Ting Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5315587/publications.pdf

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23	660	623188 14	676716 22
papers	citations	h-index	g-index

23	23	23	695
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Maternal serum vitamin B₁₂, folate and homocysteine and the risk of neural tube defects in the offspring in a high-risk area of China. Public Health Nutrition, 2009, 12, 680-686.	1.1	66
3	Elevated H3K79 homocysteinylation causes abnormal gene expression during neural development and subsequent neural tube defects. Nature Communications, 2018, 9, 3436.	5.8	56
4	Neural tube defects and disturbed maternal folate- and homocysteine-mediated one-carbon metabolism. Experimental Neurology, 2008, 212, 515-521.	2.0	51
5	Threshold for neural tube defect risk by accumulated singleton loss-of-function variants. Cell Research, 2018, 28, 1039-1041.	5.7	48
6	Histone modification mapping in human brain reveals aberrant expression of histone H3 lysine 79 dimethylation in neural tube defects. Neurobiology of Disease, 2013, 54, 404-413.	2.1	44
7	Metabolic Signature of Pregnant Women with Neural Tube Defects in Offspring. Journal of Proteome Research, 2011, 10, 4845-4854.	1.8	28
8	Association of genomic instability, and the methylation status of imprinted genes and mismatch-repair genes, with neural tube defects. European Journal of Human Genetics, 2012, 20, 516-520.	1.4	28
9	Quantification of folate metabolites in serum using ultraperformance liquid chromatography tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 962, 9-13.	1.2	28
10	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
11	Genetic contribution of retinoid-related genes to neural tube defects. Human Mutation, 2018, 39, 550-562.	1.1	24
12	Simultaneous quantification of 11 pivotal metabolites in neural tube defects by HPLCâ€“electrospray tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 863, 94-100.	1.2	22
13	Folate deficiency facilitates recruitment of upstream binding factor to hot spots of DNA double-strand breaks of rRNA genes and promotes its transcription. Nucleic Acids Research, 2017, 45, 2472-2489.	6.5	21
14	F-box protein FBXO30 mediates retinoic acid receptor Î³ ubiquitination and regulates BMP signaling in neural tube defects. Cell Death and Disease, 2019, 10, 551.	2.7	18
15	Knowledge and intake of folic acid to prevent neural tube defects among pregnant women in urban China: a cross-sectional study. BMC Pregnancy and Childbirth, 2021, 21, 432.	0.9	17
16	Different Epigenetic Alterations Are Associated with Abnormal IGF2/Igf2 Upregulation in Neural Tube Defects. PLoS ONE, 2014, 9, e113308.	1.1	16
17	miRâ€322 treatment rescues cell apoptosis and neural tube defect formation through silencing NADPH oxidase 4. CNS Neuroscience and Therapeutics, 2020, 26, 902-912.	1.9	14
18	MARK2/Par1b Insufficiency Attenuates DVL Gene Transcription via Histone Deacetylation in Lumbosacral Spina Bifida. Molecular Neurobiology, 2017, 54, 6304-6316.	1.9	13

#	Article	IF	Citations
19	Genetic screening and functional analysis of <scp>CASP</scp>9 mutations in a Chinese cohort with neural tube defects. CNS Neuroscience and Therapeutics, 2018, 24, 394-403.	1.9	10
20	Low folate concentration impacts mismatch repair deficiency in neural tube defects. Epigenomics, 2020, 12, 5-18.	1.0	10
21	Myoneurin regulates BMP signaling by competing with Ppm1a for Smad binding. IScience, 2022, 25, 104495.	1.9	5
22	Development and clinical application of a LC-MS/MS method for simultaneous determination of one-carbon related amino acid metabolites in NTD tissues. Analytical Methods, 2018, 10, 1315-1324.	1.3	4
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