

# Dong-Gyu Jo

## List of Publications by Year in descending order

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169  
papers

9,803  
citations

31902

53  
h-index

43802

91  
g-index

183  
all docs

183  
docs citations

183  
times ranked

14166  
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of ABCA8 decreases myelination by reducing oligodendrocyte precursor cells in mice. <i>Journal of Lipid Research</i> , 2022, 63, 100147.	2.0	2
2	The role of inflammasomes in vascular cognitive impairment. <i>Molecular Neurodegeneration</i> , 2022, 17, 4.	4.4	43
3	Targeting HIF-1 $\pm$ /NOTCH1 pathway eliminates CD44+ cancer stem-like cell phenotypes, malignancy, and resistance to therapy in head and neck squamous cell carcinoma. <i>Oncogene</i> , 2022, 41, 1352-1363.	2.6	15
4	Engineered small extracellular vesicles displaying ACE2 variants on the surface protect against SARS-CoV-2 infection. <i>Journal of Extracellular Vesicles</i> , 2022, 11, e12179.	5.5	24
5	Physiology and pharmacology of amyloid precursor protein. , 2022, 235, 108122.		33
6	Integrative epigenomic and transcriptomic analyses reveal metabolic switching by intermittent fasting in brain. <i>GeroScience</i> , 2022, 44, 2171-2194.	2.1	10
7	Stem Cell-Derived Extracellular Vesicle-Bearing Dermal Filler Ameliorates the Dermis Microenvironment by Supporting CD301b-Expressing Macrophages. <i>ACS Nano</i> , 2022, 16, 251-260.	7.3	7
8	AIM2 inflammasome mediates hallmark neuropathological alterations and cognitive impairment in a mouse model of vascular dementia. <i>Molecular Psychiatry</i> , 2021, 26, 4544-4560.	4.1	71
9	Neuronal Aquaporin 1 Inhibits Amyloidogenesis by Suppressing the Interaction Between Beta-Secretase and Amyloid Precursor Protein. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 23-31.	1.7	11
10	Engineering approaches for effective therapeutic applications based on extracellular vesicles. <i>Journal of Controlled Release</i> , 2021, 330, 15-30.	4.8	45
11	Cyclin Y, a novel actin-binding protein, regulates spine plasticity through the cofilin-actin pathway. <i>Progress in Neurobiology</i> , 2021, 198, 101915.	2.8	3
12	Length difference of multi-walled carbon nanotubes generates differential cytotoxic responses. <i>Journal of Applied Toxicology</i> , 2021, 41, 1414-1424.	1.4	5
13	Alzheimer's disease-causing presenilin-1 mutations have deleterious effects on mitochondrial function. <i>Theranostics</i> , 2021, 11, 8855-8873.	4.6	28
14	<i>O</i>-GlcNAcylation ameliorates the pathological manifestations of Alzheimer's disease by inhibiting necroptosis. <i>Science Advances</i> , 2021, 7, .	4.7	68
15	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
16	Bioorthogonally surface-edited extracellular vesicles based on metabolic glycoengineering for CD44-mediated targeting of inflammatory diseases. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12077.	5.5	30
17	Molecule-Resolved Visualization of Particulate Matter on Human Skin Using Multimodal Nonlinear Optical Imaging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5199.	1.8	6
18	Hippocampal transcriptome profiling reveals common disease pathways in chronic hypoperfusion and aging. <i>Aging</i> , 2021, 13, 14651-14674.	1.4	5

