

Weihong Song

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Dopamine-dependent neurotoxicity of $\hat{1}\pm$ -synuclein: A mechanism for selective neurodegeneration in Parkinson disease. <i>Nature Medicine</i> , 2002, 8, 600-606. | 15.2 | 682 |
| 2 | 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 |
| 3 | Presenilins are required for $\hat{1}^3$ -secretase cleavage of $\hat{1}^2$ -APP and transmembrane cleavage of Notch-1. <i>Nature Cell Biology</i> , 2000, 2, 463-465. | 4.6 | 398 |
| 4 | 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 |
| 5 | Inhibition of GSK3 $\hat{1}^2$ -mediated BACE1 expression reduces Alzheimer-associated phenotypes. <i>Journal of Clinical Investigation</i> , 2013, 123, 224-235. | 3.9 | 327 |
| 6 | Valproic acid inhibits \hat{A}^2 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 |
| 7 | Do Buyouts (Still) Create Value?. <i>Journal of Finance</i> , 2011, 66, 479-517. | 3.2 | 312 |
| 8 | Morris Water Maze Test for Learning and Memory Deficits in Alzheimer's Disease Model Mice. <i>Journal of Visualized Experiments</i> , 2011, , . | 0.2 | 306 |
| 9 | Increased NF- $\hat{1}^B$ signalling up-regulates BACE1 expression and its therapeutic potential in Alzheimer's disease. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 77-90. | 1.0 | 299 |
| 10 | Transcriptional Regulation of BACE1, the $\hat{1}^2$ -Amyloid Precursor Protein $\hat{1}^2$ -Secretase, by Sp1. <i>Molecular and Cellular Biology</i> , 2004, 24, 865-874. | 1.1 | 207 |
| 11 | 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 |
| 12 | Molecular links between Alzheimer's disease and diabetes mellitus. <i>Neuroscience</i> , 2013, 250, 140-150. | 1.1 | 173 |
| 13 | Blood-derived amyloid- $\hat{1}^2$ protein induces Alzheimer's disease pathologies. <i>Molecular Psychiatry</i> , 2018, 23, 1948-1956. | 4.1 | 171 |
| 14 | Degradation of BACE by the ubiquitin-proteasome pathway. <i>FASEB Journal</i> , 2004, 18, 1571-1573. | 0.2 | 147 |
| 15 | BACE2, as a novel APP $\hat{1}^3$ -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 |
| 16 | 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 |
| 17 | Distinct transcriptional regulation and function of the human BACE2 and BACE1 genes. <i>FASEB Journal</i> , 2005, 19, 739-749. | 0.2 | 123 |
| 18 | Control of APP processing and \hat{A}^2 generation level by BACE1 enzymatic activity and transcription. <i>FASEB Journal</i> , 2006, 20, 285-292. | 0.2 | 121 |

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|----|---|-----|-----------|
| 19 | Modifications and Trafficking of APP in the Pathogenesis of Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 294. | 1.4 | 120 |
| 20 | The role of APP and BACE1 trafficking in APP processing and amyloid- β generation. <i>Alzheimer's Research and Therapy</i> , 2013, 5, 46. | 3.0 | 117 |
| 21 | Brain-derived neurotrophic factor in Alzheimer's disease and its pharmaceutical potential. <i>Translational Neurodegeneration</i> , 2022, 11, 4. | 3.6 | 117 |
| 22 | 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 |
| 23 | Overexpression of ubiquitin carboxyl-terminal hydrolase L1 (UCHL1) delays Alzheimer's progression in vivo. <i>Scientific Reports</i> , 2014, 4, 7298. | 1.6 | 112 |
