

# Weihong Song

## List of Publications by Year in descending order

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165  
papers

9,530  
citations

50244

46  
h-index

45285

90  
g-index

175  
all docs

175  
docs citations

175  
times ranked

10918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deubiquitinating enzymes (DUBs): decipher underlying basis of neurodegenerative diseases. <i>Molecular Psychiatry</i> , 2022, 27, 259-268.	4.1	37
2	Do Systemic Infections Contribute to the Pathogenesis of Dementia?. <i>Neuroscience Bulletin</i> , 2022, 38, 331-333.	1.5	2
3	Neuronal ApoE4 stimulates C/EBP $\beta$ activation, promoting Alzheimer's disease pathology in a mouse model. <i>Progress in Neurobiology</i> , 2022, 209, 102212.	2.8	15
4	Brain-derived neurotrophic factor in Alzheimer's disease and its pharmaceutical potential. <i>Translational Neurodegeneration</i> , 2022, 11, 4.	3.6	117
5	Chronic Alcohol Exposure Alters Gene Expression and Neurodegeneration Pathways in the Brain of Adult Mice. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 315-331.	1.2	3
6	Crossing the "Birth Border" for Epigenetic Effects. <i>Biological Psychiatry</i> , 2022, 92, e21-e23.	0.7	5
7	USP25 inhibition ameliorates Alzheimer's pathology through the regulation of APP processing and A $\beta$ generation. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	21
8	The synapse as a treatment avenue for Alzheimer's Disease. <i>Molecular Psychiatry</i> , 2022, 27, 2940-2949.	4.1	48
9	Regulation of the Human IL-10RB Gene Expression by Sp8 and Sp9. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 1469-1485.	1.2	1
10	Blood cell-produced amyloid- $\beta$ induces cerebral Alzheimer-type pathologies and behavioral deficits. <i>Molecular Psychiatry</i> , 2021, 26, 5568-5577.	4.1	32
11	Degradation of FA reduces A $\beta$ neurotoxicity and Alzheimer-related phenotypes. <i>Molecular Psychiatry</i> , 2021, 26, 5578-5591.	4.1	23
12	First Demonstration of Double Dissociation between COMT-Met158 and COMT-Val158 Cognitive Performance When Stressed and When Calmer. <i>Cerebral Cortex</i> , 2021, 31, 1411-1426.	1.6	8
13	miR-204-3p/Nox4 Mediates Memory Deficits in a Mouse Model of Alzheimer's Disease. <i>Molecular Therapy</i> , 2021, 29, 396-408.	3.7	43
14	Regulator of calcineurin 1 is a novel RNA-binding protein to regulate neuronal apoptosis. <i>Molecular Psychiatry</i> , 2021, 26, 1361-1375.	4.1	25
15	Cell-type-specific memory consolidation driven by translational control. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 40.	7.1	6
16	Inhibition of cystathionine $\beta$ -synthase promotes apoptosis and reduces cell proliferation in chronic myeloid leukemia. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 52.	7.1	17
17	Depletion of acetate-producing bacteria from the gut microbiota facilitates cognitive impairment through the gut-brain neural mechanism in diabetic mice. <i>Microbiome</i> , 2021, 9, 145.	4.9	56
18	A presenilin-1 mutation causes Alzheimer disease without affecting Notch signaling. <i>Molecular Psychiatry</i> , 2020, 25, 603-613.	4.1	37

