

Huaxi Xu

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144
papers

9,668
citations

46
h-index

97
g-index

161
ext. papers

12,166
ext. citations

9
avg, IF

6.25
L-index

#	Paper	IF	Citations
144	Apolipoprotein E and Alzheimer disease: risk, mechanisms and therapy. <i>Nature Reviews Neurology</i> , 2013 , 9, 106-18	15	1770
143	APP processing in Alzheimer's disease. <i>Molecular Brain</i> , 2011 , 4, 3	4.5	479
142	Estrogen reduces neuronal generation of Alzheimer beta-amyloid peptides. <i>Nature Medicine</i> , 1998 , 4, 447-51	50.5	479
141	Chaperones increase association of tau protein with microtubules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 721-6	11.5	383
140	ApoE and Aβ in Alzheimer's disease: accidental encounters or partners?. <i>Neuron</i> , 2014 , 81, 740-54	13.9	356
139	Oligomeric Aβ induced synaptic dysfunction in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2014 , 9, 48	19	308
138	Hypoxia-inducible factor 1 alpha (HIF-1alpha)-mediated hypoxia increases BACE1 expression and beta-amyloid generation. <i>Journal of Biological Chemistry</i> , 2007 , 282, 10873-80	5.4	285
137	TREM2 Is a Receptor for βAmyloid that Mediates Microglial Function. <i>Neuron</i> , 2018 , 97, 1023-1031.e7	13.9	272
136	Apolipoprotein E Is a Ligand for Triggering Receptor Expressed on Myeloid Cells 2 (TREM2). <i>Journal of Biological Chemistry</i> , 2015 , 290, 26043-50	5.4	266
135	Proteolytic processing of Alzheimer's βAmyloid precursor protein. <i>Journal of Neurochemistry</i> , 2012 , 120 Suppl 1, 9-21	6	208
134	Loss of sorting nexin 27 contributes to excitatory synaptic dysfunction by modulating glutamate receptor recycling in Down's syndrome. <i>Nature Medicine</i> , 2013 , 19, 473-80	50.5	167
133	Molecular and cellular mechanisms underlying the pathogenesis of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2020 , 15, 40	19	165
132	Elevated TREM2 Gene Dosage Reprograms Microglia Responsivity and Ameliorates Pathological Phenotypes in Alzheimer's Disease Models. <i>Neuron</i> , 2018 , 97, 1032-1048.e5	13.9	158
131	Presenilin 1 is required for maturation and cell surface accumulation of nicastrin. <i>Journal of Biological Chemistry</i> , 2002 , 277, 19236-40	5.4	158
130	Soluble TREM2 induces inflammatory responses and enhances microglial survival. <i>Journal of Experimental Medicine</i> , 2017 , 214, 597-607	16.6	147
129	TREM2 Promotes Microglial Survival by Activating Wnt/βCatenin Pathway. <i>Journal of Neuroscience</i> , 2017 , 37, 1772-1784	6.6	146
128	The transmembrane domain of the Alzheimer's beta-secretase (BACE1) determines its late Golgi localization and access to beta -amyloid precursor protein (APP) substrate. <i>Journal of Biological Chemistry</i> , 2001 , 276, 36788-96	5.4	146