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19	Metabolically engineered stem cell-derived exosomes to regulate macrophage heterogeneity in rheumatoid arthritis. <i>Science Advances</i> , 2021, 7, .	4.7	100
20	Association of Gut Microbiome Dysbiosis with Neurodegeneration: Can Gut Microbe-Modifying Diet Prevent or Alleviate the Symptoms of Neurodegenerative Diseases?. <i>Life</i> , 2021, 11, 698.	1.1	11
21	Reactive oxygen species-responsive dendritic cell-derived exosomes for rheumatoid arthritis. <i>Acta Biomaterialia</i> , 2021, 128, 462-473.	4.1	45
22	Nrf2 induces Ucp1 expression in adipocytes in response to $\beta$ 3-AR stimulation and enhances oxygen consumption in high-fat diet-fed obese mice. <i>BMB Reports</i> , 2021, 54, 419-424.	1.1	13
23	Vitamin A-coupled stem cell-derived extracellular vesicles regulate the fibrotic cascade by targeting activated hepatic stellate cells in vivo. <i>Journal of Controlled Release</i> , 2021, 336, 285-295.	4.8	20
24	Inhibitor of DNA binding 2 (Id2) mediates microtubule polymerization in the brain by regulating $\beta$ 40 acetylation of $\beta$ -tubulin. <i>Cell Death Discovery</i> , 2021, 7, 257.	2.0	6
25	Extracellular vesicles from adipose tissue-derived stem cells alleviate osteoporosis through osteoprotegerin and <i>miR-21</i> . <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12152.	5.5	74
26	Loss of zinc-finger protein 212 leads to Purkinje cell death and locomotive abnormalities with phospholipase D3 downregulation. <i>Scientific Reports</i> , 2021, 11, 22745.	1.6	2
27	Aberrant role of pyruvate kinase M2 in the regulation of gamma-secretase and memory deficits in Alzheimer's disease. <i>Cell Reports</i> , 2021, 37, 110102.	2.9	19
28	Fermented ginseng extract, BST204, disturbs adipogenesis of mesenchymal stem cells through inhibition of S6 kinase 1 signaling. <i>Journal of Ginseng Research</i> , 2020, 44, 58-66.	3.0	15
29	O-GlcNAcylation as a Therapeutic Target for Alzheimer's Disease. <i>NeuroMolecular Medicine</i> , 2020, 22, 171-193.	1.8	32
30	Intermittent fasting increases adult hippocampal neurogenesis. <i>Brain and Behavior</i> , 2020, 10, e01444.	1.0	49
31	White matter and neurological disorders. <i>Archives of Pharmacal Research</i> , 2020, 43, 920-931.	2.7	21
32	SERP1 is an assembly regulator of $\beta$ 3-secretase in metabolic stress conditions. <i>Science Signaling</i> , 2020, 13, .	1.6	9
33	Small extracellular vesicles from human adipose-derived stem cells attenuate cartilage degeneration. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1735249.	5.5	162
34	Cell reprogramming using extracellular vesicles from differentiating stem cells into white/beige adipocytes. <i>Science Advances</i> , 2020, 6, eaay6721.	4.7	48
35	Human adipose stem cell-derived extracellular nanovesicles for treatment of chronic liver fibrosis. <i>Journal of Controlled Release</i> , 2020, 320, 328-336.	4.8	34
36	Site-specific impairment of perivascular adipose tissue on advanced atherosclerotic plaques using multimodal nonlinear optical imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17765-17774.	3.3	16