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19	A novel de novo nonsense mutation in <i>ZC4H2</i> causes Wieacker-Wolff Syndrome. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1100.	0.6	10
20	Mitochondria hyperactivity contributes to social behavioral impairments. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 126.	7.1	3
21	Capsaicin consumption reduces brain amyloid-beta generation and attenuates Alzheimer's disease-type pathology and cognitive deficits in APP/PS1 mice. <i>Translational Psychiatry</i> , 2020, 10, 230.	2.4	41
22	Trehalose Inhibits A $\beta$ Generation and Plaque Formation in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2020, 57, 3150-3157.	1.9	20
23	A Novel Compound YS-5-23 Exhibits Neuroprotective Effect by Reducing $\beta$ -Site Amyloid Precursor Protein Cleaving Enzyme 1's Expression and H <sub>2</sub> O <sub>2</sub> -Induced Cytotoxicity in SH-SY5Y Cells. <i>Neurochemical Research</i> , 2020, 45, 2113-2127.	1.6	2
24	TRPV1 activation alleviates cognitive and synaptic plasticity impairments through inhibiting AMPAR endocytosis in APP23/PS45 mouse model of Alzheimer's disease. <i>Aging Cell</i> , 2020, 19, e13113.	3.0	58
25	NLRP3 inflammasome as a novel therapeutic target for Alzheimer's disease. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 37.	7.1	61
26	The challenges of the COVID-19 pandemic: Approaches for the elderly and those with Alzheimer's disease. <i>MedComm</i> , 2020, 1, 69-73.	3.1	11
27	Identification of Alzheimer's disease-associated rare coding variants in the ECE2 gene. <i>JCI Insight</i> , 2020, 5, .	2.3	19
28	Assessing general cognitive and adaptive abilities in adults with Down syndrome: a systematic review. <i>Journal of Neurodevelopmental Disorders</i> , 2019, 11, 20.	1.5	26
29	Upregulation of MIF as a defense mechanism and a biomarker of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 54.	3.0	44
30	Exome sequencing in multiple sclerosis families identifies 12 candidate genes and nominates biological pathways for the genesis of disease. <i>PLoS Genetics</i> , 2019, 15, e1008180.	1.5	46
31	Regulation of global gene expression in brain by TMP21. <i>Molecular Brain</i> , 2019, 12, 39.	1.3	8
32	New insight into Alzheimer's disease: Light reverses A $\beta$ -obstructed interstitial fluid flow and ameliorates memory decline in APP/PS1 mice. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 671-684.	1.8	51
33	Transcriptional activation of USP16 gene expression by NF $\kappa$ B signaling. <i>Molecular Brain</i> , 2019, 12, 120.	1.3	6
34	MKP-1 reduces A $\beta$ generation and alleviates cognitive impairments in Alzheimer's disease models. <i>Signal Transduction and Targeted Therapy</i> , 2019, 4, 58.	7.1	62
35	Reduced SNAP25 Protein Fragmentation Contributes to SNARE Complex Dysregulation in Schizophrenia Postmortem Brain. <i>Neuroscience</i> , 2019, 420, 112-128.	1.1	9
36	Connexins and pannexins in Alzheimer's disease. <i>Neuroscience Letters</i> , 2019, 695, 100-105.	1.0	28

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37	BACE2, a conditional $\beta$ -secretase, contributes to Alzheimer's disease pathogenesis. JCI Insight, 2019, 4, .	2.3	59
38	A Novel Cell-based $\beta$ -secretase Enzymatic Assay for Alzheimer's Disease. Current Alzheimer Research, 2019, 16, 128-134.	0.7	0
39	Cleavage of potassium channel Kv2.1 by BACE2 reduces neuronal apoptosis. Molecular Psychiatry, 2018, 23, 1542-1554.	4.1	23
40	A Novel Alzheimer-Associated SNP in Tmp21 Increases Amyloidogenesis. Molecular Neurobiology, 2018, 55, 1862-1870.	1.9	15
41	Blood-derived amyloid- $\beta$ protein induces Alzheimer's disease pathologies. Molecular Psychiatry, 2018, 23, 1948-1956.	4.1	171
42	Traumatic Brain Injury Alters the Metabolism and Facilitates Alzheimer's Disease in a Murine Model. Molecular Neurobiology, 2018, 55, 4928-4939.	1.9	16
43	Ethanol Alters APP Processing and Aggravates Alzheimer-Associated Phenotypes. Molecular Neurobiology, 2018, 55, 5006-5018.	1.9	43
44	Alteration of the Retinoid Acid-CBP Signaling Pathway in Neural Crest Induction Contributes to Enteric Nervous System Disorder. Frontiers in Pediatrics, 2018, 6, 382.	0.9	8
45	Formaldehyde induces diabetes-associated cognitive impairments. FASEB Journal, 2018, 32, 3669-3679.	0.2	35
46	Physiological clearance of tau in the periphery and its therapeutic potential for tauopathies. Acta Neuropathologica, 2018, 136, 525-536.	3.9	33
47	Ketamine Modulates Zic5 Expression via the Notch Signaling Pathway in Neural Crest Induction. Frontiers in Molecular Neuroscience, 2018, 11, 9.	1.4	7
48	Memory Impairment Induced by Borna Disease Virus 1 Infection is Associated with Reduced H3K9 Acetylation. Cellular Physiology and Biochemistry, 2018, 49, 381-394.	1.1	18
49	The ProNGF/p75NTR pathway induces tau pathology and is a therapeutic target for FTLT-tau. Molecular Psychiatry, 2018, 23, 1813-1824.	4.1	37
50	Regulation of SET Gene Expression by NF $\kappa$ B. Molecular Neurobiology, 2017, 54, 4477-4485.	1.9	19
51	Estrogen receptor $\beta$ (ER $\beta$ ) status evaluation using RNAscope in situ hybridization: a reliable and complementary method for IHC in breast cancer tissues. Human Pathology, 2017, 61, 121-129.	1.1	19
52	Marginal vitamin A deficiency facilitates Alzheimer's pathogenesis. Acta Neuropathologica, 2017, 133, 967-982.	3.9	70
53	Islet amyloid polypeptide: Another key molecule in Alzheimer's pathogenesis?. Progress in Neurobiology, 2017, 153, 100-120.	2.8	64
54	Peritoneal dialysis reduces amyloid-beta plasma levels in humans and attenuates Alzheimer-associated phenotypes in an APP/PS1 mouse model. Acta Neuropathologica, 2017, 134, 207-220.	3.9	90

