging Study for the Early Diagnosis and Prediction of Alzheimer's Disease: Methodology and Baseline Sample Characteristics. <i>Psychiatry Investigation</i> , 2017, 14, 851.	0.7	75
40	Mitochondrial ATP synthase activity is impaired by suppressed <i>O</i> -GlcNAcylation in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2015, 24, 6492-6504.	1.4	74
41	Neuroprotective effects of estrogen against beta-amyloid toxicity are mediated by estrogen receptors in cultured neuronal cells. <i>Neuroscience Letters</i> , 2001, 302, 58-62.	1.0	73
42	Disruption of blood-brain barrier in Alzheimer disease pathogenesis. <i>Tissue Barriers</i> , 2013, 1, e23993.	1.6	72
43	Nurr1 (NR4A2) regulates Alzheimer's disease-related pathogenesis and cognitive function in the 5XFAD mouse model. <i>Aging Cell</i> , 2019, 18, e12866.	3.0	72
44	Impaired Short-Term Plasticity in Mossy Fiber Synapses Caused by Mitochondrial Dysfunction of Dentate Granule Cells Is the Earliest Synaptic Deficit in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2012, 32, 5953-5963.	1.7	71
45	Intracellular amyloid beta alters the tight junction of retinal pigment epithelium in 5XFAD mice. <i>Neurobiology of Aging</i> , 2014, 35, 2013-2020.	1.5	71
46	Harnessing Intramolecular Rotation To Enhance Two-photon Imaging of A β Plaques through Minimizing Background Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5648-5652.	7.2	71
47	Altered APP Processing in Insulin-Resistant Conditions Is Mediated by Autophagosome Accumulation via the Inhibition of Mammalian Target of Rapamycin Pathway. <i>Diabetes</i> , 2012, 61, 3126-3138.	0.3	69
48	Induction of Neuronal Death by Microglial AGE-Albumin: Implications for Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e37917.	1.1	66
49	Furin is an endogenous regulator of β -secretase associated APP processing. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 654-659.	1.0	65
50	Estrogen blocks neurotoxic effects of β -amyloid (1-42) and induces neurite extension on B103 cells. <i>Neuroscience Letters</i> , 1997, 235, 101-104.	1.0	64
51	Structure-activity relationship study of asiatic acid derivatives against beta amyloid (A β)-induced neurotoxicity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 119-121.	1.0	64
52	Disrupted intracellular calcium regulates BACE1 gene expression via nuclear factor of activated T cells 1 (NFAT 1) signaling. <i>Aging Cell</i> , 2008, 7, 137-147.	3.0	64
53	Profiling proteins related to amyloid deposited brain of Tg2576 mice. <i>Proteomics</i> , 2004, 4, 3359-3368.	1.3	62
54	Molecular and functional signatures in a novel Alzheimer's disease mouse model assessed by quantitative proteomics. <i>Molecular Neurodegeneration</i> , 2018, 13, 2.	4.4	62

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55	Amyloid beta peptide directly inhibits PKC activation. <i>Molecular and Cellular Neurosciences</i> , 2004, 26, 222-231.	1.0	60
56	Amyloid β -interacting partners in Alzheimer's disease: From accomplices to possible therapeutic targets. <i>Progress in Neurobiology</i> , 2016, 137, 17-38.	2.8	60
57	Global changes of phospholipids identified by MALDI imaging mass spectrometry in a mouse model of Alzheimer's disease. <i>Journal of Lipid Research</i> , 2016, 57, 36-45.	2.0	59
58	Protein-Induced Pluripotent Stem Cells Ameliorate Cognitive Dysfunction and Reduce $A\beta$ Deposition in a Mouse Model of Alzheimer's Disease. <i>Stem Cells Translational Medicine</i> , 2017, 6, 293-305.	1.6	58
59	Deep proteome profiling of the hippocampus in the 5XFAD mouse model reveals biological process alterations and a novel biomarker of Alzheimer's disease. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-17.	3.2	56
60	Aminostyrylbenzofuran derivatives as potent inhibitors for $A\beta$ fibril formation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5591-5593.	1.0	55