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37	Genome-Wide Transcriptome Analysis Reveals Intermittent Fasting-Induced Metabolic Rewiring in the Liver. <i>Dose-Response</i> , 2019, 17, 155932581987678.	0.7	16
38	Functional recovery in photo-damaged human dermal fibroblasts by human adipose-derived stem cell extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1565885.	5.5	63
39	NRF2/ARE pathway negatively regulates BACE1 expression and ameliorates cognitive deficits in mouse Alzheimer's models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12516-12523.	3.3	132
40	Down-regulated TMED10 in Alzheimer disease induces autophagy via ATG4B activation. <i>Autophagy</i> , 2019, 15, 1495-1505.	4.3	25
41	Cerebral transcriptome analysis reveals age-dependent progression of neuroinflammation in P301S mutant tau transgenic male mice. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 344-357.	2.0	9
42	Therapeutic Approaches to Alzheimer's Disease Through Modulation of NRF2. <i>NeuroMolecular Medicine</i> , 2019, 21, 1-11.	1.8	78
43	Cks1 regulates human hepatocellular carcinoma cell progression through osteopontin expression. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 275-281.	1.0	7
44	Clusterin contributes to early stage of Alzheimer's disease pathogenesis. <i>Brain Pathology</i> , 2019, 29, 217-231.	2.1	37
45	Dietary Restriction and Epigenetics: Part I. <i>Conditioning Medicine</i> , 2019, 2, 284-299.	1.3	9
46	Epigenetic Regulation by Dietary Restriction: Part II. <i>Conditioning Medicine</i> , 2019, 2, 300-310.	1.3	4
47	S6K1 controls epigenetic plasticity for the expression of pancreatic $\beta$ cell marker genes. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6674-6683.	1.2	7
48	Transcriptome analysis reveals intermittent fasting-induced genetic changes in ischemic stroke. <i>Human Molecular Genetics</i> , 2018, 27, 1497-1513.	1.4	34
49	Monitoring of early diagnosis of Alzheimer's disease using the cellular prion protein and poly(pyrrole-2-carboxylic acid) modified electrode. <i>Biosensors and Bioelectronics</i> , 2018, 113, 82-87.	5.3	37
50	Notch signaling and neuronal death in stroke. <i>Progress in Neurobiology</i> , 2018, 165-167, 103-116.	2.8	85
51	Evidence that NF- $\kappa$ B and MAPK Signaling Promotes NLRP Inflammasome Activation in Neurons Following Ischemic Stroke. <i>Molecular Neurobiology</i> , 2018, 55, 1082-1096.	1.9	245
52	Interplay between Notch and p53 promotes neuronal cell death in ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1781-1795.	2.4	37
53	Discovery of an Orally Bioavailable Benzofuran Analogue That Serves as a $\beta$ -Amyloid Aggregation Inhibitor for the Potential Treatment of Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 396-402.	2.9	30
54	P3 $\alpha$ 155: CELLULAR ACCUMULATION OF AMYLOID $\beta$ OLIGOMERS BY FC $\beta$ RIIB2 VARIANT IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P1127.	0.4	0

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55	Mulberry Fruit Extract Ameliorates Nonalcoholic Fatty Liver Disease (NAFLD) through Inhibition of Mitochondrial Oxidative Stress in Rats. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-9.	0.5	21
56	Atf3 induction is a therapeutic target for obesity and metabolic diseases. Biochemical and Biophysical Research Communications, 2018, 504, 903-908.	1.0	16
57	Inhibition of Notch1 induces population and suppressive activity of regulatory T cell in inflammatory arthritis. Theranostics, 2018, 8, 4795-4804.	4.6	22
58	Novel Hypoxia-Inducible Factor 1 $\alpha$ (HIF-1 $\alpha$ ) Inhibitors for Angiogenesis-Related Ocular Diseases: Discovery of a Novel Scaffold via Ring-Truncation Strategy. Journal of Medicinal Chemistry, 2018, 61, 9266-9286.	2.9	30
59	TOM1 Regulates Neuronal Accumulation of Amyloid- $\beta$ Oligomers by Fc $\gamma$ RIIb2 Variant in Alzheimer's Disease. Journal of Neuroscience, 2018, 38, 9001-9018.	1.7	21
60	Curcumin-based electrochemical sensor of amyloid- $\beta$ oligomer for the early detection of Alzheimer's disease. Sensors and Actuators B: Chemical, 2018, 273, 1593-1599.	4.0	46
61	Intracellular and Mitochondrial Reactive Oxygen Species Measurement in Primary Cultured Neurons. Bio-protocol, 2018, 8, e2871.	0.2	3
62	Intracellular and Mitochondrial Reactive Oxygen Species Measurement in Primary Cultured Neurons. Bio-protocol, 2018, 8, .	0.2	6
63	Inhibition of Drp1 Ameliorates Synaptic Depression, A $\beta$ Deposition, and Cognitive Impairment in an Alzheimer's Disease Model. Journal of Neuroscience, 2017, 37, 5099-5110.	1.7	176
64	Dextran sulfate nanoparticles as a theranostic nanomedicine for rheumatoid arthritis. Biomaterials, 2017, 131, 15-26.	5.7	128
65	PEGylated TRAIL ameliorates experimental inflammatory arthritis by regulation of Th17 cells and regulatory T cells. Journal of Controlled Release, 2017, 267, 163-171.	4.8	21
66	Modelling APOE $\epsilon$ 3/4 allele-associated sporadic Alzheimer's disease in an induced neuron. Brain, 2017, 140, 2193-2209.	3.7	21
67	Emerging Roles of Sirtuins in Ischemic Stroke. Translational Stroke Research, 2017, 8, 405-423.	2.3	31
68	Fc $\gamma$ RIIb-SHIP2 axis links A $\beta$ to tau pathology by disrupting phosphoinositide metabolism in Alzheimer's disease model. ELife, 2016, 5, .	2.8	36
69	Robust Therapeutic Efficacy of Matrix Metalloproteinase-2-Cleavable Fas-1-RGD Peptide Complex in Chronic Inflammatory Arthritis. PLoS ONE, 2016, 11, e0164102.	1.1	6
70	Systemic PEGylated TRAIL treatment ameliorates liver cirrhosis in rats by eliminating activated hepatic stellate cells. Hepatology, 2016, 64, 209-223.	3.6	59
71	P3-044: Mild Beta-Amyloid Preconditioning has a Neuroprotective Effect by Enhancing Cellular Tolerance VIA BDNF Pathway. Alzheimer's and Dementia, 2016, 12, P833.	0.4	0
72	P3-041: Drug Repositioning of XHC for Alzheimer's Disease: Bace1 Promoter Repressing Activity of XHC. , 2016, 12, P833-P833.		0