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55	BACE1 Cleavage Site Selection Critical for Amyloidogenesis and Alzheimer's Pathogenesis. <i>Journal of Neuroscience</i> , 2017, 37, 6915-6925.	1.7	81
56	Mild traumatic brain injury induces memory deficits with alteration of gene expression profile. <i>Scientific Reports</i> , 2017, 7, 10846.	1.6	21
57	Low-Frequency Repetitive Transcranial Magnetic Stimulation Ameliorates Cognitive Function and Synaptic Plasticity in APP23/PS45 Mouse Model of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 292.	1.7	36
58	Modifications and Trafficking of APP in the Pathogenesis of Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 294.	1.4	120
59	Nutritional Deficiency in Early Life Facilitates Aging-Associated Cognitive Decline. <i>Current Alzheimer Research</i> , 2017, 14, 841-849.	0.7	35
60	Editorial Note to: Nuclear Receptor NR1H3 in Familial Multiple Sclerosis. <i>Neuron</i> , 2016, 92, 331-332.	3.8	2
61	Safety and efficacy of valproic acid treatment in SCA3/MJD patients. <i>Parkinsonism and Related Disorders</i> , 2016, 26, 55-61.	1.1	56
62	Regulation of global gene expression and cell proliferation by APP. <i>Scientific Reports</i> , 2016, 6, 22460.	1.6	26
63	Epigenetic modification of PKMÎ¶ rescues aging-related cognitive impairment. <i>Scientific Reports</i> , 2016, 6, 22096.	1.6	19
64	Case-Control Studies Are Not Familial Studies. <i>Neuron</i> , 2016, 92, 339-341.	3.8	12
65	Nuclear Receptor NR1H3 in Familial Multiple Sclerosis. <i>Neuron</i> , 2016, 90, 948-954.	3.8	83
66	Regulation of LRRK2 promoter activity and gene expression by Sp1. <i>Molecular Brain</i> , 2016, 9, 33.	1.3	19
67	Sox2 functionally interacts with Î²APP, the Î²APP intracellular domain and ADAM10 at a transcriptional level in human cells. <i>Neuroscience</i> , 2016, 312, 153-164.	1.1	21
68	Association of Apolipoprotein E (ApoE) Polymorphism with Alzheimer's Disease in Chinese Population. <i>Current Alzheimer Research</i> , 2016, 13, 912-917.	0.7	15
69	Melatonin regulates the transcription of Î²APP-cleaving secretases mediated through melatonin receptors in human neuroblastoma SH-SY5Y cells. <i>Journal of Pineal Research</i> , 2015, 59, 308-320.	3.4	47
70	No Significant Effect of 7,8-Dihydroxyflavone on APP Processing and Alzheimer-Associated Phenotypes. <i>Current Alzheimer Research</i> , 2015, 12, 47-52.	0.7	17
71	Experimental study on absolute measurement of spherical surfaces with shift-rotation method based on Zernike polynomials. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
72	Long-term potentiation decay and memory loss are mediated by AMPAR endocytosis. <i>Journal of Clinical Investigation</i> , 2015, 125, 234-247.	3.9	138

