Xumei Zhang

List of Publications by Year
in descending order

32 papers	904 citations	471509 17 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	1146 citing authors

#	Article	IF	Citations
1	Astaxanthin delays brain aging in senescence-accelerated mouse prone 10: inducing autophagy as a potential mechanism. Nutritional Neuroscience, 2023, 26, 445-455.	3.1	6
2	Homocysteine can aggravate depressive like behaviors in a middle cerebral artery occlusion/reperfusion rat model: a possible role for NMDARs-mediated synaptic alterations. Nutritional Neuroscience, 2023, 26, 483-495.	3.1	6
3	Associations of Maternal rs1801131 Genotype in MTHFR and Serum Folate and Vitamin B12 with Gestational Diabetes Mellitus in Chinese Pregnant Women. Nutrients, 2022, 14, 1169.	4.1	9
4	Folic Acid Deficiency Enhances the Tyr705 and Ser727 Phosphorylation of Mitochondrial STAT3 in In Vivo and In Vitro Models of Ischemic Stroke. Translational Stroke Research, 2021, 12, 829-843.	4.2	8
5	Autophagy Plays a Role in the Prolongation of the Life Span of <i>Caenorhabditis elegans</i> by Astaxanthin. Rejuvenation Research, 2021, 24, 198-205.	1.8	14
6	Associations of urinary phenolic environmental estrogens exposure with blood glucose levels and gestational diabetes mellitus in Chinese pregnant women. Science of the Total Environment, 2021, 754, 142085.	8.0	21
7	Interactions Between Handgrip Strength and Serum Folate and Homocysteine Levels on Cognitive Function in the Elderly Chinese Population. Journal of Alzheimer's Disease, 2021, 80, 1503-1513.	2.6	2
8	Gender-specific prevalence and influencing factors of depression in elderly in rural China: A cross-sectional study. Journal of Affective Disorders, 2021, 288, 99-106.	4.1	26
9	Homocysteine restrains hippocampal neurogenesis in focal ischemic rat brain by inhibiting DNA methylation. Neurochemistry International, 2021, 147, 105065.	3.8	11
10	Joint effect of urinary arsenic species and serum one-carbon metabolism nutrients on gestational diabetes mellitus: A cross-sectional study of Chinese pregnant women. Environment International, 2021, 156, 106741.	10.0	13
11	Pyrroloquinoline quinone extends <i>Caenorhabditis elegans</i>â€™ longevity through the insulin/IGF1 signaling pathway-mediated activation of autophagy. Food and Function, 2021, 12, 11319-11330.	4.6	9
12	Age- and Sex-Specific Prevalence and Modifiable Risk Factors of Mild Cognitive Impairment Among Older Adults in China: A Population-Based Observational Study. Frontiers in Aging Neuroscience, 2020, 12, 578742.	3.4	14
13	JAK2/STAT3 involves oxidative stress-induced cell injury in N2a cells and a rat MCAO model. International Journal of Neuroscience, 2020, 130, 1142-1150.	1.6	8
14	Homocysteine enhances neural stem cell autophagy in in vivo and in vitro model of ischemic stroke. Cell Death and Disease, 2019, 10, 561.	6.3	76
15	Folic acid deficiency enhanced microglial immune response via the Notch1/nuclear factor kappa B p65 pathway in hippocampus following rat brain I/R injury and BV2 cells. Journal of Cellular and Molecular Medicine, 2019, 23, 4795-4807.	3.6	29
16	Maternal folic acid deficiency stimulates neural cell apoptosis via miRâ€34a associated with Bclâ€2 in the rat foetal brain. International Journal of Developmental Neuroscience, 2019, 72, 6-12.	1.6	17
17	Joint effects of folate and vitamin B 12 imbalance with maternal characteristics on gestational diabetes mellitus. Journal of Diabetes, 2019, 11, 744-751.	1.8	39
18	Homocysteine induces mitochondrial dysfunction involving the crosstalk between oxidative stress and mitochondrial pSTAT3 in rat ischemic brain. Scientific Reports, 2017, 7, 6932.	3.3	45

#	Article	IF	Citations
19	Homocysteine exaggerates microglia activation and neuroinflammation through microglia localized STAT3 overactivation following ischemic stroke. Journal of Neuroinflammation, 2017, 14, 187.	7.2	149
20	Homocysteine Aggravates Cortical Neural Cell Injury through Neuronal Autophagy Overactivation following Rat Cerebral Ischemia-Reperfusion. International Journal of Molecular Sciences, 2016, 17, 1196.	4.1	55
21	Dietary Changes over 25 Years in Tianjin Residents: Findings from the 1986â€"1988, 2000â€"2004, and 2008â€"2011 Nutrition Surveys. Nutrients, 2016, 8, 62.	4.1	4
22	P4-369: Folic Acid Modulate Presenilin 1 Inhibits Amyloid Î²-Peptide Production in N2A-App Cells. , 2016, 12, P1178-P1178.		0
23	Folic acid deficiency increases brain cell injury via autophagy enhancement after focal cerebral ischemia. Journal of Nutritional Biochemistry, 2016, 38, 41-49.	4.2	28
24	Folic Acid Alters Methylation Profile of JAK-STAT and Long-Term Depression Signaling Pathways in Alzheimerâ€™s Disease Models. Molecular Neurobiology, 2016, 53, 6548-6556.	4.0	27
25	Folic acid attenuates the effects of amyloid Î² oligomers on DNA methylation in neuronal cells. European Journal of Nutrition, 2016, 55, 1849-1862.	3.9	19
26	Folic Acid Inhibits Amyloid Î²-Peptide Production through Modulating DNA Methyltransferase Activity in N2a-APP Cells. International Journal of Molecular Sciences, 2015, 16, 25002-25013.	4.1	27
27	Folic acid administration inhibits amyloid Î²-peptide accumulation in APP/PS1 transgenic mice. Journal of Nutritional Biochemistry, 2015, 26, 883-891.	4.2	46
28	Folic acid deficiency enhances abeta accumulation in APP/PS1 mice brain and decreases amyloid-associated miRNAs expression. Journal of Nutritional Biochemistry, 2015, 26, 1502-1508.	4.2	35
29	Homocysteine induces cytotoxicity and proliferation inhibition in neural stem cells via DNA methylation in vitro. FEBS Journal, 2014, 281, 2088-2096.	4.7	60
30	Effects of Homocysteine on ERK Signaling and Cell Proliferation in Fetal Neural Stem Cells In Vitro. Cell Biochemistry and Biophysics, 2013, 66, 131-137.	1.8	14
31	Folic acid enhances Notch signaling, hippocampal neurogenesis, and cognitive function in a rat model of cerebral ischemia. Nutritional Neuroscience, 2012, 15, 55-61.	3.1	56
32	Effects of Folate on Notch Signaling and Cell Proliferation in Neural Stem Cells of Neonatal Rats In Vitro. Journal of Nutritional Science and Vitaminology, 2008, 54, 353-356.	0.6	31