

Weiming Cao

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

898
citations

430442

18
h-index

525886

27
g-index

48
all docs

48
docs citations

48
times ranked

1696
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagic flux blockage in alveolar epithelial cells is essential in silica nanoparticle-induced pulmonary fibrosis. <i>Cell Death and Disease</i> , 2019, 10, 127.	2.7	67
2	Alcohol drinking and upper aerodigestive tract cancer mortality: A systematic review and meta-analysis. <i>Oral Oncology</i> , 2014, 50, 269-275.	0.8	58
3	Progranulin polymorphism rs5848 is associated with increased risk of Alzheimer's disease. <i>Gene</i> , 2014, 542, 141-145.	1.0	54
4	Associations of urinary polycyclic aromatic hydrocarbons with bone mass density and osteoporosis in U.S. adults, NHANES 2005-2010. <i>Environmental Pollution</i> , 2018, 240, 209-218.	3.7	48
5	Associations of blood metal exposure with thyroid hormones in Chinese pregnant women: A cross-sectional study. <i>Environment International</i> , 2018, 121, 1185-1192.	4.8	36
6	Transcriptional activation of follistatin by Nrf2 protects pulmonary epithelial cells against silica nanoparticle-induced oxidative stress. <i>Scientific Reports</i> , 2016, 6, 21133.	1.6	33
7	Relationships between urinary antimony levels and both mortalities and prevalence of cancers and heart diseases in general US population, NHANES 1999-2010. <i>Science of the Total Environment</i> , 2016, 571, 452-460.	3.9	33
8	Association of long-term sleep habits and hypertension: a cross-sectional study in Chinese adults. <i>Journal of Human Hypertension</i> , 2020, 34, 378-387.	1.0	28
9	Associations of prenatal heavy metals exposure with placental characteristics and birth weight in Hangzhou Birth Cohort: Multi-pollutant models based on elastic net regression. <i>Science of the Total Environment</i> , 2020, 742, 140613.	3.9	28
10	Childhood pesticide poisoning in Zhejiang, China: a retrospective analysis from 2006 to 2015. <i>BMC Public Health</i> , 2017, 17, 602.	1.2	27
11	JNK activation-mediated nuclear SIRT1 protein suppression contributes to silica nanoparticle-induced pulmonary damage via p53 acetylation and cytoplasmic localisation. <i>Toxicology</i> , 2019, 423, 42-53.	2.0	27
12	Toxicity assessment and long-term three-photon fluorescence imaging of bright aggregation-induced emission nanodots in zebrafish. <i>Nano Research</i> , 2016, 9, 1921-1933.	5.8	26
13	Stage-specific prognostic biomarkers in melanoma. <i>Oncotarget</i> , 2015, 6, 4180-4189.	0.8	26
14	Non-linear increase of respiratory diseases and their costs under severe air pollution. <i>Environmental Pollution</i> , 2017, 224, 631-637.	3.7	25
15	Factors affecting the live-birth rate in women with diminished ovarian reserve undergoing IVF-ET. <i>Archives of Gynecology and Obstetrics</i> , 2018, 298, 1017-1027.	0.8	25
16	Using model organism <i>Saccharomyces cerevisiae</i> to evaluate the effects of ELF-EMF and RF-EMF exposure on global gene expression. <i>Bioelectromagnetics</i> , 2012, 33, 550-560.	0.9	23
17	Comparison of access to health services among urban-to-urban and rural-to-urban older migrants, and urban and rural older permanent residents in Zhejiang Province, China: a cross-sectional survey. <i>BMC Geriatrics</i> , 2018, 18, 174.	1.1	23
18	Mobile phone signal exposure triggers a hormesis-like effect in Atm ^{+/+} and Atm ^{Δ^Δ} mouse embryonic fibroblasts. <i>Scientific Reports</i> , 2016, 6, 37423.	1.6	21

