

Donghai Liang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38

papers

701

citations

16

h-index

26

g-index

47

ext. papers

1,001

ext. citations

7.4

avg, IF

4.15

L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 38 | Effect of exposures to mixtures of lead and various metals on hypertension, pre-hypertension, and blood pressure: A cross-sectional study from the China National Human Biomonitoring.. <i>Environmental Pollution</i> , 2022 , 299, 118864 | 9.3 | 2 |
| 37 | Length of PM exposure and alterations in the serum metabolome among women undergoing infertility treatment.. <i>Environmental Epidemiology</i> , 2022 , 6, e191 | 0.2 | 0 |
| 36 | High-resolution metabolomics of exposure to tobacco smoke during pregnancy and adverse birth outcomes in the Atlanta African American maternal-child cohort. <i>Environmental Pollution</i> , 2022 , 292, 118361 | 9.3 | 3 |
| 35 | Impact of ozone exposure on heart rate variability and stress hormones: A randomized-crossover study. <i>Journal of Hazardous Materials</i> , 2022 , 421, 126750 | 12.8 | 9 |
| 34 | Assessment of metabolic perturbations associated with exposure to phthalates among pregnant African American women. <i>Science of the Total Environment</i> , 2021 , 151689 | 10.2 | 0 |
| 33 | Pesticide residue intake from fruits and vegetables and alterations in the serum metabolome of women undergoing infertility treatment.. <i>Environment International</i> , 2021 , 160, 107061 | 12.9 | 1 |
| 32 | Per- and polyfluoroalkyl substance (PFAS) exposure, maternal metabolomic perturbation, and fetal growth in African American women: A meet-in-the-middle approach. <i>Environment International</i> , 2021 , 158, 106964 | 12.9 | 8 |
| 31 | Estimating climate change-related impacts on outdoor air pollution infiltration. <i>Environmental Research</i> , 2021 , 196, 110923 | 7.9 | 5 |
| 30 | Associations of single and multiple per- and polyfluoroalkyl substance (PFAS) exposure with vitamin D biomarkers in African American women during pregnancy. <i>Environmental Research</i> , 2021 , 202, 111713 | 7.9 | 3 |
| 29 | Application of high-resolution metabolomics to identify biological pathways perturbed by traffic-related air pollution. <i>Environmental Research</i> , 2021 , 193, 110506 | 7.9 | 16 |
| 28 | Reproductive toxicity and metabolic perturbations in male rats exposed to boron. <i>Science of the Total Environment</i> , 2021 , 785, 147370 | 10.2 | 1 |
| 27 | Periconception air pollution, metabolomic biomarkers, and fertility among women undergoing assisted reproduction. <i>Environment International</i> , 2021 , 155, 106666 | 12.9 | 8 |
| 26 | Long-Term Exposure to Low-Level and Mortality among the Elderly Population in the Southeastern United States.. <i>Environmental Health Perspectives</i> , 2021 , 129, 127009 | 8.4 | 4 |
| 25 | Ambient air pollution and sickle cell disease-related emergency department visits in Atlanta, GA. <i>Environmental Research</i> , 2020 , 184, 109292 | 7.9 | 8 |
| 24 | Evaluating a multipollutant metric for use in characterizing traffic-related air pollution exposures within near-road environments. <i>Environmental Research</i> , 2020 , 184, 109389 | 7.9 | 3 |
| 23 | Assessment of Fine-Scale Dispersion Modelling for Near-Road Exposure Applications. <i>Springer Proceedings in Complexity</i> , 2020 , 347-350 | 0.3 | |
| 22 | Urban Air Pollution May Enhance COVID-19 Case-Fatality and Mortality Rates in the United States 2020 , | | 29 |