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73	Microarray expression profiling of dysregulated long non-coding RNAs in triple-negative breast cancer. <i>Cancer Biology and Therapy</i> , 2015, 16, 856-865.	1.5	62
74	Absolute measurement of optical flats based on basic iterative methods. <i>Optics Express</i> , 2015, 23, 16305.	1.7	19
75	Physiological amyloid-beta clearance in the periphery and its therapeutic potential for Alzheimer's disease. <i>Acta Neuropathologica</i> , 2015, 130, 487-499.	3.9	180
76	Amyloid- $\beta$ precursor protein facilitates the regulator of calcineurin 1-mediated apoptosis by downregulating proteasome subunit $\beta$ type-5 and proteasome subunit $\beta$ type-7. <i>Neurobiology of Aging</i> , 2015, 36, 169-177.	1.5	41
77	Hypoxia Signaling Regulates Macrophage Migration Inhibitory Factor (MIF) Expression in Stroke. <i>Molecular Neurobiology</i> , 2015, 51, 155-167.	1.9	44
78	Upregulation of SET Expression by BACE1 and its Implications in Down Syndrome. <i>Molecular Neurobiology</i> , 2015, 51, 781-790.	1.9	6
79	RCAN1 Overexpression Exacerbates Calcium Overloading-Induced Neuronal Apoptosis. <i>PLoS ONE</i> , 2014, 9, e95471.	1.1	42
80	Transcriptional regulation of human <i>USP24</i> gene expression by NF- $\kappa$ B. <i>Journal of Neurochemistry</i> , 2014, 128, 818-828.	2.1	11
81	5-methyltetrahydrofolate rescues alcohol-induced neural crest cell migration abnormalities. <i>Molecular Brain</i> , 2014, 7, 67.	1.3	13
82	Upregulation of human PINK1 gene expression by NF $\kappa$ B signalling. <i>Molecular Brain</i> , 2014, 7, 57.	1.3	18
83	Aberrant Expression of RCAN1 in Alzheimer's Pathogenesis: A New Molecular Mechanism and a Novel Drug Target. <i>Molecular Neurobiology</i> , 2014, 50, 1085-1097.	1.9	35
84	Downregulation of MIF by NF $\kappa$ B under hypoxia accelerated neuronal loss during stroke. <i>FASEB Journal</i> , 2014, 28, 4394-4407.	0.2	43
85	Absolute interferometric shift-rotation method with pixel-level spatial frequency resolution. <i>Optics and Lasers in Engineering</i> , 2014, 54, 68-72.	2.0	4
86	Absolute calibration for Fizeau interferometer with the global optimized shift-rotation method. <i>Optics and Lasers in Engineering</i> , 2014, 54, 49-54.	2.0	11
87	P2-045: REGULATION OF RCAN1-MEDIATED NEURONAL APOPTOSIS APP. , 2014, 10, P486-P486.		0
88	Two novel DNA motifs are essential for BACE1 gene transcription. <i>Scientific Reports</i> , 2014, 4, 6864.	1.6	11
89	Overexpression of ubiquitin carboxyl-terminal hydrolase L1 (UCHL1) delays Alzheimer's progression in vivo. <i>Scientific Reports</i> , 2014, 4, 7298.	1.6	112
90	Oxidative Stress and Alzheimer's Disease. , 2014, , 2147-2174.		3

