

Inhee Mook-Jung

List of Publications by Year in descending order

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Version: 2024-02-01

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	Application of QPLEXTM biomarkers in cognitively normal individuals across a broad age range and diverse regions with cerebral amyloid deposition. <i>Experimental and Molecular Medicine</i> , 2022, 54, 61-71.	3.2	2
2	White matter-associated microglia: New players in brain aging and neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2022, 75, 101574.	5.0	20
3	Conformation-specific Antibodies Targeting Aggregated Forms of β -synuclein Block the Propagation of Synucleinopathy. <i>Experimental Neurobiology</i> , 2022, 31, 29-41.	0.7	4
4	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
5	Amyloid β 2 activates NLRP3 inflammasomes by affecting microglial immunometabolism through the Syk-AMPK pathway. <i>Aging Cell</i> , 2022, 21, e13623.	3.0	25
6	Neurotoxicity of phenylalanine on human iPSC-derived cerebral organoids. <i>Molecular Genetics and Metabolism</i> , 2022, 136, 132-144.	0.5	7
7	Gut Microbiota as a Hidden Player in the Pathogenesis of Alzheimer's Disease. <i>Advances in Alzheimer's Disease</i> , 2022, , .	0.2	0
8	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
9	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
10	The clinical use of blood-test factors for Alzheimer's disease: improving the prediction of cerebral amyloid deposition by the QPLEXTM Alz plus assay kit. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1046-1054.	3.2	5
11	Plexin-A4 mediates amyloid β -induced tau pathology in Alzheimer's disease animal model. <i>Progress in Neurobiology</i> , 2021, 203, 102075.	2.8	5
12	Performance of the QPLEX α , ϕ 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
13	A network-based drug-screening platform for Alzheimer's disease by integrating mathematical modeling and pathological features of human brain organoids. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
14	Transfer of a healthy microbiota reduces amyloid and tau pathology in an Alzheimer's disease animal model. <i>Gut</i> , 2020, 69, 283-294.	6.1	336
15	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
16	Amyloid beta regulates ER exit sites formation through O β -GlcNAcylation triggered by disrupted calcium homeostasis. <i>Biology of the Cell</i> , 2020, 112, 439-451.	0.7	9
17	New Microglia on the Block. <i>Cell Metabolism</i> , 2020, 31, 664-666.	7.2	6
18	Peripheral inflammatory biomarkers in Alzheimer's disease: a brief review. <i>BMB Reports</i> , 2020, 53, 10-19.	1.1	119

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19	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
20	A Breakdown in Metabolic Reprogramming Causes Microglia Dysfunction in Alzheimer's Disease. <i>Cell Metabolism</i> , 2019, 30, 493-507.e6.	7.2	374
21	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
22	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
23	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
24	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
25	Plasma tau/amyloid- β 42 ratio predicts brain tau deposition and neurodegeneration in Alzheimer's disease. <i>Brain</i> , 2019, 142, 771-786.	3.7	117
26	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
27	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
28	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
29	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
30	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
31	Amyloid β -induced elevation of O-GlcNAcylated c-Fos promotes neuronal cell death. <i>Aging Cell</i> , 2019, 18, e12872.	3.0	18
32	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
33	Visualization of Altered Hippocampal Connectivity in an Animal Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 7886-7899.	1.9	20
34	Regulation of autophagic proteolysis by the N-recogin SQSTM1/p62 of the N-end rule pathway. <i>Autophagy</i> , 2018, 14, 359-361.	4.3	36
35	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
36	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