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73	P1161: Pro-Apoptotic Function of Pin1-Mediated Notch1 Activation in Ischemic Neuronal Death. <i>Alzheimer's and Dementia</i> , 2016, 12, P464.	0.4	0
74	P2130: The Interaction between Notch1 and Hif1A Promotes Ischemic Neuronal Death. <i>Alzheimer's and Dementia</i> , 2016, 12, P661.	0.4	0
75	P4024: Inhibition of Mitochondrial Fission Ameliorates the Pathogenesis of Alzheimer's Disease. <i>Alzheimer's and Dementia</i> , 2016, 12, P1024.	0.4	0
76	P4075: Role of Adiponectin in the Pathogenesis of Alzheimer's Disease. <i>Alzheimer's and Dementia</i> , 2016, 12, P1042.	0.4	0
77	P1086: The Drug TG Reducing Bace1 Expression Level and Preventing Cognitive Impairment in Alzheimer's Disease Mice. <i>Alzheimer's and Dementia</i> , 2016, 12, P434.	0.4	1
78	Phytochemicals in Ischemic Stroke. <i>NeuroMolecular Medicine</i> , 2016, 18, 283-305.	1.8	40
79	Cytotoxicity of lipid-soluble ginseng extracts is attenuated by plasma membrane redox enzyme NQO1 through maintaining redox homeostasis and delaying apoptosis in human neuroblastoma cells. <i>Archives of Pharmacal Research</i> , 2016, 39, 1339-1348.	2.7	9
80	Vanillin attenuates negative effects of ultraviolet A on the stemness of human adipose tissue-derived mesenchymal stem cells. <i>Food and Chemical Toxicology</i> , 2016, 96, 62-69.	1.8	6
81	Notch1 deficiency decreases hepatic lipid accumulation by induction of fatty acid oxidation. <i>Scientific Reports</i> , 2016, 6, 19377.	1.6	25
82	P3037: A Novel Compound from Antarctic Lichen Restores Cognition VIA Suppression of Inflammasome and Bace1 Expression in Alzheimer's Disease Mice. <i>Alzheimer's and Dementia</i> , 2016, 12, P831.	0.4	0
83	In situ diselenide-crosslinked polymeric micelles for ROS-mediated anticancer drug delivery. <i>Biomaterials</i> , 2016, 103, 56-66.	5.7	148
84	Recent developments in hyaluronic acid-based nanomedicine for targeted cancer treatment. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 239-252.	2.4	81
85	miR195a Inhibits Adipocyte Differentiation by Targeting the Preadipogenic Determinator <i>Zfp423</i> . <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2589-2597.	1.2	18
86	Emerging roles of the $\beta$ -secretase-notch axis in inflammation. , 2015, 147, 80-90.		24
87	Indomethacin preconditioning induces ischemic tolerance by modifying zinc availability in the brain. <i>Neurobiology of Disease</i> , 2015, 81, 186-195.	2.1	7
88	Bioreducible Shell-Cross-Linked Hyaluronic Acid Nanoparticles for Tumor-Targeted Drug Delivery. <i>Biomacromolecules</i> , 2015, 16, 447-456.	2.6	114
89	<i>p</i> in1 promotes neuronal death in stroke by stabilizing <i>N</i> otch intracellular domain. <i>Annals of Neurology</i> , 2015, 77, 504-516.	2.8	58
90	Notch1 targeting siRNA delivery nanoparticles for rheumatoid arthritis therapy. <i>Journal of Controlled Release</i> , 2015, 216, 140-148.	4.8	88