61	Blockade of PKC μ Activation Attenuates Phorbol Ester-Induced Increase of β -Secretase-Derived Secreted Form of Amyloid Precursor Protein. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 782-787.	1.0	54
62	A two-photon fluorescent probe for amyloid- β plaques in living mice. <i>Chemical Communications</i> , 2013, 49, 1303.	2.2	54
63	Intracellular Amyloid- β Accumulation in Calcium-Binding Protein-Deficient Neurons Leads to Amyloid- β Plaque Formation in Animal Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 615-628.	1.2	53
64	Increased acetylation of Peroxiredoxin1 by HDAC6 inhibition leads to recovery of $A\beta$ -induced impaired axonal transport. <i>Molecular Neurodegeneration</i> , 2017, 12, 23.	4.4	52
65	Chemically treated plasma $A\beta$ is a potential blood-based biomarker for screening cerebral amyloid deposition. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 20.	3.0	50
66	A quadrupolar two-photon fluorescent probe for in vivo imaging of amyloid- β plaques. <i>Chemical Science</i> , 2016, 7, 4600-4606.	3.7	49
67	Neuroprotective Effects of Constituents of the Oriental Crude Drugs, <i>Rhodiola sacra</i> , <i>R. sachalinensis</i> and <i>Tokaku-joki-to</i> , against Beta-amyloid Toxicity, Oxidative Stress and Apoptosis.. <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 1101-1104.	0.6	47
68	Specific autophagy and ESCRT components participate in the unconventional secretion of CFTR. <i>Autophagy</i> , 2018, 14, 1761-1778.	4.3	46
69	MicroRNA-124 slows down the progression of Huntington's disease by promoting neurogenesis in the striatum. <i>Neural Regeneration Research</i> , 2015, 10, 786.	1.6	46
70	Variation in Effective Stimulus Patterns for Induction of Long-Term Potentiation Across Different Layers of Rat Entorhinal Cortex. <i>Journal of Neuroscience</i> , 2002, 22, RC214-RC214.	1.7	45
71	RNA-Seq Analysis of Frontal Cortex and Cerebellum from 5XFAD Mice at Early Stage of Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 793-808.	1.2	43
72	Astrocyte-Originated ATP Protects $A\beta$ -Induced Impairment of Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2012, 32, 3081-3087.	1.7	41

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73	HDAC6 Inhibitors Rescued the Defective Axonal Mitochondrial Movement in Motor Neurons Derived from the Induced Pluripotent Stem Cells of Peripheral Neuropathy Patients with <i>HSPB1</i> Mutation. <i>Stem Cells International</i> , 2016, 2016, 1-14.	1.2	40
74	Quantitative Proteomic Analysis of the Hippocampus in the 5XFAD Mouse Model at Early Stages of Alzheimer's Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2013, 36, 321-334.	1.2	39
75	FK506 Reduces Amyloid Plaque Burden and Induces MMP-9 in $A\beta$ PP/PS1 Double Transgenic Mice. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 97-105.	1.2	38
76	BACE1 (β -Secretase) Inhibitory Chromone Glycosides from <i>Aloe vera</i> and <i>Aloe nobilis</i> . <i>Planta Medica</i> , 2008, 74, 540-545.	0.7	37
77	Thrombospondin-1 prevents amyloid beta-mediated synaptic pathology in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 3214-3227.	1.5	37
78	Regulation of autophagic proteolysis by the N-recognin SQSTM1/p62 of the N-end rule pathway. <i>Autophagy</i> , 2018, 14, 359-361.	4.3	36
79	Autophagy-Mediated Secretory Pathway is Responsible for Both Normal and Pathological Tau in Neurons. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 667-680.	1.2	36
80	Role for PKC- μ in neuronal death induced by oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 789-794.	1.0	35
81	Correlation between orphan nuclear receptor Nurr1 expression and amyloid deposition in 5XFAD mice, an animal model of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2015, 132, 254-262.	2.1	34