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37	SIRT3 deregulation is linked to mitochondrial dysfunction in Alzheimer's disease. <i>Aging Cell</i> , 2018, 17, e12679.	3.0	142
38	Specific autophagy and ESCRT components participate in the unconventional secretion of CFTR. <i>Autophagy</i> , 2018, 14, 1761-1778.	4.3	46
39	<i>O</i> GlcNAcylation regulates endoplasmic reticulum exit sites through <i>Sec31A</i> modification in conventional secretory pathway. <i>FASEB Journal</i> , 2018, 32, 4641-4657.	0.2	18
40	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
41	Increased acetylation of Peroxiredoxin1 by HDAC6 inhibition leads to recovery of A β -induced impaired axonal transport. <i>Molecular Neurodegeneration</i> , 2017, 12, 23.	4.4	52
42	TREM2 promotes A β phagocytosis by upregulating C/EBP β -dependent CD36 expression in microglia. <i>Scientific Reports</i> , 2017, 7, 11118.	1.6	79
43	Chemically treated plasma A β is a potential blood-based biomarker for screening cerebral amyloid deposition. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 20.	3.0	50
44	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
45	Protein-Induced Pluripotent Stem Cells Ameliorate Cognitive Dysfunction and Reduce A β Deposition in a Mouse Model of Alzheimer's Disease. <i>Stem Cells Translational Medicine</i> , 2017, 6, 293-305.	1.6	58
46	Annexin A1 restores A β -induced blood-brain barrier disruption through the inhibition of RhoA/ROCK signaling pathway. <i>Aging Cell</i> , 2017, 16, 149-161.	3.0	87
47	[P3 β]: CHEMICALLY TREATED PLASMA A β AND ACETYLCHOLINESTERASE LEVELS ARE POTENTIAL BIOMARKERS FOR PREDICTION OF PIB β PET POSITIVITY IN THE BRAIN. <i>Alzheimer's and Dementia</i> , 2017, 13, P1028.	0.4	0
48	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
49	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
50	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
51	PRAK mediates A β -RAGE driven autophagy pathway. <i>Oncotarget</i> , 2017, 8, 5648-5649.	0.8	1
52	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
53	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
54	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

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55	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
56	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
57	A quadrupolar two-photon fluorescent probe for <i>in vivo</i> imaging of amyloid- β^2 plaques. <i>Chemical Science</i> , 2016, 7, 4600-4606.	3.7	49
58	Microglia contributes to plaque growth by cell death due to uptake of amyloid β^2 in the brain of Alzheimer's disease mouse model. <i>Glia</i> , 2016, 64, 2274-2290.	2.5	147
59	Mitochondria-Targeting Ceria Nanoparticles as Antioxidants for Alzheimer's Disease. <i>ACS Nano</i> , 2016, 10, 2860-2870.	7.3	481
60	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
61	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
62	Amyloid β^2 -interacting partners in Alzheimer's disease: From accomplices to possible therapeutic targets. <i>Progress in Neurobiology</i> , 2016, 137, 17-38.	2.8	60
63	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
64	β^2 -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
65	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. <i>Journal of the American Chemical Society</i> , 2015, 137, 6781-6789.	6.6	181
66	The role of mitochondrial DNA mutation on neurodegenerative diseases. <i>Experimental and Molecular Medicine</i> , 2015, 47, e150-e150.	3.2	114
67	Special issue on neurodegenerative diseases and their therapeutic approaches. <i>Experimental and Molecular Medicine</i> , 2015, 47, e146-e146.	3.2	5
68	Thrombospondin-1 prevents amyloid beta-mediated synaptic pathology in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 3214-3227.	1.5	37
69	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
70	LRRK2 G2019S mutation attenuates microglial motility by inhibiting focal adhesion kinase. <i>Nature Communications</i> , 2015, 6, 8255.	5.8	79
71	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
72	Correlation between orphan nuclear receptor Nurr1 expression and amyloid deposition in <i>XFAD</i> mice, an animal model of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2015, 132, 254-262.	2.1	34

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73	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
74	Diverse Molecular Targets for Therapeutic Strategies in Alzheimer's Disease. <i>Journal of Korean Medical Science</i> , 2014, 29, 893.	1.1	21
75	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
76	Migration of neutrophils targeting amyloid plaques in Alzheimer's disease mouse model. <i>Neurobiology of Aging</i> , 2014, 35, 1286-1292.	1.5	146
77	Modulation of mitochondrial function by stem cell-derived cellular components. <i>Biochemical and Biophysical Research Communications</i> , 2014, 448, 403-408.	1.0	9
78	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
79	Adenylyl Cyclase-Associated Protein 1 Is a Receptor for Human Resistin and Mediates Inflammatory Actions of Human Monocytes. <i>Cell Metabolism</i> , 2014, 19, 484-497.	7.2	213
80	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
81	Inhibition of Glutamyl 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
82	Phosphokinase Antibody Arrays on Dendron-Coated Surface. <i>PLoS ONE</i> , 2014, 9, e96456.	1.1	5
83	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
84	Mitochondrial dysfunction and calcium deregulation by the RanBP9-cofilin pathway. <i>FASEB Journal</i> , 2013, 27, 4776-4789.	0.2	27
85	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
86	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
87	O-linked β -N-acetylglucosaminidase inhibitor attenuates β -amyloid plaque and rescues memory impairment. <i>Neurobiology of Aging</i> , 2013, 34, 275-285.	1.5	98
88	A two-photon fluorescent probe for amyloid- β plaques in living mice. <i>Chemical Communications</i> , 2013, 49, 1303.	2.2	54
89	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
90	Disruption of blood-brain barrier in Alzheimer disease pathogenesis. <i>Tissue Barriers</i> , 2013, 1, e23993.	1.6	72

