Yunping Lei

List of Publications by Year
in descending order

41 papers	1,007 citations	471371 17 h-index	477173 29 g-index
48 all docs	48 docs citations	48 times ranked	1521 citing authors

#	Article	IF	Citations
1	Disruption of the ATXN1â€“CIC complex causes a spectrum of neurobehavioral phenotypes in mice and humans. Nature Genetics, 2017, 49, 527-536.	9.4	113
2	Mutations in Planar Cell Polarity Gene SCRIB Are Associated with Spina Bifida. PLoS ONE, 2013, 8, e69262.	1.1	67
3	Identification of Novel CELSR1 Mutations in Spina Bifida. PLoS ONE, 2014, 9, e92207.	1.1	66
4	Functional characterization of a promoter polymorphism in APE1/Refâ€1 that contributes to reduced lung cancer susceptibility. FASEB Journal, 2009, 23, 3459-3469.	0.2	65
5	Global DNA hypomethylation is associated with NTDâ€affected pregnancy: A caseâ€control study. Birth Defects Research Part A: Clinical and Molecular Teratology, 2010, 88, 575-581.	1.6	51
6	Formate rescues neural tube defects caused by mutations in Slc25a32. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4690-4695.	3.3	49
7	Gene Environment Interactions in the Etiology of Neural Tube Defects. Frontiers in Genetics, 2021, 12, 659612.	1.1	49
8	Threshold for neural tube defect risk by accumulated singleton loss-of-function variants. Cell Research, 2018, 28, 1039-1041.	5.7	48
9	Rare LRP6 Variants Identified in Spina Bifida Patients. Human Mutation, 2015, 36, 342-349.	1.1	43
10	Genetic analysis of Wnt/PCP genes in neural tube defects. BMC Medical Genomics, 2018, 11, 38.	0.7	43
11	Actuation enhances patterning in human neural tube organoids. Nature Communications, 2021, 12, 3192.	5.8	43
12	Digenic variants of planar cell polarity genes in human neural tube defect patients. Molecular Genetics and Metabolism, 2018, 124, 94-100.	0.5	40
13	Planar cell polarity genes Celsr1 and Vangl2 are necessary for kidney growth, differentiation, and rostrocaudal patterning. Kidney International, 2016, 90, 1274-1284.	2.6	37
14	The TFAP2Aâ€“IRF6â€“GRHL3 genetic pathway is conserved in neurulation. Human Molecular Genetics, 2019, 28, 1726-1737.	1.4	30
15	Variants identified in PTK7 associated with neural tube defects. Molecular Genetics & Genomic Medicine, 2019, 7, e00584.	0.6	29
16	Dominant negative GPR161 rare variants are risk factors of human spina bifida. Human Molecular Genetics, 2019, 28, 200-208.	1.4	28
17	Angiotensinogen Gene M235T and T174M Polymorphisms and Susceptibility of Preâ€Eclampsia: A Metaâ€Analysis. Annals of Human Genetics, 2012, 76, 377-386.	0.3	27
18	Somatic mutations in planar cell polarity genes in neural tissue from human fetuses with neural tube defects. Human Genetics, 2020, 139, 1299-1314.	1.8	21

#	Article	IF	Citations
19	Genetic imprint of the Mongol: signal from phylogeographic analysis of mitochondrial DNA. Journal of Human Genetics, 2008, 53, 905-913.	1.1	14
20	Whole-Exome Sequencing Identifies Damaging de novo Variants in Anencephalic Cases. Frontiers in Neuroscience, 2019, 13, 1285.	1.4	14
21	Loss ofRAD9Bimpairs early neural development and contributes to the risk for human spina bifida. Human Mutation, 2020, 41, 786-799.	1.1	14
22	CIC de novo loss of function variants contribute to cerebral folate deficiency by downregulating FOLR1 expression. Journal of Medical Genetics, 2021, 58, 484-494.	1.5	12
23	Hypermethylation of PI3K-AKT signalling pathway genes is associated with human neural tube defects. Epigenetics, 2022, 17, 133-146.	1.3	11
24	Systems biology analysis of human genomes points to key pathways conferring spina bifida risk. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	11
25	Gene variants in the folate pathway are associated with increased levels of folate receptor autoantibodies. Birth Defects Research, 2018, 110, 973-981.	0.8	10
26	Genome-wide association study in Chinese cohort identifies one novel hypospadias risk associated locus at 12q13.13. BMC Medical Genomics, 2019, 12, 196.	0.7	8
27	Somatic and de novo Germline Variants of MEDs in Human Neural Tube Defects. Frontiers in Cell and Developmental Biology, 2021, 9, 641831.	1.8	8
28	Analysis of archived residual newborn screening blood spots after whole genome amplification. BMC Genomics, 2015, 16, 602.	1.2	7
29	Rare copy number variations of planar cell polarity genes are associated with human neural tube defects. Neurogenetics, 2020, 21, 217-225.	0.7	7
30	New Techniques for the Study of Neural Tube Defects. Advanced Techniques in Biology & Medicine, 2015, 04, .	0.1	6
31	DVL mutations identified from human neural tube defects and Dandy-Walker malformation obstruct the Wnt signaling pathway. Journal of Genetics and Genomics, 2020, 47, 301-310.	1.7	6
32	Approaches to studying the genomic architecture of complex birth defects. Prenatal Diagnosis, 2020, 40, 1047-1055.	1.1	5
33	FKBP8 variants are risk factors for spina bifida. Human Molecular Genetics, 2020, 29, 3132-3144.	1.4	4
34	Maternal Hypertension-Related Genotypes and Congenital Heart Defects. American Journal of Hypertension, 2021, 34, 82-91.	1.0	4
35	Maternal Lactase Polymorphism (rs4988235) Is Associated with Neural Tube Defects in Offspring in the National Birth Defects Prevention Study. Journal of Nutrition, 2019, 149, 295-303.	1.3	3
36	New myotonic dystrophy type 1 mouse model. Cell Research, 2020, 30, 99-100.	5.7	3

#	Article	IF	Citations
37	De novo ALX4 variant detected in child with non-syndromic craniosynostosis. Brazilian Journal of Medical and Biological Research, 2021, 54, e11396.	0.7	2
38	Homozygous Mutation in the MTHFS Gene May Contribute to the Development of Cerebral Folate Deficiency Syndrome. Reproductive and Developmental Medicine, 2020, 4, 72-80.	0.2	2
39	Maternal genetic markers for risk of celiac disease and their potential association with neural tube defects in offspring. Molecular Genetics & Genomic Medicine, 2019, 7, e688.	0.6	1
40	Prevention of neural tube defects by nucleotide precursors in the curly tail mouse. Future Neurology, 2013, 8, 621-623.	0.9	0
41	Interaction between SNPs in folate pathway genes and environment increase neural tube defects risk. Future Neurology, 2014, 9, 397-400.	0.9	0