82	Bis-styrylpyridine and bis-styrylbenzene derivatives as inhibitors for $A\beta$ fibril formation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 1466-1470.	1.0	33
83	Structure-activity relationship of human glutamyl cyclase inhibitors having an N-(5-methyl-1H-imidazol-1-yl)propyl thiourea template. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3821-3830.	1.4	33
84	Induction of pro-apoptotic calsenilin/DREAM/KChIP3 in Alzheimer's disease and cultured neurons after amyloid- β exposure. <i>Journal of Neurochemistry</i> , 2004, 88, 1570-1570.	2.1	31
85	Expression of human β -amyloid peptide in transgenic potato. <i>Plant Science</i> , 2003, 165, 1445-1451.	1.7	30
86	Transgenic potato expressing $A\beta$ reduce $A\beta$ burden in Alzheimer's disease mouse model. <i>FEBS Letters</i> , 2005, 579, 6737-6744.	1.3	29
87	$A\beta$ -induced Ca^{2+} influx regulates astrocytic BACE1 expression via calcineurin/NFAT4 signals. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 649-655.	1.0	29
88	Blood acetylcholinesterase level is a potential biomarker for the early detection of cerebral amyloid deposition in cognitively normal individuals. <i>Neurobiology of Aging</i> , 2019, 73, 21-29.	1.5	29
89	Relationship among Discharges of Neighboring Neurons in the Rat Prefrontal Cortex During Spatial Working Memory Tasks. <i>Journal of Neuroscience</i> , 2000, 20, 6166-6172.	1.7	28
90	Negative Regulation of the Sapk/Jnk Signaling Pathway by Presenilin 1. <i>Journal of Cell Biology</i> , 2001, 153, 457-464.	2.3	28

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91	Contribution of presenilin/ β -secretase to calsenilin-mediated apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 62-66.	1.0	27
92	Mitochondrial dysfunction and calcium deregulation by the RanBP9 β -cofilin pathway. <i>FASEB Journal</i> , 2013, 27, 4776-4789.	0.2	27
93	Both Targeted Mass Spectrometry and Flow Sorting Analysis Methods Detected the Decreased Serum Apolipoprotein E Level in Alzheimer's Disease Patients. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 407-419.	2.5	27
94	Effect of Ischemic Neuronal Insults on Amyloid Precursor Protein Processing. <i>Neurochemical Research</i> , 2006, 31, 821-827.	1.6	26
95	Gami-Chunghyuldan ameliorates memory impairment and neurodegeneration induced by intrahippocampal A β 1-42 oligomer injection. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 306-314.	1.0	26
96	Discovery of benzimidazole derivatives as modulators of mitochondrial function: A potential treatment for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 1172-1192.	2.6	26
97	Cholinergic modulation of synaptic physiology in deep layer entorhinal cortex of the rat. <i>Journal of Neuroscience Research</i> , 2001, 66, 117-121.	1.3	25
98	Rac1 changes the substrate specificity of β -secretase between amyloid precursor protein and Notch1. <i>Biochemical and Biophysical Research Communications</i> , 2008, 372, 913-917.	1.0	25
99	Amyloid β 2 activates NLRP3 inflammasomes by affecting microglial immunometabolism through the Syk \rightarrow AMPK pathway. <i>Aging Cell</i> , 2022, 21, e13623.	3.0	25
100	Constitutive JAK2/STAT1 activation regulates endogenous BACE1 expression in neurons. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 175-180.	1.0	24
101	PiB-PET Imaging-Based Serum Proteome Profiles Predict Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1563-1576.	1.2	24
102	Acetylcholine receptor clustering in C2 muscle cells requires chondroitin sulfate. <i>Journal of Neurobiology</i> , 1995, 28, 482-492.	3.7	23
103	Zinc Enhances Synthesis of Presenilin 1 in Mouse Primary Cortical Culture. <i>Biochemical and Biophysical Research Communications</i> , 2001, 285, 680-688.	1.0	23
