

Ting Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

660
citations

623188

14
h-index

676716

22
g-index

23
all docs

23
docs citations

23
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	Myoneurin regulates BMP signaling by competing with Ppm1a for Smad binding. <i>IScience</i> , 2022, 25, 104495.	1.9	5
2	Knowledge and intake of folic acid to prevent neural tube defects among pregnant women in urban China: a cross-sectional study. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 432.	0.9	17
3	Low folate concentration impacts mismatch repair deficiency in neural tube defects. <i>Epigenomics</i> , 2020, 12, 5-18.	1.0	10
4	miRâ€³22 treatment rescues cell apoptosis and neural tube defect formation through silencing NADPH oxidase 4. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 902-912.	1.9	14
5	F-box protein FBXO30 mediates retinoic acid receptor β ubiquitination and regulates BMP signaling in neural tube defects. <i>Cell Death and Disease</i> , 2019, 10, 551.	2.7	18
6	Development and clinical application of a LC-MS/MS method for simultaneous determination of one-carbon related amino acid metabolites in NTD tissues. <i>Analytical Methods</i> , 2018, 10, 1315-1324.	1.3	4
7	Genetic screening and functional analysis of <i>CASP9</i> mutations in a Chinese cohort with neural tube defects. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 394-403.	1.9	10
8	Genetic contribution of retinoid-related genes to neural tube defects. <i>Human Mutation</i> , 2018, 39, 550-562.	1.1	24
9	Threshold for neural tube defect risk by accumulated singleton loss-of-function variants. <i>Cell Research</i> , 2018, 28, 1039-1041.	5.7	48
10	Elevated H3K79 homocysteinylation causes abnormal gene expression during neural development and subsequent neural tube defects. <i>Nature Communications</i> , 2018, 9, 3436.	5.8	56
11	Folate deficiency facilitates recruitment of upstream binding factor to hot spots of DNA double-strand breaks of rRNA genes and promotes its transcription. <i>Nucleic Acids Research</i> , 2017, 45, 2472-2489.	6.5	21
12	MARK2/Par1b Insufficiency Attenuates DVL Gene Transcription via Histone Deacetylation in Lumbosacral Spina Bifida. <i>Molecular Neurobiology</i> , 2017, 54, 6304-6316.	1.9	13
13	Quantification of folate metabolites in serum using ultraperformance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 962, 9-13.	1.2	28
14	Different Epigenetic Alterations Are Associated with Abnormal IGF2/Igf2 Upregulation in Neural Tube Defects. <i>PLoS ONE</i> , 2014, 9, e113308.	1.1	16
15	Histone modification mapping in human brain reveals aberrant expression of histone H3 lysine 79 dimethylation in neural tube defects. <i>Neurobiology of Disease</i> , 2013, 54, 404-413.	2.1	44
16	Association of genomic instability, and the methylation status of imprinted genes and mismatch-repair genes, with neural tube defects. <i>European Journal of Human Genetics</i> , 2012, 20, 516-520.	1.4	28
17	Metabolic Signature of Pregnant Women with Neural Tube Defects in Offspring. <i>Journal of Proteome Research</i> , 2011, 10, 4845-4854.	1.8	28
18	Maternal serum vitamin B ₁₂ , folate and homocysteine and the risk of neural tube defects in the offspring in a high-risk area of China. <i>Public Health Nutrition</i> , 2009, 12, 680-686.	1.1	66

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19	Unusual Patterns of Neural Tube Defects in a High Risk Region of Northern China. Biomedical and Environmental Sciences, 2009, 22, 340-344.	0.2	27
20	Simultaneous quantification of 11 pivotal metabolites in neural tube defects by HPLC-electrospray tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 863, 94-100.	1.2	22
21	Neural tube defects and disturbed maternal folate- and homocysteine-mediated one-carbon metabolism. Experimental Neurology, 2008, 212, 515-521.	2.0	51
22	High prevalence of NTDs in Shanxi Province: A combined epidemiological approach. Birth Defects Research Part A: Clinical and Molecular Teratology, 2007, 79, 702-707.	1.6	108
23	A novel LC-MS/MS method for simultaneous analysis of selected fat-soluble vitamins in serum obtained from pediatric patients with pneumonia. Analytical Methods, 0, , .	1.3	2