127	Dysregulation of Ubiquitin-Proteasome System in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 303	5.3	133
126	Regulated formation of Golgi secretory vesicles containing Alzheimer beta-amyloid precursor protein. <i>Journal of Biological Chemistry</i> , 1995 , 270, 23243-5	5.4	126
125	Deficiency in LRP6-mediated Wnt signaling contributes to synaptic abnormalities and amyloid pathology in Alzheimer's disease. <i>Neuron</i> , 2014 , 84, 63-77	13.9	123
124	Soluble TREM2 ameliorates pathological phenotypes by modulating microglial functions in an Alzheimer's disease model. <i>Nature Communications</i> , 2019 , 10, 1365	17.4	108
123	Pathological and physiological functions of presenilins. <i>Molecular Neurodegeneration</i> , 2006 , 1, 4	19	107
122	Trafficking regulation of proteins in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2014 , 9, 6	19	99
121	Nicastrin is critical for stability and trafficking but not association of other presenilin/gamma-secretase components. <i>Journal of Biological Chemistry</i> , 2005 , 280, 17020-6	5.4	87
120	Long noncoding RNA Pvt1 regulates the immunosuppression activity of granulocytic myeloid-derived suppressor cells in tumor-bearing mice. <i>Molecular Cancer</i> , 2019 , 18, 61	42.1	86
119	DAP12 Stabilizes the C-terminal Fragment of the Triggering Receptor Expressed on Myeloid Cells-2 (TREM2) and Protects against LPS-induced Pro-inflammatory Response. <i>Journal of Biological Chemistry</i> , 2015 , 290, 15866-15877	5.4	84
118	Amyloid-beta modulates microglial responses by binding to the triggering receptor expressed on myeloid cells 2 (TREM2). <i>Molecular Neurodegeneration</i> , 2018 , 13, 15	19	83
117	TREM2 in CNS homeostasis and neurodegenerative disease. <i>Molecular Neurodegeneration</i> , 2015 , 10, 43	19	81
116	Reduced C9ORF72 function exacerbates gain of toxicity from ALS/FTD-causing repeat expansion in C9orf72. <i>Nature Neuroscience</i> , 2020 , 23, 615-624	25.5	80
115	MiR-219 Protects Against Seizure in the Kainic Acid Model of Epilepsy. <i>Molecular Neurobiology</i> , 2016 , 53, 1-7	6.2	77
114	Dysregulation of protein trafficking in neurodegeneration. <i>Molecular Neurodegeneration</i> , 2014 , 9, 31	19	77
113	Long Non-Coding RNA HOXA Transcript Antisense RNA Myeloid-Specific 1-HOXA1 Axis Downregulates the Immunosuppressive Activity of Myeloid-Derived Suppressor Cells in Lung Cancer. <i>Frontiers in Immunology</i> , 2018 , 9, 473	8.4	76
112	The β secretase complex: from structure to function. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 427	6.1	76
111	Suppression of cyclin-dependent kinase 5 activation by amyloid precursor protein: a novel excitoprotective mechanism involving modulation of tau phosphorylation. <i>Journal of Neuroscience</i> , 2005 , 25, 11542-52	6.6	71
110	Alternatively activated macrophages; a double-edged sword in allergic asthma. <i>Journal of Translational Medicine</i> , 2020 , 18, 58	8.5	70