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91	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
92	Contributions of Microglia to Structural Synaptic Plasticity. <i>Journal of Experimental Neuroscience</i> , 2013, 7, JEN.S11269.	2.3	18
93	Diverse Functions of β -secretase: Releasing Signaling Fragments and Deleterious Molecules. <i>Current Enzyme Inhibition</i> , 2013, 9, 15-27.	0.3	0
94	SORL1 Is Genetically Associated with Late-Onset Alzheimer's Disease in Japanese, Koreans and Caucasians. <i>PLoS ONE</i> , 2013, 8, e58618.	1.1	149
95	Astrocyte-Originated ATP Protects $\text{A}\beta_{1-42}$ -Induced Impairment of Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2012, 32, 3081-3087.	1.7	41
96	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
97	Accumulation of autophagosomes contributes to enhanced amyloidogenic APP processing under insulin-resistant conditions. <i>Autophagy</i> , 2012, 8, 1842-1844.	4.3	82
98	$\text{A}\beta_{1-42}$ -RAGE Interaction Disrupts Tight Junctions of the Blood-Brain Barrier Via Ca^{2+} -Calcineurin Signaling. <i>Journal of Neuroscience</i> , 2012, 32, 8845-8854.	1.7	215
99	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
100	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
101	$\text{A}\beta_{1-42}$ -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
102	Mitochondria-Specific Accumulation of Amyloid β Induces Mitochondrial Dysfunction Leading to Apoptotic Cell Death. <i>PLoS ONE</i> , 2012, 7, e34929.	1.1	197
103	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
104	Induction of Neuronal Death by Microglial AGE-Albumin: Implications for Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e37917.	1.1	66
105	Pyridyl-urea Derivatives as Blockers of $\text{A}\beta_{1-42}$ -induced mPTP Opening for Alzheimer's Disease. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 3887-3888.	1.0	3
106	Human Serum Transthyretin Levels Correlate Inversely with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 77-84.	1.2	76
107	Gami-Chunghyuldan ameliorates memory impairment and neurodegeneration induced by intrahippocampal $\text{A}\beta_{1-42}$ oligomer injection. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 306-314.	1.0	26
108	Ghrelin Ameliorates Cognitive Dysfunction and Neurodegeneration in Intrahippocampal Amyloid- β_{1-42} Oligomer-Injected Mice. <i>Journal of Alzheimer's Disease</i> , 2011, 23, 147-159.	1.2	121

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109	Knock-down of protein L-isoaspartyl O-methyltransferase increases β^2 -amyloid production by decreasing ADAM10 and ADAM17 levels. <i>Acta Pharmacologica Sinica</i> , 2011, 32, 288-294.	2.8	7
110	RAGE: The Beneficial and Deleterious Effects by Diverse Mechanisms of Actions. <i>Molecules and Cells</i> , 2011, 31, 91-98.	1.0	97
111	A Relationship Between Alzheimer's Disease and Type 2 Diabetes Mellitus Through the Measurement of Serum Amyloid- β^2 Autoantibodies. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 1371-1376.	1.2	20
112	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
113	O-GlcNAcylation regulates hyperglycemia-induced GPX1 activation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 756-761.	1.0	19
114	FK506 Reduces Amyloid Plaque Burden and Induces MMP-9 in $A\beta^{2PP/PS1}$ Double Transgenic Mice. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 97-105.	1.2	38
115	Constitutive JAK2/STAT1 activation regulates endogenous BACE1 expression in neurons. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 175-180.	1.0	24
116	^{18}F -Labeled benzylideneaniline derivatives as new ligands for β^2 -amyloid plaque imaging in Alzheimer's disease. <i>Nuclear Medicine and Biology</i> , 2009, 36, 107-116.	0.3	5
117	Accumulation of Phosphorylated β^2 -Catenin Enhances ROS-Induced Cell Death in Presenilin-Deficient Cells. <i>PLoS ONE</i> , 2009, 4, e4172.	1.1	15
118	Aminostyrylbenzofuran derivatives as potent inhibitors for $A\beta^2$ fibril formation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5591-5593.	1.0	55
119	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
120	Rac1 changes the substrate specificity of β^3 -secretase between amyloid precursor protein and Notch1. <i>Biochemical and Biophysical Research Communications</i> , 2008, 372, 913-917.	1.0	25
121	BACE1 (β^2 -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
122	Upregulation of amyloid precursor protein by platelet-derived growth factor in hippocampal precursor cells. <i>NeuroReport</i> , 2007, 18, 1225-1229.	0.6	9
123	Reduced serum level of antibodies against amyloid β^2 peptide is associated with aging in Tg2576 mice. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 800-804.	1.0	13
124	IFN- β^3 -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
125	Bis-styrylpyridine and bis-styrylbenzene derivatives as inhibitors for $A\beta^2$ fibril formation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 1466-1470.	1.0	33
126	Branched Diacylglycerol-Lactones as Potent Protein Kinase C Ligands and β^2 -Secretase Activators. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2028-2036.	2.9	11