104	Inhibition of Cholesterol Biosynthesis Reduces β -Secretase Activity and Amyloid- β Generation. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 1057-1068.	1.2	22
105	Intrahippocampal injection of a lentiviral vector expressing neurogranin enhances cognitive function in 5XFAD mice. <i>Experimental and Molecular Medicine</i> , 2018, 50, e461-e461.	3.2	22
106	Diverse Molecular Targets for Therapeutic Strategies in Alzheimer's Disease. <i>Journal of Korean Medical Science</i> , 2014, 29, 893.	1.1	21
107	A Relationship Between Alzheimer's Disease and Type 2 Diabetes Mellitus Through the Measurement of Serum Amyloid- β Autoantibodies. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 1371-1376.	1.2	20
108	A phosphomimetic mutant TDP-43 (S409/410E) induces Drosha instability and cytotoxicity in Neuro 2A cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 236-243.	1.0	20

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109	Visualization of Altered Hippocampal Connectivity in an Animal Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 7886-7899.	1.9	20
110	Thrombospondin-1 protects against A β -induced mitochondrial fragmentation and dysfunction in hippocampal cells. <i>Cell Death Discovery</i> , 2018, 4, 31.	2.0	20
111	Mimicry of Central-Peripheral Immunity in Alzheimer's Disease and Discovery of Neurodegenerative Roles in Neutrophil. <i>Frontiers in Immunology</i> , 2019, 10, 2231.	2.2	20
112	Prognostic plasma protein panel for A β deposition in the brain in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2019, 183, 101690.	2.8	20
113	White matter-associated microglia: New players in brain aging and neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2022, 75, 101574.	5.0	20
114	O-GlcNAcylation regulates hyperglycemia-induced GPX1 activation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 756-761.	1.0	19
115	The role of cell type-specific mitochondrial dysfunction in the pathogenesis of Alzheimer's disease. <i>BMB Reports</i> , 2019, 52, 679-688.	1.1	19
116	Contributions of Microglia to Structural Synaptic Plasticity. <i>Journal of Experimental Neuroscience</i> , 2013, 7, JEN.S11269.	2.3	18
117	O-GlcNAcylation regulates endoplasmic reticulum exit sites through Sec31A modification in conventional secretory pathway. <i>FASEB Journal</i> , 2018, 32, 4641-4657.	0.2	18
118	Amyloid β -induced elevation of O-GlcNAcylated c-Fos promotes neuronal cell death. <i>Aging Cell</i> , 2019, 18, e12872.	3.0	18
119	DMC (2,4-dihydroxy-6-methoxy-3,5-dimethylchalcone) improves glucose tolerance as a potent AMPK activator. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 533-542.	1.5	17
120	Hearing loss as a risk factor for cognitive impairment and loss of synapses in the hippocampus. <i>Behavioural Brain Research</i> , 2019, 372, 112069.	1.2	17
121	Harnessing Intramolecular Rotation To Enhance Two-photon Imaging of A β Plaques through Minimizing Background Fluorescence. <i>Angewandte Chemie</i> , 2019, 131, 5704-5708.	1.6	17
122	Cytosolic amyloid- β peptide 42 escaping from degradation induces cell death. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 471-477.	1.0	16
123	Amelioration of neurodegenerative diseases by cell death-induced cytoplasmic delivery of humanin. <i>Journal of Controlled Release</i> , 2013, 166, 307-315.	4.8	16
124	Synapsin-1 and tau reciprocal O-GlcNAcylation and phosphorylation sites in mouse brain synaptosomes. <i>Experimental and Molecular Medicine</i> , 2013, 45, e29-e29.	3.2	16
125	Accumulation of Phosphorylated β -Catenin Enhances ROS-Induced Cell Death in Presenilin-Deficient Cells. <i>PLoS ONE</i> , 2009, 4, e4172.	1.1	15
126	Amyloid precursor protein processing is separately regulated by protein kinase C and tyrosine kinase in human astrocytes. <i>Neuroscience Letters</i> , 2002, 324, 185-188.	1.0	14