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91	Regulator of Calcineurin 1 Gene Transcription is Regulated by Nuclear Factor- $\kappa$ B. Current Alzheimer Research, 2014, 11, 156-164.	0.7	19
92	Expression of tmp21 in normal adult human tissues. International Journal of Clinical and Experimental Medicine, 2014, 7, 2976-83.	1.3	6
93	Molecular links between Alzheimer's disease and diabetes mellitus. Neuroscience, 2013, 250, 140-150.	1.1	173
94	Amyloid $\beta$ protein (A $\beta$ ) Glu11 is the major secretase site of site amyloid $\beta$ precursor protein's cleaving enzyme 1(BACE1), and shifting the cleavage site to A $\beta$ Asp1 contributes to Alzheimer pathogenesis. European Journal of Neuroscience, 2013, 37, 1962-1969.	1.2	68
95	Biological function of Presenilin and its role in AD pathogenesis. Translational Neurodegeneration, 2013, 2, 15.	3.6	68
96	BACE2 degradation mediated by the macroautophagy-lysosome pathway. European Journal of Neuroscience, 2013, 37, 1970-1977.	1.2	25
97	Absolute measurement of flats with the method of shift-rotation. Optical Review, 2013, 20, 374-377.	1.2	8
98	Semantic Analysis for Keywords Based User Segmentation from Internet Data. , 2013, , .		0
99	Regulation of RCAN1 translation and its role in oxidative stress-induced apoptosis. FASEB Journal, 2013, 27, 208-221.	0.2	72
100	Optimized absolute testing method of shift-rotation. Applied Optics, 2013, 52, 7028.	0.9	9
101	Absolute calibration of a spherical reference surface for a Fizeau interferometer with the shift-rotation method of iterative algorithm. Optical Engineering, 2013, 52, 033601.	0.5	9
102	Targeting nascent soluble A $\beta$ 42 for potential Alzheimer drug development. Journal of Neurochemistry, 2013, 125, 329-331.	2.1	2
103	Comparative analysis of absolute methods to test rotationally asymmetric surface deviation. Proceedings of SPIE, 2013, , .	0.8	0
104	The role of APP and BACE1 trafficking in APP processing and amyloid $\beta$ generation. Alzheimer's Research and Therapy, 2013, 5, 46.	3.0	117
105	High Glucose Promotes A $\beta$ Production by Inhibiting APP Degradation. PLoS ONE, 2013, 8, e69824.	1.1	64
106	Inhibition of GSK3 $\beta$ -mediated BACE1 expression reduces Alzheimer-associated phenotypes. Journal of Clinical Investigation, 2013, 123, 224-235.	3.9	327
107	Valproic Acid Attenuates Neuronal Loss in the Brain of APP/PS1 Double Transgenic Alzheimer's Disease Mice Model. Current Alzheimer Research, 2013, 10, 261-269.	0.7	41
108	Lys203 and Lys382 are Essential for the Proteasomal Degradation of BACE1. Current Alzheimer Research, 2012, 9, 606-615.	0.7	26

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109	Method to test rotationally asymmetric surface deviation with high accuracy. Applied Optics, 2012, 51, 5567.	0.9	22
110	Increased NF- $\kappa$ B signalling up-regulates BACE1 expression and its therapeutic potential in Alzheimer's disease. International Journal of Neuropsychopharmacology, 2012, 15, 77-90.	1.0	299
111	The Role of TMP21 in Trafficking and Amyloid- $\beta$ Precursor Protein (APP) Processing in Alzheimer's Disease. Current Alzheimer Research, 2012, 9, 411-424.	0.7	18
112	Experimental study on absolute test of spherical surfaces with shift-rotation method. , 2012, , .		0
113	Sp1 Regulates Human Huntingtin Gene Expression. Journal of Molecular Neuroscience, 2012, 47, 311-321.	1.1	19
114	Regulation of $\beta$ -site APP-cleaving enzyme 1 gene expression and its role in Alzheimer's Disease. Journal of Neurochemistry, 2012, 120, 62-70.	2.1	79
115	Control of BACE1 degradation and APP processing by ubiquitin carboxyl-terminal hydrolase L1. Journal of Neurochemistry, 2012, 120, 1129-1138.	2.1	72
116	Hypoxia regulation of ATP13A2 (PARK9) gene transcription. Journal of Neurochemistry, 2012, 122, 251-259.	2.1	27
117	Morris Water Maze Test for Learning and Memory Deficits in Alzheimer's Disease Model Mice. Journal of Visualized Experiments, 2011, , .	0.2	306
118	Detection of Neuritic Plaques in Alzheimer's Disease Mouse Model. Journal of Visualized Experiments, 2011, , .	0.2	49
119	NF- $\kappa$ B signaling inhibits ubiquitin carboxyl-terminal hydrolase L1 gene expression. Journal of Neurochemistry, 2011, 116, 1160-1170.	2.1	27
120	Loss of activated CaMKII at the synapse underlies Alzheimer's disease memory loss. Journal of Neurochemistry, 2011, 119, 673-675.	2.1	16
121	Do Buyouts (Still) Create Value?. Journal of Finance, 2011, 66, 479-517.	3.2	312
122	Transcriptional Regulation of TMP21 by NFAT. Molecular Neurodegeneration, 2011, 6, 21.	4.4	22
123	Regulator of Calcineurin 1 (RCAN1) Facilitates Neuronal Apoptosis through Caspase-3 Activation. Journal of Biological Chemistry, 2011, 286, 9049-9062.	1.6	102
124	Hybrid Reasoning for Ontology Classification. Lecture Notes in Computer Science, 2011, , 372-376.	1.0	1
125	BACE1 Gene Promoter Single-Nucleotide Polymorphisms in Alzheimer's Disease. Journal of Molecular Neuroscience, 2010, 42, 127-133.	1.1	14
126	Effect of Synthetic Cannabinoid HU210 on Memory Deficits and Neuropathology in Alzheimer's Disease Mouse Model. Current Alzheimer Research, 2010, 7, 255-261.	0.7	29