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127	Cytosolic amyloid- β^2 peptide 42 escaping from degradation induces cell death. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 471-477.	1.0	16
128	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
129	Effect of Ischemic Neuronal Insults on Amyloid Precursor Protein Processing. <i>Neurochemical Research</i> , 2006, 31, 821-827.	1.6	26
130	ERK1/2 is an endogenous negative regulator of the β -secretase activity. <i>FASEB Journal</i> , 2006, 20, 157-159.	0.2	93
131	Amyloid peptide attenuates the proteasome activity in neuronal cells. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 1292-1299.	2.2	137
132	Transgenic potato expressing $A\beta^2$ reduce $A\beta^2$ burden in Alzheimer's disease mouse model. <i>FEBS Letters</i> , 2005, 579, 6737-6744.	1.3	29
133	Induction of pro-apoptotic calsenilin/DREAM/KChIP3 in Alzheimer's disease and cultured neurons after amyloid- β^2 exposure. <i>Journal of Neurochemistry</i> , 2004, 88, 1570-1570.	2.1	31
134	Profiling proteins related to amyloid deposited brain of Tg2576 mice. <i>Proteomics</i> , 2004, 4, 3359-3368.	1.3	62
135	Role for PKC- β in neuronal death induced by oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 789-794.	1.0	35
136	Neuroprotective effect of genistein against beta amyloid-induced neurotoxicity. <i>Neurobiology of Disease</i> , 2004, 16, 21-28.	2.1	118
137	Amyloid beta peptide directly inhibits PKC activation. <i>Molecular and Cellular Neurosciences</i> , 2004, 26, 222-231.	1.0	60
138	Expression of human β^2 -amyloid peptide in transgenic potato. <i>Plant Science</i> , 2003, 165, 1445-1451.	1.7	30
139	Contribution of presenilin/ β^3 -secretase to calsenilin-mediated apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 62-66.	1.0	27
140	Lovastatin enhances $A\beta^2$ production and senile plaque deposition in female Tg2576 mice. <i>Neurobiology of Aging</i> , 2003, 24, 637-643.	1.5	131
141	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
142	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
143	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
144	Induction of homosynaptic long-term depression in entorhinal cortex. <i>Brain Research</i> , 2002, 954, 308-310.	1.1	13

#	ARTICLE	IF	CITATIONS
145	Blockade of PKC β 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
146	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
147	Haloperidol and clozapine increase neural activity in the rat prefrontal cortex. <i>Neuroscience Letters</i> , 2001, 298, 217-221.	1.0	11
148	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
149	Ginsenoside Rb1 and Rg1 improve spatial learning and increase hippocampal synaptophysin level in mice. <i>Journal of Neuroscience Research</i> , 2001, 63, 509-515.	1.3	127
150	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
151	Negative Regulation of the Sapk/Jnk Signaling Pathway by Presenilin 1. <i>Journal of Cell Biology</i> , 2001, 153, 457-464.	2.3	28
152	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
153	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
154	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
155	Histochemically Reactive Zinc in Plaques of the Swedish Mutant β -Amyloid Precursor Protein Transgenic Mice. <i>Journal of Neuroscience</i> , 1999, 19, RC10-RC10.	1.7	116
156	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
157	Amyloid precursor protein activates phosphotyrosine signaling pathway. <i>Neuroscience Letters</i> , 1997, 235, 1-4.	1.0	11
158	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
159	Acetylcholine receptor clustering associates with proteoglycan biosynthesis in C2 variant and heterkaryon muscle cells. <i>Journal of Neurobiology</i> , 1996, 31, 210-218.	3.7	5
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