| 24 | Regulator of Calcineurin 1 (RCAN1) Facilitates Neuronal Apoptosis through Caspase-3 Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 9049-9062. | 1.6 | 102 |
| 25 | Peritoneal dialysis reduces amyloid-beta plasma levels in humans and attenuates Alzheimer-associated phenotypes in an APP/PS1 mouse model. <i>Acta Neuropathologica</i> , 2017, 134, 207-220. | 3.9 | 90 |
| 26 | Evidence that β -secretase mediates oxidative stress-induced β -secretase expression in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2010, 31, 917-925. | 1.5 | 87 |
| 27 | Nuclear Receptor NR1H3 in Familial Multiple Sclerosis. <i>Neuron</i> , 2016, 90, 948-954. | 3.8 | 83 |
| 28 | BACE1 Cleavage Site Selection Critical for Amyloidogenesis and Alzheimer's Pathogenesis. <i>Journal of Neuroscience</i> , 2017, 37, 6915-6925. | 1.7 | 81 |
| 29 | Regulation of β -site APP-cleaving enzyme 1 gene expression and its role in Alzheimer's Disease. <i>Journal of Neurochemistry</i> , 2012, 120, 62-70. | 2.1 | 79 |
| 30 | Melatonin alters the metabolism of the β -amyloid precursor protein in the neuroendocrine cell line PC12. <i>Journal of Molecular Neuroscience</i> , 1997, 9, 75-92. | 1.1 | 77 |
| 31 | Leaky Scanning and Reinitiation Regulate BACE1 Gene Expression. <i>Molecular and Cellular Biology</i> , 2006, 26, 3353-3364. | 1.1 | 76 |
| 32 | Control of BACE1 degradation and APP processing by ubiquitin carboxyl-terminal hydrolase L1. <i>Journal of Neurochemistry</i> , 2012, 120, 1129-1138. | 2.1 | 72 |
| 33 | Regulation of RCAN1 translation and its role in oxidative stress-induced apoptosis. <i>FASEB Journal</i> , 2013, 27, 208-221. | 0.2 | 72 |
| 34 | Marginal vitamin A deficiency facilitates Alzheimer's pathogenesis. <i>Acta Neuropathologica</i> , 2017, 133, 967-982. | 3.9 | 70 |
| 35 | Amyloid- β protein ($A\beta$) Glu11 is the major β -secretase site of β -site amyloid- β precursor protein-cleaving enzyme 1 (BACE1), and shifting the cleavage site to $A\beta$ Asp1 contributes to Alzheimer pathogenesis. <i>European Journal of Neuroscience</i> , 2013, 37, 1962-1969. | 1.2 | 68 |
| 36 | Biological function of Presenilin and its role in AD pathogenesis. <i>Translational Neurodegeneration</i> , 2013, 2, 15. | 3.6 | 68 |

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|----|---|-----|-----------|
| 37 | High Glucose Promotes A β Production by Inhibiting APP Degradation. PLoS ONE, 2013, 8, e69824. | 1.1 | 64 |
| 38 | Islet amyloid polypeptide: Another key molecule in Alzheimer's pathogenesis?. Progress in Neurobiology, 2017, 153, 100-120. | 2.8 | 64 |
| 39 | Microarray expression profiling of dysregulated long non-coding RNAs in triple-negative breast cancer. Cancer Biology and Therapy, 2015, 16, 856-865. | 1.5 | 62 |
| 40 | MKP-1 reduces A β generation and alleviates cognitive impairments in Alzheimer's disease models. Signal Transduction and Targeted Therapy, 2019, 4, 58. | 7.1 | 62 |
| 41 | NLRP3 inflammasome as a novel therapeutic target for Alzheimer's disease. Signal Transduction and Targeted Therapy, 2020, 5, 37. | 7.1 | 61 |
| 42 | BACE2, a conditional β -secretase, contributes to Alzheimer's disease pathogenesis. JCI Insight, 2019, 4, . | 2.3 | 59 |
| 43 | Increased BACE1 maturation contributes to the pathogenesis of Alzheimer's disease in Down syndrome. FASEB Journal, 2006, 20, 1361-1368. | 0.2 | 58 |