109	Menin Deficiency Leads to Depressive-like Behaviors in Mice by Modulating Astrocyte-Mediated Neuroinflammation. <i>Neuron</i> , 2018 , 100, 551-563.e7	13.9	70
108	Apoptosis-Mediated Caspase Cleavage of Tau Contributes to Progressive Supranuclear Palsy Pathogenesis. <i>Neuron</i> , 2015 , 87, 963-75	13.9	66
107	Metformin promotes tau aggregation and exacerbates abnormal behavior in a mouse model of tauopathy. <i>Molecular Neurodegeneration</i> , 2016 , 11, 16	19	65
106	Opposing roles of the triggering receptor expressed on myeloid cells 2 and triggering receptor expressed on myeloid cells-like transcript 2 in microglia activation. <i>Neurobiology of Aging</i> , 2016 , 42, 132-41	5.6	65
105	Estrogen, beta-amyloid metabolism/trafficking, and Alzheimer's disease. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1089, 324-42	6.5	58
104	LRP1 modulates the microglial immune response via regulation of JNK and NF- κ B signaling pathways. <i>Journal of Neuroinflammation</i> , 2016 , 13, 304	10.1	58
103	Rotenone affects p53 transcriptional activity and apoptosis via targeting SIRT1 and H3K9 acetylation in SH-SY5Y cells. <i>Journal of Neurochemistry</i> , 2015 , 134, 668-76	6	55
102	Tumor-suppressor PTEN affects tau phosphorylation, aggregation, and binding to microtubules. <i>FASEB Journal</i> , 2006 , 20, 1272-4	0.9	55
101	Sorting nexin 27 regulates A β production through modulating β secretase activity. <i>Cell Reports</i> , 2014 , 9, 1023-33	10.6	51
100	Apoptosis is a novel pro-apoptotic protein and mediates cell death in neurodegeneration. <i>Journal of Neuroscience</i> , 2012 , 32, 15565-76	6.6	50
99	NitroSynapsin therapy for a mouse MEF2C haploinsufficiency model of human autism. <i>Nature Communications</i> , 2017 , 8, 1488	17.4	47
98	Functional interaction of phosphatase and tensin homologue (PTEN) with the E3 ligase NEDD4-1 during neuronal response to zinc. <i>Journal of Biological Chemistry</i> , 2010 , 285, 9847-9857	5.4	45
97	β amyloid redirects norepinephrine signaling to activate the pathogenic GSK3 β /tau cascade. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	43
96	Enterovirus 71 transmission by exosomes establishes a productive infection in human neuroblastoma cells. <i>Virus Genes</i> , 2016 , 52, 189-94	2.3	41
95	IL-17 contributed to the neuropathic pain following peripheral nerve injury by promoting astrocyte proliferation and secretion of proinflammatory cytokines. <i>Molecular Medicine Reports</i> , 2017 , 15, 89-96	2.9	39
94	ER-associated degradation regulates Alzheimer's amyloid pathology and memory function by modulating β secretase activity. <i>Nature Communications</i> , 2017 , 8, 1472	17.4	36
93	Long non-coding RNA RUNXOR accelerates MDSC-mediated immunosuppression in lung cancer. <i>BMC Cancer</i> , 2018 , 18, 660	4.8	35
92	Quercetin stabilizes apolipoprotein E and reduces brain A β levels in amyloid model mice. <i>Neuropharmacology</i> , 2016 , 108, 179-92	5.5	35

91	A rapid and cost-effective method for genotyping apolipoprotein E gene polymorphism. <i>Molecular Neurodegeneration</i> , 2016 , 11, 2	19	34
90	LncRNA MALAT1 negatively regulates MDSCs in patients with lung cancer. <i>Journal of Cancer</i> , 2018 , 9, 2436-2442	4.5	34
89	The Retromer Complex and Sorting Nexins in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 79	5.3	34
88	Therapeutic Potential of a Prolyl Hydroxylase Inhibitor FG-4592 for Parkinson's Diseases and : Regulation of Redox Biology and Mitochondrial Function. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 121	5.3	34
87	SNX27 and SORLA Interact to Reduce Amyloidogenic Subcellular Distribution and Processing of Amyloid Precursor Protein. <i>Journal of Neuroscience</i> , 2016 , 36, 7996-8011	6.6	33
86	MicroRNA-145 targets TRIM2 and exerts tumor-suppressing functions in epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2015 , 139, 513-9	4.9	32
85	Intracellular trafficking of presenilin 1 is regulated by beta-amyloid precursor protein and phospholipase D1. <i>Journal of Biological Chemistry</i> , 2009 , 284, 12145-52	5.4	31
84	Increased GITRL Impairs the Function of Myeloid-Derived Suppressor Cells and Exacerbates Primary Sjögren Syndrome. <i>Journal of Immunology</i> , 2019 , 202, 1693-1703	5.3	30
83	VPS35 regulates cell surface recycling and signaling of dopamine receptor D1. <i>Neurobiology of Aging</i> , 2016 , 46, 22-31	5.6	29
82	Non-tumor tissue derived interleukin-17B activates IL-17RB/AKT/βcatenin pathway to enhance the stemness of gastric cancer. <i>Scientific Reports</i> , 2016 , 6, 25447	4.9	29
81	Inhibition of PKCβ reduces amyloid-β levels and reverses Alzheimer disease phenotypes. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1665-1677	16.6	28
80	Cyclin-dependent kinase 5 decreases in gastric cancer and its nuclear accumulation suppresses gastric tumorigenesis. <i>Clinical Cancer Research</i> , 2015 , 21, 1419-28	12.9	27
79	Lipid vesicular nanocarrier: Quick encapsulation efficiency determination and transcutaneous application. <i>International Journal of Pharmaceutics</i> , 2017 , 516, 225-230	6.5	27
78	Magnesium Reduces Blood-Brain Barrier Permeability and Regulates Amyloid-β Transcytosis. <i>Molecular Neurobiology</i> , 2018 , 55, 7118-7131	6.2	26
77	G-MDSC-derived exosomes attenuate collagen-induced arthritis by impairing Th1 and Th17 cell responses. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 165540	6.9	23
76	LncRNA Inhibits Maturation and Accelerates Immunosuppression of Polymorphonuclear Myeloid-Derived Suppressor Cells by Enhancing the Stability of Ficolin B. <i>Cancer Immunology Research</i> , 2020 , 8, 565-577	12.5	22
75	Formulation and in vitro stability evaluation of ethosomal carbomer hydrogel for transdermal vaccine delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 163, 184-191	6	22
74	Olfactory Ecto-Mesenchymal Stem Cell-Derived Exosomes Ameliorate Experimental Colitis Modulating Th1/Th17 and Treg Cell Responses. <i>Frontiers in Immunology</i> , 2020 , 11, 598322	8.4	22