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91	Inhibition of Notch signalling ameliorates experimental inflammatory arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 267-274.	0.5	73
92	Autophagy Regulates Formation of Primary Cilia in Mefloquine-Treated Cells. <i>Biomolecules and Therapeutics</i> , 2015, 23, 327-332.	1.1	17
93	OCIAD2 activates $\beta$ -secretase to enhance amyloid $\beta$ production by interacting with nicastrin. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2561-2576.	2.4	22
94	Hypoxia-responsive polymeric nanoparticles for tumor-targeted drug delivery. <i>Biomaterials</i> , 2014, 35, 1735-1743.	5.7	296
95	Intermittent fasting attenuates inflammasome activity in ischemic stroke. <i>Experimental Neurology</i> , 2014, 257, 114-119.	2.0	112
96	Down-regulation of Mortalin Exacerbates $A\beta$ -mediated Mitochondrial Fragmentation and Dysfunction. <i>Journal of Biological Chemistry</i> , 2014, 289, 2195-2204.	1.6	58
97	Cucurbitacin B and cucurbitacin I suppress adipocyte differentiation through inhibition of STAT3 signaling. <i>Food and Chemical Toxicology</i> , 2014, 64, 217-224.	1.8	28
98	Neuropep-1 ameliorates learning and memory deficits in an Alzheimer's disease mouse model, increases brain-derived neurotrophic factor expression in the brain, and causes reduction of amyloid beta plaques. <i>Neurobiology of Aging</i> , 2014, 35, 990-1001.	1.5	39
99	$\beta$ -cyclodextrin-bearing glycol chitosan for long-acting formulation of an exenatide derivative. <i>Macromolecular Research</i> , 2014, 22, 816-819.	1.0	14
100	Adaptive Cellular Stress Pathways as Therapeutic Targets of Dietary Phytochemicals: Focus on the Nervous System. <i>Pharmacological Reviews</i> , 2014, 66, 815-868.	7.1	122
101	Hyaluronan nanoparticles bearing $\beta$ -secretase inhibitor: In vivo therapeutic effects on rheumatoid arthritis. <i>Journal of Controlled Release</i> , 2014, 192, 295-300.	4.8	85
102	TNF- $\alpha$ Gene Silencing Using Polymerized siRNA/Thiolated Glycol Chitosan Nanoparticles for Rheumatoid Arthritis. <i>Molecular Therapy</i> , 2014, 22, 397-408.	3.7	125
103	Evidence that neuronal Notch-1 promotes JNK/c-Jun activation and cell death following ischemic stress. <i>Brain Research</i> , 2014, 1586, 193-202.	1.1	39
104	Tissue plasminogen activator arrests Alzheimer's disease pathogenesis. <i>Neurobiology of Aging</i> , 2014, 35, 511-519.	1.5	40
105	Evidence that collaboration between HIF-1 $\alpha$ and Notch-1 promotes neuronal cell death in ischemic stroke. <i>Neurobiology of Disease</i> , 2014, 62, 286-295.	2.1	75
106	Polyplex-releasing microneedles for enhanced cutaneous delivery of DNA vaccine. <i>Journal of Controlled Release</i> , 2014, 179, 11-17.	4.8	83
107	A hyaluronic acid-methotrexate conjugate for targeted therapy of rheumatoid arthritis. <i>Chemical Communications</i> , 2014, 50, 7632.	2.2	109
108	Cancer Therapy Using Ultrahigh Hydrophobic Drug-Loaded Graphene Derivatives. <i>Scientific Reports</i> , 2014, 4, 6314.	1.6	108