| 44 | TRPV1 activation alleviates cognitive and synaptic plasticity impairments through inhibiting AMPAR endocytosis in APP23/PS45 mouse model of Alzheimer's disease. Aging Cell, 2020, 19, e13113. | 3.0 | 58 |
| 45 | Safety and efficacy of valproic acid treatment in SCA3/MJD patients. Parkinsonism and Related Disorders, 2016, 26, 55-61. | 1.1 | 56 |
| 46 | Depletion of acetate-producing bacteria from the gut microbiota facilitates cognitive impairment through the gut-brain neural mechanism in diabetic mice. Microbiome, 2021, 9, 145. | 4.9 | 56 |
| 47 | New insight into Alzheimer's disease: Light reverses A β -obstructed interstitial fluid flow and ameliorates memory decline in APP/PS1 mice. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 671-684. | 1.8 | 51 |
| 48 | Detection of Neuritic Plaques in Alzheimer's Disease Mouse Model. Journal of Visualized Experiments, 2011, , . | 0.2 | 49 |
| 49 | The cholesterol transporter ABCG1 modulates the subcellular distribution and proteolytic processing of β -amyloid precursor protein. Journal of Lipid Research, 2007, 48, 1022-1034. | 2.0 | 48 |
| 50 | The synapse as a treatment avenue for Alzheimer's Disease. Molecular Psychiatry, 2022, 27, 2940-2949. | 4.1 | 48 |
| 51 | Melatonin regulates the transcription of β APP-cleaving secretases mediated through melatonin receptors in human neuroblastoma SH-SY5Y cells. Journal of Pineal Research, 2015, 59, 308-320. | 3.4 | 47 |
| 52 | Exome sequencing in multiple sclerosis families identifies 12 candidate genes and nominates biological pathways for the genesis of disease. PLoS Genetics, 2019, 15, e1008180. | 1.5 | 46 |
| 53 | Functional identification of the promoter of the gene encoding the Rhesus monkey β -amyloid precursor protein. Gene, 1998, 217, 165-176. | 1.0 | 45 |
| 54 | Hypoxia Signaling Regulates Macrophage Migration Inhibitory Factor (MIF) Expression in Stroke. Molecular Neurobiology, 2015, 51, 155-167. | 1.9 | 44 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | 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 |
| 56 | Downregulation of MIF by NF- κ B under hypoxia accelerated neuronal loss during stroke. <i>FASEB Journal</i> , 2014, 28, 4394-4407. | 0.2 | 43 |
| 57 | Ethanol Alters APP Processing and Aggravates Alzheimer-Associated Phenotypes. <i>Molecular Neurobiology</i> , 2018, 55, 5006-5018. | 1.9 | 43 |
| 58 | 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 |
| 59 | RCAN1 Overexpression Exacerbates Calcium Overloading-Induced Neuronal Apoptosis. <i>PLoS ONE</i> , 2014, 9, e95471. | 1.1 | 42 |
| 60 | Upregulation of Macrophage Migration Inhibitory Factor Gene Expression in Stroke. <i>Stroke</i> , 2009, 40, 973-976. | 1.0 | 41 |
| 61 | Amyloid- β precursor protein facilitates the regulator of calcineurin 1-mediated apoptosis by downregulating proteasome subunit β type-5 and proteasome subunit β type-7. <i>Neurobiology of Aging</i> , 2015, 36, 169-177. | 1.5 | 41 |
| 62 | 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 |
| 63 | Valproic Acid Attenuates Neuronal Loss in the Brain of APP/PS1 Double Transgenic Alzheimer's Disease Mice Model. <i>Current Alzheimer Research</i> , 2013, 10, 261-269. | 0.7 | 41 |
| 64 | Degradation of nicastrin involves both proteasome and lysosome. <i>Journal of Neurochemistry</i> , 2007, 101, 982-992. | 2.1 | 39 |