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| 21 | Dysregulated lipid and fatty acid metabolism link perfluoroalkyl substances exposure and impaired glucose metabolism in young adults. <i>Environment International</i> , 2020 , 145, 106091 | 12.9 | 27 |
| 20 | Urban Air Pollution May Enhance COVID-19 Case-Fatality and Mortality Rates in the United States. <i>Innovation(China)</i> , 2020 , 1, 100047 | 17.8 | 104 |
| 19 | Near-road Vehicle Emissions Air Quality Monitoring for Exposure Modeling. <i>Atmospheric Environment</i> , 2020 , 224, 117318-117318 | 5.3 | 9 |
| 18 | Photochemical impacts on the toxicity of PM2.5. <i>Critical Reviews in Environmental Science and Technology</i> , 2020 , 1-27 | 11.1 | 14 |
| 17 | Perturbations of the arginine metabolome following exposures to traffic-related air pollution in a panel of commuters with and without asthma. <i>Environment International</i> , 2019 , 127, 503-513 | 12.9 | 48 |
| 16 | Shape-dependent toxicity of alumina nanoparticles in rat astrocytes. <i>Science of the Total Environment</i> , 2019 , 690, 158-166 | 10.2 | 30 |
| 15 | Histogram analysis of absolute cerebral blood volume map can distinguish glioblastoma from solitary brain metastasis. <i>Medicine (United States)</i> , 2019 , 98, e17515 | 1.8 | 4 |
| 14 | Errors associated with the use of roadside monitoring in the estimation of acute traffic pollutant-related health effects. <i>Environmental Research</i> , 2018 , 165, 210-219 | 7.9 | 11 |
| 13 | Use of high-resolution metabolomics for the identification of metabolic signals associated with traffic-related air pollution. <i>Environment International</i> , 2018 , 120, 145-154 | 12.9 | 67 |
| 12 | Characterization of Traffic Emissions Exposure Metrics in the Dorm Room Inhalation to Vehicle Emissions (DRIVE) Study. <i>Springer Proceedings in Complexity</i> , 2018 , 523-528 | 0.3 | |
| 11 | Acute pulmonary and inflammatory response in young adults following a scripted car commute. <i>Air Quality, Atmosphere and Health</i> , 2018 , 11, 123-136 | 5.6 | 15 |
| 10 | Hypoxic Preconditioning Maintains GLT-1 Against Transient Global Cerebral Ischemia Through Upregulating Cx43 and Inhibiting c-Src. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 344 | 6.1 | 9 |
| 9 | Particulate metal exposures induce plasma metabolome changes in a commuter panel study. <i>PLoS ONE</i> , 2018 , 13, e0203468 | 3.7 | 28 |
| 8 | Neuroglobin mediates neuroprotection of hypoxic postconditioning against transient global cerebral ischemia in rats through preserving the activity of Na/K ATPases. <i>Cell Death and Disease</i> , 2018 , 9, 635 | 9.8 | 20 |
| 7 | Neuroprotection of hypoxic postconditioning against global cerebral ischemia through influencing posttranslational regulations of heat shock protein 27 in adult rats. <i>Brain Pathology</i> , 2017 , 27, 822-838 | 6 | 21 |
| 6 | Metabolomic profiles of plasma, exhaled breath condensate, and saliva are correlated with potential for air toxics detection. <i>Journal of Breath Research</i> , 2017 , 12, 016008 | 3.1 | 24 |
| 5 | Autophagosome maturation mediated by Rab7 contributes to neuroprotection of hypoxic preconditioning against global cerebral ischemia in rats. <i>Cell Death and Disease</i> , 2017 , 8, e2949 | 9.8 | 39 |
| 4 | Metabolic syndrome and the short-term prognosis of acute ischemic stroke: a hospital-based retrospective study. <i>Lipids in Health and Disease</i> , 2015 , 14, 76 | 4.4 | 18 |

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| 3 | The roles of p38 MAPK/MSK1 signaling pathway in the neuroprotection of hypoxic postconditioning against transient global cerebral ischemia in adult rats. <i>Molecular Neurobiology</i> , 2014 , 49, 1338-49 | 6.2 | 29 |
| 2 | Hypoxia-inducible factor 1 α mediates neuroprotection of hypoxic postconditioning against global cerebral ischemia. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014 , 73, 975-86 | 3.1 | 42 |
| 1 | Activation of Akt/FoxO and inactivation of MEK/ERK pathways contribute to induction of neuroprotection against transient global cerebral ischemia by delayed hypoxic postconditioning in adult rats. <i>Neuropharmacology</i> , 2012 , 63, 873-82 | 5.5 | 40 |