73	Blood-Brain Barrier Integrity and Clearance of Amyloid- β from the BBB. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1097, 261-278	3.6	22
72	Role of copper and the copper-related protein CUTA in mediating APP processing and A β generation. <i>Neurobiology of Aging</i> , 2015 , 36, 1310-5	5.6	21
71	IL-17B activated mesenchymal stem cells enhance proliferation and migration of gastric cancer cells. <i>Oncotarget</i> , 2017 , 8, 18914-18923	3.3	21
70	IL-17 producing innate lymphoid cells 3 (ILC3) but not Th17 cells might be the potential danger factor for preeclampsia and other pregnancy associated diseases. <i>International Journal of Clinical and Experimental Pathology</i> , 2015 , 8, 11100-7	1.4	21
69	A Systematic Review on the Sinomenine Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018 , 18, 906-917	3.17	21
68	Metformin inhibits the function of granulocytic myeloid-derived suppressor cells in tumor-bearing mice. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 120, 109458	7.5	20
67	Apolipoprotein E epsilon 2 allele and low serum cholesterol as risk factors for gastric cancer in a Chinese Han population. <i>Scientific Reports</i> , 2016 , 6, 19930	4.9	20
66	Apoptosis interacts with mitochondrial outer-membrane fusion proteins and regulates mitochondrial morphology. <i>Journal of Cell Science</i> , 2016 , 129, 994-1002	5.3	20
65	Asiatic Acid Prevents Oxidative Stress and Apoptosis by Inhibiting the Translocation of β Synuclein Into Mitochondria. <i>Frontiers in Neuroscience</i> , 2018 , 12, 431	5.1	20
64	SNX27 Deletion Causes Hydrocephalus by Impairing Ependymal Cell Differentiation and Cilogenesis. <i>Journal of Neuroscience</i> , 2016 , 36, 12586-12597	6.6	20
63	SORLA attenuates EphA4 signaling and amyloid β induced neurodegeneration. <i>Journal of Experimental Medicine</i> , 2017 , 214, 3669-3685	16.6	19
62	The roles of Cdk5-mediated subcellular localization of FOXO1 in neuronal death. <i>Journal of Neuroscience</i> , 2015 , 35, 2624-35	6.6	19
61	The resveratrol trimer miyabenol C inhibits β secretase activity and β amyloid generation. <i>PLoS ONE</i> , 2015 , 10, e0115973	3.7	18
60	Multi-omic comparison of Alzheimer's variants in human ESC-derived microglia reveals convergence at APOE. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	17
59	Synergistically increased ILC2 and Th9 cells in lung tissue jointly promote the pathological process of asthma in mice. <i>Molecular Medicine Reports</i> , 2016 , 13, 5230-40	2.9	17
58	Arginine Methyltransferase PRMT8 Provides Cellular Stress Tolerance in Aging Motoneurons. <i>Journal of Neuroscience</i> , 2018 , 38, 7683-7700	6.6	17
57	Insufficient ER-stress response causes selective mouse cerebellar granule cell degeneration resembling that seen in congenital disorders of glycosylation. <i>Molecular Brain</i> , 2013 , 6, 52	4.5	17
56	Synaptic Adhesion Molecule Pcdh- γ 5 Mediates Synaptic Dysfunction in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2017 , 37, 9259-9268	6.6	17