| 65 | The ProNGF/p75NTR pathway induces tau pathology and is a therapeutic target for FTLD-tau. <i>Molecular Psychiatry</i> , 2018, 23, 1813-1824. | 4.1 | 37 |
| 66 | A presenilin-1 mutation causes Alzheimer disease without affecting Notch signaling. <i>Molecular Psychiatry</i> , 2020, 25, 603-613. | 4.1 | 37 |
| 67 | Deubiquitinating enzymes (DUBs): decipher underlying basis of neurodegenerative diseases. <i>Molecular Psychiatry</i> , 2022, 27, 259-268. | 4.1 | 37 |
| 68 | Molecular cloning of the promoter of the gene encoding the Rhesus monkey β -amyloid precursor protein: structural characterization and a comparative study with other species. <i>Gene</i> , 1998, 217, 151-164. | 1.0 | 36 |
| 69 | TMP21 degradation is mediated by the ubiquitin-proteasome pathway. <i>European Journal of Neuroscience</i> , 2008, 28, 1980-1988. | 1.2 | 36 |
| 70 | Preparation of PbS Nanoparticles by Phase-Transfer Method and Application to Pb ²⁺ -Selective Electrode Based on PVC Membrane. <i>Analytical Letters</i> , 2008, 41, 2844-2859. | 1.0 | 36 |
| 71 | 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 |
| 72 | 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 |

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|----|--|-----|-----------|
| 73 | Formaldehyde induces diabetes-associated cognitive impairments. <i>FASEB Journal</i> , 2018, 32, 3669-3679. | 0.2 | 35 |
| 74 | Nutritional Deficiency in Early Life Facilitates Aging-Associated Cognitive Decline. <i>Current Alzheimer Research</i> , 2017, 14, 841-849. | 0.7 | 35 |
| 75 | Ubiquitin-proteasome pathway mediates degradation of APH-1. <i>Journal of Neurochemistry</i> , 2006, 99, 1403-1412. | 2.1 | 34 |
| 76 | Physiological clearance of tau in the periphery and its therapeutic potential for tauopathies. <i>Acta Neuropathologica</i> , 2018, 136, 525-536. | 3.9 | 33 |
| 77 | Blood cell-produced amyloid- β^2 induces cerebral Alzheimer-type pathologies and behavioral deficits. <i>Molecular Psychiatry</i> , 2021, 26, 5568-5577. | 4.1 | 32 |
| 78 | Effect of Synthetic Cannabinoid HU210 on Memory Deficits and Neuropathology in Alzheimers Disease Mouse Model. <i>Current Alzheimer Research</i> , 2010, 7, 255-261. | 0.7 | 29 |
| 79 | Connexins and pannexins in Alzheimer's disease. <i>Neuroscience Letters</i> , 2019, 695, 100-105. | 1.0 | 28 |
| 80 | 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 |
| 81 | NF- κ B signaling inhibits ubiquitin carboxyl-terminal hydrolase L1 gene expression. <i>Journal of Neurochemistry</i> , 2011, 116, 1160-1170. | 2.1 | 27 |
| 82 | Hypoxia regulation of ATP13A2 (PARK9) gene transcription. <i>Journal of Neurochemistry</i> , 2012, 122, 251-259. | 2.1 | 27 |
| 83 | Efficient transfection of DNA by mixing cells in suspension with calcium phosphate. <i>Nucleic Acids Research</i> , 1995, 23, 3609-3611. | 6.5 | 26 |
| 84 | Lys203 and Lys382 are Essential for the Proteasomal Degradation of BACE1. <i>Current Alzheimer Research</i> , 2012, 9, 606-615. | 0.7 | 26 |
| 85 | Regulation of global gene expression and cell proliferation by APP. <i>Scientific Reports</i> , 2016, 6, 22460. | 1.6 | 26 |
| 86 | 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 |
| 87 | BACE2 degradation mediated by the macroautophagy-lysosome pathway. <i>European Journal of Neuroscience</i> , 2013, 37, 1970-1977. | 1.2 | 25 |