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19	Relationships between acrylamide and glycidamide hemoglobin adduct levels and allergy-related outcomes in general US population, NHANES 2005-2006. <i>Environmental Pollution</i> , 2017, 225, 506-513.	3.7	20
20	Second-trimester and third-trimester maternal lipid profiles significantly correlated to LGA and macrosomia. <i>Archives of Gynecology and Obstetrics</i> , 2021, 304, 885-894.	0.8	19
21	Effects of 1800-MHz RF-EMF exposure on DNA damage and cellular functions in primary cultured neurogenic cells. <i>International Journal of Radiation Biology</i> , 2018, 94, 295-305.	1.0	18
22	Prenatal exposure to diesel exhaust PM2.5 programmed non-alcoholic fatty liver disease differently in adult male offspring of mice fed normal chow and a high-fat diet. <i>Environmental Pollution</i> , 2019, 255, 113366.	3.7	18
23	Gender- and age-specific associations between sleep duration and prevalent hypertension in middle-aged and elderly Chinese: a cross-sectional study from CHARLS 2011-2012. <i>BMJ Open</i> , 2016, 6, e011770.	0.8	17
24	Association between maternal blood lipids levels during pregnancy and risk of small-for-gestational-age infants. <i>Scientific Reports</i> , 2020, 10, 19865.	1.6	17
25	Effects of Radiofrequency Electromagnetic Field (RF-EMF) exposure on male fertility and pregnancy and birth outcomes: Protocols for a systematic review of experimental studies in non-human mammals and in human sperm exposed in vitro. <i>Environment International</i> , 2021, 157, 106806.	4.8	17
26	The effects of 50 Hz magnetic field exposure on DNA damage and cellular functions in various neurogenic cells. <i>Journal of Radiation Research</i> , 2017, 58, 474-486.	0.8	13
27	The effects of 50 Hz magnetic field-exposed cell culture medium on cellular functions in FL cells. <i>Journal of Radiation Research</i> , 2019, 60, 424-431.	0.8	12
28	Distinct effects of rs895819 on risk of different cancers: an update meta-analysis. <i>Oncotarget</i> , 2017, 8, 75336-75349.	0.8	12
29	Loss of tumor suppressors KAI1 and p27 identifies a unique subgroup of primary melanoma patients with poor prognosis. <i>Oncotarget</i> , 2015, 6, 23026-23035.	0.8	12
30	RF-EMF exposure at 1800-MHz did not elicit DNA damage or abnormal cellular behaviors in different neurogenic cells. <i>Bioelectromagnetics</i> , 2017, 38, 175-185.	0.9	11
31	Associations of urinary polycyclic aromatic hydrocarbons with age at natural menopause in U.S. women aged 35-65, NHANES 2003-2012. <i>Environmental Pollution</i> , 2018, 243, 1878-1886.	3.7	10
32	Association of blood metal exposure with testosterone and hemoglobin: A cross-sectional study in Hangzhou Birth Cohort Study. <i>Environment International</i> , 2020, 136, 105451.	4.8	10
33	Associations of parental occupational exposure to extremely low-frequency magnetic fields with childhood leukemia risk. <i>Leukemia and Lymphoma</i> , 2016, 57, 2855-2862.	0.6	9
34	Is there association between Glutathione S Transferases polymorphisms and cataract risk: a meta-analysis?. <i>BMC Ophthalmology</i> , 2015, 15, 84.	0.6	8
35	The effects of magnetic fields exposure on relative permittivity of saline solutions measured by a high resolution SPR system. <i>Scientific Reports</i> , 2016, 6, 25111.	1.6	8
36	Ataxia telangiectasia mutated deficiency does not result in genetic susceptibility to 50-Hz magnetic fields exposure in mouse embryonic fibroblasts. <i>Bioelectromagnetics</i> , 2018, 39, 476-484.	0.9	8

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37	Disruption of mitochondrial redox homeostasis as a mechanism of antimony-induced reactive oxygen species and cytotoxicity. <i>Ecotoxicology and Environmental Safety</i> , 2022, 237, 113519.	2.9	8
38	Association between parental occupational exposure to extremely low frequency magnetic fields and childhood nervous system tumors risk: A meta-analysis. <i>Science of the Total Environment</i> , 2018, 642, 1406-1414.	3.9	7
39	Nuclear localization of ING3 is required to suppress melanoma cell migration, invasion and angiogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 418-424.	1.0	7
40	Associations between molybdenum exposure and ultrasound measures of fetal growth parameters: A pilot study. <i>Chemosphere</i> , 2021, 269, 128709.	4.2	7
41	Angiogenin promotes angiogenesis via the endonucleolytic decay of miR-141 in colorectal cancer. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 1010-1022.	2.3	6
42	Assessment of health inequality between urban-to-urban and rural-to-urban migrant older adults in China: a cross-sectional study. <i>BMC Public Health</i> , 2020, 20, 268.	1.2	5
43	Development of prediction models for successful external cephalic version and delivery outcome. <i>Archives of Gynecology and Obstetrics</i> , 2022, 305, 63-75.	0.8	5
44	Global Protein Expression in Response to Extremely Low Frequency Magnetic Fields. <i>Advances in Experimental Medicine and Biology</i> , 2013, 990, 107-110.	0.8	4
45	The Relative Permittivity Changes of EGF by 50â€‰%Hz MF Exposure Neither Affect the Interaction of EGF With EGFR Nor Its Biological Effects. <i>Bioelectromagnetics</i> , 2020, 41, 241-246.	0.9	1
46	The decreased permittivity of zebrafish embryos culture medium by magnetic fields did not affect early development of zebrafish embryos. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110350.	2.9	1
47	Residence near power lines and risk of Alzheimerâ€™s dementia and Parkinsonâ€™s disease. <i>International Journal of Epidemiology</i> , 2020, 49, 700-701.	0.9	0