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109	Suppression of Cpn10 Increases Mitochondrial Fission and Dysfunction in Neuroblastoma Cells. PLoS ONE, 2014, 9, e112130.	1.1	5
110	Self-assembled dextran sulphate nanoparticles for targeting rheumatoid arthritis. Chemical Communications, 2013, 49, 10349-10351.	2.2	57
111	Evidence for a detrimental role of TLR8 in ischemic stroke. Experimental Neurology, 2013, 250, 341-347.	2.0	27
112	Intravenous immunoglobulin suppresses NLRP1 and NLRP3 inflammasome-mediated neuronal death in ischemic stroke. Cell Death and Disease, 2013, 4, e790-e790.	2.7	331
113	Silk proteins stimulate osteoblast differentiation by suppressing the Notch signaling pathway in mesenchymal stem cells. Nutrition Research, 2013, 33, 162-170.	1.3	50
114	Mix to Validate: A Facile, Reversible PEGylation for Fast Screening of Potential Therapeutic Proteins Inâ€¦Vivo. Angewandte Chemie - International Edition, 2013, 52, 6880-6884.	7.2	25
115	Calsenilin Contributes to Neuronal Cell Death in Ischemic Stroke. Brain Pathology, 2013, 23, 402-412.	2.1	9
116	Evidence That the EphA2 Receptor Exacerbates Ischemic Brain Injury. PLoS ONE, 2013, 8, e53528.	1.1	46
117	Polysaccharide-Based Nanoparticles: A Versatile Platform for Drug Delivery and Biomedical Imaging. Current Medicinal Chemistry, 2012, 19, 3212-3229.	1.2	102
118	Thiolated Glycol Chitosan Bearing $\beta$ -Cyclodextrin for Sustained Delivery of PEGylated Human Growth Hormone. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 1995-2005.	1.9	5
119	Intravenous immunoglobulin protects neurons against amyloid betaâ€¦peptide toxicity and ischemic stroke by attenuating multiple cell death pathways. Journal of Neurochemistry, 2012, 122, 321-332.	2.1	40
120	Oxidative lipid modification of nicastrin enhances amyloidogenic $\beta$ -secretase activity in Alzheimerâ€™s disease. Aging Cell, 2012, 11, 559-568.	3.0	81
121	Molecular chaperone-like hyaluronic acid nanoparticles: Implications as the carrier for protein delivery systems. Macromolecular Research, 2012, 20, 1007-1010.	1.0	4
122	Secretases as therapeutic targets for Alzheimerâ€™s disease. Biochemical and Biophysical Research Communications, 2011, 404, 10-15.	1.0	22
123	Morin attenuates tau hyperphosphorylation by inhibiting GSK3 $\beta$ . Neurobiology of Disease, 2011, 44, 223-230.	2.1	87
124	Evidence that $\beta$ -Secretase-Mediated Notch Signaling Induces Neuronal Cell Death via the Nuclear Factor- $\kappa$ B-Bcl-2-Interacting Mediator of Cell Death Pathway in Ischemic Stroke. Molecular Pharmacology, 2011, 80, 23-31.	1.0	77
125	Genistein Mediates the Anti-Adipogenic Actions of <i>Sophora japonica</i> L. Extracts. Journal of Medicinal Food, 2011, 14, 360-368.	0.8	18
126	Notch Activation Enhances the Microglia-Mediated Inflammatory Response Associated With Focal Cerebral Ischemia. Stroke, 2011, 42, 2589-2594.	1.0	126