| 88 | 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 |
| 89 | SP1 regulates a human SNAP-25 gene expression. <i>Journal of Neurochemistry</i> , 2008, 105, 512-523. | 2.1 | 23 |
| 90 | Cleavage of potassium channel Kv2.1 by BACE2 reduces neuronal apoptosis. <i>Molecular Psychiatry</i> , 2018, 23, 1542-1554. | 4.1 | 23 |

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|-----|--|-----|-----------|
| 91 | Degradation of FA reduces A β neurotoxicity and Alzheimer-related phenotypes. <i>Molecular Psychiatry</i> , 2021, 26, 5578-5591. | 4.1 | 23 |
| 92 | Efficient DNA transfection in neuronal and astrocytic cell lines. <i>Molecular Biology Reports</i> , 2000, 27, 113-121. | 1.0 | 22 |
| 93 | Transcriptional Regulation of TMP21 by NFAT. <i>Molecular Neurodegeneration</i> , 2011, 6, 21. | 4.4 | 22 |
| 94 | Method to test rotationally asymmetric surface deviation with high accuracy. <i>Applied Optics</i> , 2012, 51, 5567. | 0.9 | 22 |
| 95 | Analysis of the 5' flanking region of the β -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 |
| 96 | Sox2 functionally interacts with β APP, the β APP intracellular domain and ADAM10 at a transcriptional level in human cells. <i>Neuroscience</i> , 2016, 312, 153-164. | 1.1 | 21 |
| 97 | Mild traumatic brain injury induces memory deficits with alteration of gene expression profile. <i>Scientific Reports</i> , 2017, 7, 10846. | 1.6 | 21 |
| 98 | USP25 inhibition ameliorates Alzheimer's pathology through the regulation of APP processing and A β generation. <i>Journal of Clinical Investigation</i> , 2022, 132, . | 3.9 | 21 |
| 99 | Trehalose Inhibits A β Generation and Plaque Formation in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2020, 57, 3150-3157. | 1.9 | 20 |
| 100 | Stock Splits as a Manipulation Tool: Evidence from Mergers and Acquisitions. <i>Financial Management</i> , 2008, 37, 695-712. | 1.5 | 19 |
| 101 | Sp1 Regulates Human Huntingtin Gene Expression. <i>Journal of Molecular Neuroscience</i> , 2012, 47, 311-321. | 1.1 | 19 |
| 102 | Absolute measurement of optical flats based on basic iterative methods. <i>Optics Express</i> , 2015, 23, 16305. | 1.7 | 19 |
| 103 | Epigenetic modification of PKM η rescues aging-related cognitive impairment. <i>Scientific Reports</i> , 2016, 6, 22096. | 1.6 | 19 |
| 104 | Regulation of LRRK2 promoter activity and gene expression by Sp1. <i>Molecular Brain</i> , 2016, 9, 33. | 1.3 | 19 |
| 105 | Regulation of SET Gene Expression by NF κ B. <i>Molecular Neurobiology</i> , 2017, 54, 4477-4485. | 1.9 | 19 |
| 106 | Estrogen receptor β (ER β) status evaluation using RNAscope in situ hybridization: a reliable and complementary method for IHC in breast cancer tissues. <i>Human Pathology</i> , 2017, 61, 121-129. | 1.1 | 19 |
| 107 | Identification of Alzheimer's disease-associated rare coding variants in the ECE2 gene. <i>JCI Insight</i> , 2020, 5, . | 2.3 | 19 |
| 108 | Regulator of Calcineurin 1 Gene Transcription is Regulated by Nuclear Factor- κ B. <i>Current Alzheimer Research</i> , 2014, 11, 156-164. | 0.7 | 19 |

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|-----|---|-----|-----------|