55	Membralin deficiency dysregulates astrocytic glutamate homeostasis leading to ALS-like impairment. <i>Journal of Clinical Investigation</i> , 2019 , 129, 3103-3120	15.9	17
54	The Neuron-Specific Protein TMEM59L Mediates Oxidative Stress-Induced Cell Death. <i>Molecular Neurobiology</i> , 2017 , 54, 4189-4200	6.2	16
53	Enhanced circulating ILC2s and MDSCs may contribute to ensure maintenance of Th2 predominant in patients with lung cancer. <i>Molecular Medicine Reports</i> , 2017 , 15, 4374-4381	2.9	15
52	Baicalein and Baicalin Promote Melanoma Apoptosis and Senescence via Metabolic Inhibition. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 836	5.7	14
51	Olfactory ecto-mesenchymal stem cell-derived exosomes ameliorate murine Sjögren's syndrome by modulating the function of myeloid-derived suppressor cells. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 440-451	15.4	14
50	Neuron-Specific Menin Deletion Leads to Synaptic Dysfunction and Cognitive Impairment by Modulating p35 Expression. <i>Cell Reports</i> , 2018 , 24, 701-712	10.6	13
49	The role of microRNAs in enteroviral infections. <i>Brazilian Journal of Infectious Diseases</i> , 2015 , 19, 510-6	2.8	13
48	The deubiquitinase USP6 affects memory and synaptic plasticity through modulating NMDA receptor stability. <i>PLoS Biology</i> , 2019 , 17, e3000525	9.7	13
47	Intracellular trafficking of TREM2 is regulated by presenilin 1. <i>Experimental and Molecular Medicine</i> , 2017 , 49, e405	12.8	11
46	IL-17A weakens the antitumor immunity by inhibiting apoptosis of MDSCs in Lewis lung carcinoma bearing mice. <i>Oncotarget</i> , 2017 , 8, 4814-4825	3.3	11
45	RPS23RG1 Is Required for Synaptic Integrity and Rescues Alzheimer's Disease-Associated Cognitive Deficits. <i>Biological Psychiatry</i> , 2019 , 86, 171-184	7.9	10
44	SNX15 Regulates Cell Surface Recycling of APP and Aβ Generation. <i>Molecular Neurobiology</i> , 2016 , 53, 3690-3701	6.2	9
43	PGE2 ameliorated viral myocarditis development and promoted IL-10-producing regulatory B cell expansion via MAPKs/AKT-AP1 axis or AhR signaling. <i>Cellular Immunology</i> , 2020 , 347, 104025	4.4	9
42	Cyclin-Dependent Kinase 5-Dependent BAG3 Degradation Modulates Synaptic Protein Turnover. <i>Biological Psychiatry</i> , 2020 , 87, 756-769	7.9	9
41	Granulocytic Myeloid-Derived Suppressor Cell Exosomal Prostaglandin E2 Ameliorates Collagen-Induced Arthritis by Enhancing IL-10 B Cells. <i>Frontiers in Immunology</i> , 2020 , 11, 588500	8.4	9
40	Mesenchymal Stem Cell Enhances the Function of MDSCs in Experimental Sjögren Syndrome. <i>Frontiers in Immunology</i> , 2020 , 11, 604607	8.4	9
39	RPS23RG1 reduces Aβ oligomer-induced synaptic and cognitive deficits. <i>Scientific Reports</i> , 2016 , 6, 18668	4.9	9
38	Simultaneously increased expression of glucocorticoid-induced tumor necrosis factor receptor and its ligand contributes to increased interleukin-5/13-producing group 2 innate lymphocytes in murine asthma. <i>Molecular Medicine Reports</i> , 2017 , 15, 4291-4299	2.9	7