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127	Effects of rumen-protected tryptophan on growth performance, fibre characteristics, nutrient utilization and plasma essential amino acids in Cashmere goats during the cashmere slow growth period. <i>Livestock Science</i> , 2010, 131, 227-233.	0.6	10
128	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
129	Genomic and Molecular Characterization of Alzheimer Disease. <i>Current Psychiatry Reviews</i> , 2010, 6, 104-113.	0.9	1
130	Degradation of regulator of calcineurin 1 (RCAN1) is mediated by both chaperone-mediated autophagy and ubiquitin proteasome pathways. <i>FASEB Journal</i> , 2009, 23, 3383-3392.	0.2	116
131	Upregulation of Macrophage Migration Inhibitory Factor Gene Expression in Stroke. <i>Stroke</i> , 2009, 40, 973-976.	1.0	41
132	Preparation and Storage of Silver Nanoparticles in Aqueous Polymers. <i>Chinese Journal of Chemistry</i> , 2009, 27, 717-721.	2.6	16
133	Gossip-Based Workload Prediction and Process Model for Composite Workflow Service. , 2009, , .		3
134	SP1 regulates a human SNAP-25 gene expression. <i>Journal of Neurochemistry</i> , 2008, 105, 512-523.	2.1	23
135	TMP21 degradation is mediated by the ubiquitin-proteasome pathway. <i>European Journal of Neuroscience</i> , 2008, 28, 1980-1988.	1.2	36
136	Stock Splits as a Manipulation Tool: Evidence from Mergers and Acquisitions. <i>Financial Management</i> , 2008, 37, 695-712.	1.5	19
137	Preparation of PbS Nanoparticles by Phase-Transfer Method and Application to Pb <sup>2+</sup> -Selective Electrode Based on PVC Membrane. <i>Analytical Letters</i> , 2008, 41, 2844-2859.	1.0	36
138	Valproic acid inhibits $A\beta$ production, neuritic plaque formation, and behavioral deficits in Alzheimer's disease mouse models. <i>Journal of Experimental Medicine</i> , 2008, 205, 2781-2789.	4.2	321
139	Valproic acid inhibits Ab production, neuritic plaque formation, and behavioral deficits in Alzheimer's disease mouse models. <i>Journal of Cell Biology</i> , 2008, 183, i8-i8.	2.3	0
140	The cholesterol transporter ABCG1 modulates the subcellular distribution and proteolytic processing of $A\beta$ -amyloid precursor protein. <i>Journal of Lipid Research</i> , 2007, 48, 1022-1034.	2.0	48
141	Degradation of nicastrin involves both proteasome and lysosome. <i>Journal of Neurochemistry</i> , 2007, 101, 982-992.	2.1	39
142	Ubiquitin-proteasome pathway mediates degradation of APH-1. <i>Journal of Neurochemistry</i> , 2006, 99, 1403-1412.	2.1	34
143	Control of APP processing and $A\beta$ generation level by BACE1 enzymatic activity and transcription. <i>FASEB Journal</i> , 2006, 20, 285-292.	0.2	121
144	Increased BACE1 maturation contributes to the pathogenesis of Alzheimer's disease in Down syndrome. <i>FASEB Journal</i> , 2006, 20, 1361-1368.	0.2	58