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127	Low Serum Phosphorus Correlates with Cerebral A β Deposition in Cognitively Impaired Subjects: Results from the KBASE Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 362.	1.7	14
128	Induction of homosynaptic long-term depression in entorhinal cortex. <i>Brain Research</i> , 2002, 954, 308-310.	1.1	13
129	Reduced serum level of antibodies against amyloid β peptide is associated with aging in Tg2576 mice. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 800-804.	1.0	13
130	miR-351-5p/Miro2 axis contributes to hippocampal neural progenitor cell death via unbalanced mitochondrial fission. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 643-656.	2.3	13
131	Amyloid Beta-Mediated Epigenetic Alteration of Insulin-Like Growth Factor Binding Protein 3 Controls Cell Survival in Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e99047.	1.1	13
132	Inhibition of Glutaminyl Cyclase Ameliorates Amyloid Pathology in an Animal Model of Alzheimer's Disease via the Modulation of β -Secretase Activity. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 797-807.	1.2	12
133	Amyloid precursor protein activates phosphotyrosine signaling pathway. <i>Neuroscience Letters</i> , 1997, 235, 1-4.	1.0	11
134	Haloperidol and clozapine increase neural activity in the rat prefrontal cortex. <i>Neuroscience Letters</i> , 2001, 298, 217-221.	1.0	11
135	Branched Diacylglycerol-Lactones as Potent Protein Kinase C Ligands and β -Secretase Activators. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2028-2036.	2.9	11
136	Upregulation of amyloid precursor protein by platelet-derived growth factor in hippocampal precursor cells. <i>NeuroReport</i> , 2007, 18, 1225-1229.	0.6	9
137	Modulation of mitochondrial function by stem cell-derived cellular components. <i>Biochemical and Biophysical Research Communications</i> , 2014, 448, 403-408.	1.0	9
138	Amyloid beta regulates ER exit sites formation through O-GlcNAcylation triggered by disrupted calcium homeostasis. <i>Biology of the Cell</i> , 2020, 112, 439-451.	0.7	9
139	Gut Microbiota as a Hidden Player in the Pathogenesis of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 1501-1526.	1.2	9
140	Presenilin 1 mediates protein kinase C dependent β -secretase derived amyloid precursor protein secretion and mitogen-activated protein kinase activation in presenilin 1 transfected human embryonic kidney 293 cell. <i>Neuroscience Letters</i> , 1999, 269, 99-102.	1.0	8
141	Knock-down of protein L-isoaspartyl O-methyltransferase increases β -amyloid production by decreasing ADAM10 and ADAM17 levels. <i>Acta Pharmacologica Sinica</i> , 2011, 32, 288-294.	2.8	7
142	Cytosolic Extract of Human Adipose Stem Cells Reverses the Amyloid Beta-Induced Mitochondrial Apoptosis via P53/Foxo3a Pathway. <i>PLoS ONE</i> , 2017, 12, e0168859.	1.1	7
143	Neurotoxicity of phenylalanine on human iPSC-derived cerebral organoids. <i>Molecular Genetics and Metabolism</i> , 2022, 136, 132-144.	0.5	7
144	New Microglia on the Block. <i>Cell Metabolism</i> , 2020, 31, 664-666.	7.2	6

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145	Performance of the QPLEX [®] Alz plus assay, a novel multiplex kit for screening cerebral amyloid deposition. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 12.	3.0	6
146	Acetylcholine receptor clustering associates with proteoglycan biosynthesis in C2 variant and heterokaryon muscle cells. <i>Journal of Neurobiology</i> , 1996, 31, 210-218.	3.7	5
147	Is Understanding the Biological Function of APP Important in Understanding Alzheimer's Disease?*. <i>Journal of Alzheimer's Disease</i> , 1999, 1, 287-295.	1.2	5
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