

Zhen Liu

List of Publications by Year in descending order

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21
papers

517
citations

623734

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752698

20
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21
all docs

21
docs citations

21
times ranked

902
citing authors

#	ARTICLE	IF	CITATIONS
1	UDP-Glucosyltransferase71C5, a Major Glucosyltransferase, Mediates Abscisic Acid Homeostasis in Arabidopsis. <i>Plant Physiology</i> , 2015, 167, 1659-1670.	4.8	139
2	Maternal exposure to arsenic and cadmium and the risk of congenital heart defects in offspring. <i>Reproductive Toxicology</i> , 2016, 59, 109-116.	2.9	59
3	Molecular characterisation of phenylketonuria in a Chinese mainland population using next-generation sequencing. <i>Scientific Reports</i> , 2015, 5, 15769.	3.3	41
4	Establishment and biological characteristics of oxaliplatin-resistant human colon cancer cell lines. <i>Chinese Journal of Cancer</i> , 2010, 29, 661-667.	4.9	34
5	Association between maternal exposure to housing renovation and offspring with congenital heart disease: a multi-hospital case-control study. <i>Environmental Health</i> , 2013, 12, 25.	4.0	32
6	Assessment of interaction between maternal polycyclic aromatic hydrocarbons exposure and genetic polymorphisms on the risk of congenital heart diseases. <i>Scientific Reports</i> , 2018, 8, 3075.	3.3	30
7	Association between maternal aluminum exposure and the risk of congenital heart defects in offspring. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2016, 106, 95-103.	1.6	22
8	Barium exposure increases the risk of congenital heart defects occurrence in offspring. <i>Clinical Toxicology</i> , 2018, 56, 132-139.	1.9	22
9	The Rho GTPase RhoE is a p53-regulated candidate tumor suppressor in cancer cells. <i>International Journal of Oncology</i> , 2014, 44, 896-904.	3.3	21
10	Correlation between genotype and the tetrahydrobiopterin-responsive phenotype in Chinese patients with phenylketonuria. <i>Pediatric Research</i> , 2015, 78, 691-699.	2.3	18
11	Analysis of the genotype-phenotype correlation in patients with phenylketonuria in mainland China. <i>Scientific Reports</i> , 2018, 8, 11251.	3.3	18
12	Molecular genetics of tetrahydrobiopterin deficiency in Chinese patients. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018, 31, 911-916.	0.9	18
13	Modification of the association between maternal smoke exposure and congenital heart defects by polymorphisms in glutathione S-transferase genes. <i>Scientific Reports</i> , 2015, 5, 14915.	3.3	17
14	Peripheral nerve injury induces loss of nociceptive neuron-specific GluR-interacting protein in neuropathic pain rat. <i>Molecular Pain</i> , 2016, 12, 174480691664638.	2.1	17
15	A novel missense NMNAT1 mutation identified in a consanguineous family with Leber congenital amaurosis by targeted next generation sequencing. <i>Gene</i> , 2015, 569, 104-108.	2.2	14
16	Levels of urinary metabolites of benzene compounds, trichloroethylene, and polycyclic aromatic hydrocarbons and their correlations with socioeconomic, demographic, dietary factors among pregnant women in six cities of China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 6278-6293.	5.3	5
17	Maternal trichloroethylene exposure and metabolic gene polymorphisms may interact during fetal cardiovascular malformation. <i>Reproductive Toxicology</i> , 2021, 106, 1-8.	2.9	4
18	The effect on congenital heart diseases of maternal EPHX1 polymorphisms modified by polycyclic aromatic hydrocarbons exposure. <i>Medicine (United States)</i> , 2019, 98, e16556.	1.0	3

#	ARTICLE	IF	CITATIONS
19	Association of maternal disease and medication use with the risk of congenital heart defects in offspring: a case-control study using logistic regression with a random-effects model. <i>Journal of Perinatal Medicine</i> , 2019, 47, 455-463.	1.4	2
20	Risk of congenital heart diseases associated with NAT2 genetic polymorphisms and maternal polycyclic aromatic hydrocarbons exposure. <i>Prenatal Diagnosis</i> , 2019, 39, 968-975.	2.3	1
21	Unintended pregnancy-related factors and the occurrence of offspring congenital heart disease: a multi-site case-control study in China. <i>European Journal of Contraception and Reproductive Health Care</i> , 2021, 26, 221-226.	1.5	0