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127	Effects of chronic alcohol consumption on expression levels of APP and A $\beta$ -producing enzymes. <i>BMB Reports</i> , 2011, 44, 135-139.	1.1	24
128	Ionic complex systems based on hyaluronic acid and PEGylated TNF-related apoptosis-inducing ligand for treatment of rheumatoid arthritis. <i>Biomaterials</i> , 2010, 31, 9057-9064.	5.7	55
129	Evidence that adiponectin receptor 1 activation exacerbates ischemic neuronal death. <i>Experimental &amp; Translational Stroke Medicine</i> , 2010, 2, 15.	3.2	45
130	Effect of Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand on the Reduction of Joint Inflammation in Experimental Rheumatoid Arthritis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 858-865.	1.3	29
131	Improved Antitumor Activity and Tumor Targeting of NH <sub>2</sub> -Terminal $\beta$ -Specific PEGylated Tumor Necrosis Factor $\beta$ -Related Apoptosis-Inducing Ligand. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1719-1729.	1.9	65
132	Selenium attenuates A $\beta$ production and A $\beta$ -induced neuronal death. <i>Neuroscience Letters</i> , 2010, 469, 391-395.	1.0	47
133	Contribution of $\beta$ -secretase to calcium-mediated cell death. <i>Neuroscience Letters</i> , 2010, 469, 425-428.	1.0	10
134	Evidence that $\beta$ -secretase mediates oxidative stress-induced $\beta$ -secretase expression in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2010, 31, 917-925.	1.5	87
135	Alzheimer's disease and Notch signaling. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 1093-1097.	1.0	140
136	Oxidative stress activates a positive feedback between the $\beta$ - and $\gamma$ -secretase cleavages of the $\beta$ -amyloid precursor protein. <i>Journal of Neurochemistry</i> , 2008, 104, 683-695.	2.1	287
137	Toll-like receptor-4 mediates neuronal apoptosis induced by amyloid $\beta$ -peptide and the membrane lipid peroxidation product 4-hydroxynonenal. <i>Experimental Neurology</i> , 2008, 213, 114-121.	2.0	204
138	Numb Endocytic Adapter Proteins Regulate the Transport and Processing of the Amyloid Precursor Protein in an Isoform-dependent Manner. <i>Journal of Biological Chemistry</i> , 2008, 283, 25492-25502.	1.6	67
139	Protection of Cardiomyocytes from Ischemic/Hypoxic Cell Death via Drbp1 and pMe2GlyDH in Cardio-specific ARC Transgenic Mice. <i>Journal of Biological Chemistry</i> , 2008, 283, 30707-30714.	1.6	31
140	Characterization of subcellular localization and Ca <sup>2+</sup> modulation of calsenilin/DREAM/KChIP3. <i>NeuroReport</i> , 2008, 19, 1193-1197.	0.6	13
141	Intravenous immunoglobulin (IVIg) protects the brain against experimental stroke by preventing complement-mediated neuronal cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14104-14109.	3.3	177
142	Pancortin-2 Interacts with WAVE1 and Bcl-xL in a Mitochondria-Associated Protein Complex That Mediates Ischemic Neuronal Death. <i>Journal of Neuroscience</i> , 2007, 27, 1519-1528.	1.7	48
143	Pivotal role for neuronal Toll-like receptors in ischemic brain injury and functional deficits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13798-13803.	3.3	689
144	Defective DNA base excision repair in brain from individuals with Alzheimer's disease and amnesic mild cognitive impairment. <i>Nucleic Acids Research</i> , 2007, 35, 5545-5555.	6.5	253

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145	Neuronal vulnerability of CLN3 deletion to calcium-induced cytotoxicity is mediated by calsenilin. <i>Human Molecular Genetics</i> , 2007, 16, 317-326.	1.4	50
146	Involvement of Notch Signaling in Wound Healing. <i>PLoS ONE</i> , 2007, 2, e1167.	1.1	125
147	Neuroprotective actions of a histidine analogue in models of ischemic stroke. <i>Journal of Neurochemistry</i> , 2007, 101, 729-736.	2.1	62
148	Synthesis and Evaluation of Neuroprotective $\beta$ , $\gamma$ -Unsaturated Aldehyde Scavenger Histidyl-containing Analogs of Carnosine. , 2006, , 491-492.		0
149	Gamma secretase-mediated Notch signaling worsens brain damage and functional outcome in ischemic stroke. <i>Nature Medicine</i> , 2006, 12, 621-623.	15.2	229
150	Calorie restriction up-regulates the plasma membrane redox system in brain cells and suppresses oxidative stress during aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19908-19912.	3.3	243
151	Alzheimer peptides perturb lipid-regulating enzymes. <i>Nature Cell Biology</i> , 2005, 7, 1045-1047.	4.6	30
152	Homocysteic acid induces intraneuronal accumulation of neurotoxic $A\beta_{42}$ : Implications for the pathogenesis of Alzheimer's disease. <i>Journal of Neuroscience Research</i> , 2005, 80, 869-876.	1.3	71
153	Overexpression of calsenilin enhances $\beta$ -secretase activity. <i>Neuroscience Letters</i> , 2005, 378, 59-64.	1.0	43
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