37	Detection and enumeration of circulating tumor cells based on their invasive property. <i>Oncotarget</i> , 2015 , 6, 27304-11	3.3	7
36	Connections between Metabolism and Epigenetic Modification in MDSCs. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
35	RAB39B Deficiency Impairs Learning and Memory Partially Through Compromising Autophagy. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 598622	5.7	7
34	Obesity May Provide Pro-ILC3 Development Inflammatory Environment in Asthmatic Children. <i>Journal of Immunology Research</i> , 2018 , 2018, 1628620	4.5	7
33	SNX8 Enhances Non-amyloidogenic APP Trafficking and Attenuates A β Accumulation and Memory Deficits in an AD Mouse. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 410	6.1	6
32	Characterization and distribution of drug resistance associated β -lactamase, membrane porin and efflux pump genes in MDR A. baumannii isolated from Zhenjiang, China. <i>International Journal of Clinical and Experimental Medicine</i> , 2015 , 8, 15393-402		6
31	Regulation of Autophagy by Glycolysis in Cancer. <i>Cancer Management and Research</i> , 2020 , 12, 13259-13276	3.6	6
30	TMEM59 interacts with TREM2 and modulates TREM2-dependent microglial activities. <i>Cell Death and Disease</i> , 2020 , 11, 678	9.8	6
29	GSAP regulates lipid homeostasis and mitochondrial function associated with Alzheimer's disease. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	6
28	Extraction of polysaccharides from maca: Characterization and immunoregulatory effects on CD4 T cells. <i>International Journal of Biological Macromolecules</i> , 2020 , 154, 477-485	7.9	5
27	Soluble SORLA Enhances Neurite Outgrowth and Regeneration through Activation of the EGF Receptor/ERK Signaling Axis. <i>Journal of Neuroscience</i> , 2020 , 40, 5908-5921	6.6	5
26	Synthesis and Anti-Inflammatory Effect of Sinomenine 4-Hydroxy Esters. <i>Chemistry of Natural Compounds</i> , 2018 , 54, 131-136	0.7	5
25	Compensatory Mechanisms Modulate the Neuronal Excitability in a Kainic Acid-Induced Epilepsy Mouse Model. <i>Frontiers in Neural Circuits</i> , 2018 , 12, 48	3.5	5
24	Apoptosis Mediates Lesions Induced by Oxidative Stress Through the JNK-FoxO1 Pathway. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 243	5.3	5
23	Demographic and Lifestyle Characteristics, but Not Apolipoprotein E Genotype, Are Associated with Intelligence among Young Chinese College Students. <i>PLoS ONE</i> , 2015 , 10, e0143157	3.7	5
22	Trisomy 21-induced dysregulation of microglial homeostasis in Alzheimer's brains is mediated by USP25. <i>Science Advances</i> , 2021 , 7,	14.3	5
21	Downregulated Rac1 promotes apoptosis and inhibits the clearance of apoptotic cells in airway epithelial cells, which may be associated with airway hyper-responsiveness in asthma. <i>Scandinavian Journal of Immunology</i> , 2019 , 89, e12752	3.4	4
20	Enhanced circulating ILC2s accompany by upregulated MDSCs in patients with asthma. <i>International Journal of Clinical and Experimental Pathology</i> , 2015 , 8, 3568-79	1.4	4