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145	Leaky Scanning and Reinitiation Regulate BACE1 Gene Expression. <i>Molecular and Cellular Biology</i> , 2006, 26, 3353-3364.	1.1	76
146	Hypoxia facilitates Alzheimer's disease pathogenesis by up-regulating BACE1 gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18727-18732.	3.3	529
147	BACE2, as a novel APP $\beta$ -secretase, is not responsible for the pathogenesis of Alzheimer's disease in Down syndrome. <i>FASEB Journal</i> , 2006, 20, 1369-1376.	0.2	138
148	Distinct transcriptional regulation and function of the human BACE2 and BACE1 genes. <i>FASEB Journal</i> , 2005, 19, 739-749.	0.2	123
149	Transcriptional Regulation of BACE1, the $\beta$ -Amyloid Precursor Protein $\beta$ -Secretase, by Sp1. <i>Molecular and Cellular Biology</i> , 2004, 24, 865-874.	1.1	207
150	Degradation of BACE by the ubiquitin-proteasome pathway. <i>FASEB Journal</i> , 2004, 18, 1571-1573.	0.2	147
151	Mechanism of promoter activity of the beta-amyloid precursor protein gene in different cell lines: identification of a specific 30bp fragment in the proximal promoter region. <i>Journal of Neurochemistry</i> , 2004, 90, 1432-1444.	2.1	27
152	BACE1 Gene Expression and Protein Degradation. <i>Annals of the New York Academy of Sciences</i> , 2004, 1035, 49-67.	1.8	10
153	P1-270 Transcriptional regulation of DSCR1 gene. <i>Neurobiology of Aging</i> , 2004, 25, S173.	1.5	0
154	Dopamine-dependent neurotoxicity of $\alpha$ -synuclein: A mechanism for selective neurodegeneration in Parkinson disease. <i>Nature Medicine</i> , 2002, 8, 600-606.	15.2	682
155	Presenilins are required for $\beta$ -secretase cleavage of $\beta$ -APP and transmembrane cleavage of Notch-1. <i>Nature Cell Biology</i> , 2000, 2, 463-465.	4.6	398
156	Efficient DNA transfection in neuronal and astrocytic cell lines. <i>Molecular Biology Reports</i> , 2000, 27, 113-121.	1.0	22
157	Analysis of the 5'-flanking region of the $\beta$ -amyloid precursor protein gene that contributes to increased promoter activity in differentiated neuronal cells. <i>Molecular Brain Research</i> , 2000, 77, 185-198.	2.5	21
158	Proteolytic release and nuclear translocation of Notch-1 are induced by presenilin-1 and impaired by pathogenic presenilin-1 mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 6959-6963.	3.3	349
159	Isolation of the genomic clone of the rhesus monkey beta-amyloid precursor protein. <i>IUBMB Life</i> , 1998, 46, 755-764.	1.5	3
160	Molecular cloning of the promoter of the gene encoding the Rhesus monkey $\beta$ -amyloid precursor protein: structural characterization and a comparative study with other species. <i>Gene</i> , 1998, 217, 151-164.	1.0	36
161	Functional identification of the promoter of the gene encoding the Rhesus monkey $\beta$ -amyloid precursor protein. <i>Gene</i> , 1998, 217, 165-176.	1.0	45
162	Melatonin alters the metabolism of the $\beta$ -amyloid precursor protein in the neuroendocrine cell line PC12. <i>Journal of Molecular Neuroscience</i> , 1997, 9, 75-92.	1.1	77

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163	Efficient transfection of DNA by mixing cells in suspension with calcium phosphate. Nucleic Acids Research, 1995, 23, 3609-3611.	6.5	26
164	Presenilins and Notch Signaling Pathway. , 0, , 531-539.		0
165	Performance-Based Fire-Protection Partition Study of a Commercial Center Project. Advanced Materials Research, 0, 671-674, 3138-3141.	0.3	0