| 109 | The Role of TMP21 in Trafficking and Amyloid- β Precursor Protein (APP) Processing in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2012, 9, 411-424. | 0.7 | 18 |
| 110 | Upregulation of human PINK1 gene expression by NF κ B signalling. <i>Molecular Brain</i> , 2014, 7, 57. | 1.3 | 18 |
| 111 | Memory Impairment Induced by Borna Disease Virus 1 Infection is Associated with Reduced H3K9 Acetylation. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 381-394. | 1.1 | 18 |
| 112 | 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 |
| 113 | Inhibition of cystathionine β -synthase promotes apoptosis and reduces cell proliferation in chronic myeloid leukemia. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 52. | 7.1 | 17 |
| 114 | Preparation and Storage of Silver Nanoparticles in Aqueous Polymers. <i>Chinese Journal of Chemistry</i> , 2009, 27, 717-721. | 2.6 | 16 |
| 115 | Loss of activated CaMKII at the synapse underlies Alzheimer's disease memory loss. <i>Journal of Neurochemistry</i> , 2011, 119, 673-675. | 2.1 | 16 |
| 116 | Traumatic Brain Injury Alters the Metabolism and Facilitates Alzheimer's Disease in a Murine Model. <i>Molecular Neurobiology</i> , 2018, 55, 4928-4939. | 1.9 | 16 |
| 117 | A Novel Alzheimer-Associated SNP in Tmp21 Increases Amyloidogenesis. <i>Molecular Neurobiology</i> , 2018, 55, 1862-1870. | 1.9 | 15 |
| 118 | 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 |
| 119 | Neuronal ApoE4 stimulates C/EBP β activation, promoting Alzheimer's disease pathology in a mouse model. <i>Progress in Neurobiology</i> , 2022, 209, 102212. | 2.8 | 15 |
| 120 | BACE1 Gene Promoter Single-Nucleotide Polymorphisms in Alzheimer's Disease. <i>Journal of Molecular Neuroscience</i> , 2010, 42, 127-133. | 1.1 | 14 |
| 121 | 5-methyltetrahydrofolate rescues alcohol-induced neural crest cell migration abnormalities. <i>Molecular Brain</i> , 2014, 7, 67. | 1.3 | 13 |
| 122 | Case-Control Studies Are Not Familial Studies. <i>Neuron</i> , 2016, 92, 339-341. | 3.8 | 12 |
| 123 | Transcriptional regulation of human USP24 gene expression by NF κ B. <i>Journal of Neurochemistry</i> , 2014, 128, 818-828. | 2.1 | 11 |
| 124 | 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 |
| 125 | Two novel DNA motifs are essential for BACE1 gene transcription. <i>Scientific Reports</i> , 2014, 4, 6864. | 1.6 | 11 |
| 126 | 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 |

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|-----|--|-----|-----------|
| 127 | BACE1 Gene Expression and Protein Degradation. <i>Annals of the New York Academy of Sciences</i> , 2004, 1035, 49-67. | 1.8 | 10 |
| 128 | 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 |
| 129 | A novel de novo nonsense mutation in <i>ZC4H2</i> causes Wieacker-Wolff Syndrome. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1100. | 0.6 | 10 |
| 130 | Optimized absolute testing method of shift-rotation. <i>Applied Optics</i> , 2013, 52, 7028. | 0.9 | 9 |
| 131 | Absolute calibration of a spherical reference surface for a Fizeau interferometer with the shift-rotation method of iterative algorithm. <i>Optical Engineering</i> , 2013, 52, 033601. | 0.5 | 9 |
| 132 | Reduced SNAP25 Protein Fragmentation Contributes to SNARE Complex Dysregulation in Schizophrenia Postmortem Brain. <i>Neuroscience</i> , 2019, 420, 112-128. | 1.1 | 9 |