19	Triggering Receptor Expressed on Myeloid Cells-2 (TREM2) Interacts With Colony-Stimulating Factor 1 Receptor (CSF1R) but Is Not Necessary for CSF1/CSF1R-Mediated Microglial Survival. <i>Frontiers in Immunology</i> , 2021 , 12, 633796	8.4	4
18	RPS23RG1 modulates tau phosphorylation and axon outgrowth through regulating p35 proteasomal degradation. <i>Cell Death and Differentiation</i> , 2021 , 28, 337-348	12.7	4
17	Identification of the minimal active soluble TREM2 sequence for modulating microglial phenotypes and amyloid pathology. <i>Journal of Neuroinflammation</i> , 2021 , 18, 286	10.1	3
16	TMEM59 Haploinsufficiency Ameliorates the Pathology and Cognitive Impairment in the 5xFAD Mouse Model of Alzheimer's Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 596030	5.7	3
15	Proteolytic Shedding of Human Colony-Stimulating Factor 1 Receptor and its implication. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 4516-4521	5.6	3
14	SNX14 deficiency-induced defective axonal mitochondrial transport in Purkinje cells underlies cerebellar ataxia and can be reversed by valproate. <i>National Science Review</i> , 2021 , 8, nwab024	10.8	3
13	Deletion Promotes Recovery From Spinal Cord Injury by Neuroprotection and Reduces Macrophage/Microglia Proliferation. <i>Frontiers in Neurology</i> , 2018 , 9, 1059	4.1	3
12	Bringing Order out of Chaos: Establishing an Epistatic Relationship between CD33 and TREM2. <i>Neuron</i> , 2019 , 103, 747-749	13.9	2
11	LncRNA Snhg6 regulates the differentiation of MDSCs by regulating the ubiquitination of EZH2. <i>Journal of Hematology and Oncology</i> , 2021 , 14, 196	22.4	2
10	Th2 cells as an intermediate for the differentiation of naïve T cells into Th9 cells, associated with the Smad3/Smad4 and IRF4 pathway. <i>Experimental and Therapeutic Medicine</i> , 2020 , 19, 1947-1954	2.1	2
9	Identification and Characterization of a Gene Located on the Linear Plasmid pBSSB1 as an Enhanced Gene of Growth and Motility in Serovar Typhi. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016 , 6, 110	5.9	2
8	4,4'-Dimethoxychalcone regulates redox homeostasis by targeting riboflavin metabolism in Parkinson's disease therapy. <i>Free Radical Biology and Medicine</i> , 2021 , 174, 40-56	7.8	2
7	Insights Into the Role of CSF1R in the Central Nervous System and Neurological Disorders. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 789834	5.3	1
6	GSAP regulates mitochondrial function through the Mitochondria-associated ER membrane in the pathogenesis of Alzheimer's disease		1
5	Profiling of Sexually Dimorphic Genes in Neural Cells to Identify , Whose Overexpression Causes Autism-Like Behaviors in Male Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 669798	5.7	1
4	Nuclear speckle specific hnRNP D-like prevents age- and AD-related cognitive decline by modulating RNA splicing. <i>Molecular Neurodegeneration</i> , 2021 , 16, 66	19	1
3	APOE-ε4 modulates the association among plasma Aβ/Aβ ₄₂ vascular diseases, neurodegeneration and cognitive decline in non-demented elderly adults.. <i>Translational Psychiatry</i> , 2022 , 12, 128	8.6	0
2	Microglial lactate metabolism as a potential therapeutic target for Alzheimer's disease.. <i>Molecular Neurodegeneration</i> , 2022 , 17, 36	19	0

- 1 Overexpression of Human Enhances Learning and Memory Through Modulating Synaptic Plasticity in Mice. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 595357 5·7