| 133 | Absolute measurement of flats with the method of shift-rotation. <i>Optical Review</i> , 2013, 20, 374-377. | 1.2 | 8 |
| 134 | Alteration of the Retinoid Acid-CBP Signaling Pathway in Neural Crest Induction Contributes to Enteric Nervous System Disorder. <i>Frontiers in Pediatrics</i> , 2018, 6, 382. | 0.9 | 8 |
| 135 | Regulation of global gene expression in brain by TMP21. <i>Molecular Brain</i> , 2019, 12, 39. | 1.3 | 8 |
| 136 | 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 |
| 137 | Ketamine Modulates Zic5 Expression via the Notch Signaling Pathway in Neural Crest Induction. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 9. | 1.4 | 7 |
| 138 | Upregulation of SET Expression by BACE1 and its Implications in Down Syndrome. <i>Molecular Neurobiology</i> , 2015, 51, 781-790. | 1.9 | 6 |
| 139 | Transcriptional activation of USP16 gene expression by NF κ B signaling. <i>Molecular Brain</i> , 2019, 12, 120. | 1.3 | 6 |
| 140 | Cell-type-specific memory consolidation driven by translational control. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 40. | 7.1 | 6 |
| 141 | Expression of tmp21 in normal adult human tissues. <i>International Journal of Clinical and Experimental Medicine</i> , 2014, 7, 2976-83. | 1.3 | 6 |
| 142 | Crossing the "Birth Border" for Epigenetic Effects. <i>Biological Psychiatry</i> , 2022, 92, e21-e23. | 0.7 | 5 |
| 143 | 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 |
| 144 | Isolation of the genomic clone of the rhesus monkey beta-amyloid precursor protein. <i>IUBMB Life</i> , 1998, 46, 755-764. | 1.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Gossip-Based Workload Prediction and Process Model for Composite Workflow Service. , 2009, , . | | 3 |
| 146 | Mitochondria hyperactivity contributes to social behavioral impairments. Signal Transduction and Targeted Therapy, 2020, 5, 126. | 7.1 | 3 |
| 147 | Oxidative Stress and Alzheimer's Disease. , 2014, , 2147-2174. | | 3 |
| 148 | Chronic Alcohol Exposure Alters Gene Expression and Neurodegeneration Pathways in the Brain of Adult Mice. Journal of Alzheimer's Disease, 2022, 86, 315-331. | 1.2 | 3 |
| 149 | Targeting nascent soluble A β 42 for potential Alzheimer drug development. Journal of Neurochemistry, 2013, 125, 329-331. | 2.1 | 2 |
| 150 | Editorial Note to:Nuclear Receptor NR1H3 in Familial Multiple Sclerosis. Neuron, 2016, 92, 331-332. | 3.8 | 2 |
| 151 | A Novel Compound YS-5-23 Exhibits Neuroprotective Effect by Reducing β -Site Amyloid Precursor Protein Cleaving Enzyme 1's Expression and H2O2-Induced Cytotoxicity in SH-SY5Y Cells. Neurochemical Research, 2020, 45, 2113-2127. | 1.6 | 2 |
| 152 | Do Systemic Infections Contribute to the Pathogenesis of Dementia?. Neuroscience Bulletin, 2022, 38, 331-333. | 1.5 | 2 |
| 153 | Hybrid Reasoning for Ontology Classification. Lecture Notes in Computer Science, 2011, , 372-376. | 1.0 | 1 |
| 154 | Genomic and Molecular Characterization of Alzheimer Disease. Current Psychiatry Reviews, 2010, 6, 104-113. | 0.9 | 1 |
| 155 | Regulation of the Human IL-10RB Gene Expression by Sp8 and Sp9. Journal of Alzheimer's Disease, 2022, 88, 1469-1485. | 1.2 | 1 |
| 156 | Presenilins and Notch Signaling Pathway. , 0, , 531-539. | | 0 |
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