# Hong-bo Li

## List of Publications by Year in Descending Order



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| 70 papers | 2,017 citations | 27 h-index | 43 g-index |
| 71 ext. papers | 2,546 ext. citations | 9.8 avg, IF | 5 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 70 | Cadmium oral bioavailability is affected by calcium and phytate contents in food: Evidence from leafy vegetables in mice. *Journal of Hazardous Materials*, **2022**, 424, 127373 | 12.8 | 2 |
| 69 | Bioimaging of Pb by LA-ICP-MS and Pb isotopic compositions reveal distributions and origins of Pb in wheat grain. *Science of the Total Environment*, **2022**, 802, 149729 | 10.2 | 0 |
| 68 | Influence of Dietary Lipid Type on the Bioavailability of DDT and Its Metabolites in Soil: Mechanisms and Health Implications.. *Environmental Science & Technology*, **2022**, 56, 5102-5110 | 10.3 | 0 |
| 67 | Nickel oral bioavailability in contaminated soils using a mouse urinary excretion bioassay: Variation with bioaccessibility. *Science of the Total Environment*, **2022**, 839, 156366 | 10.2 | 0 |
| 66 | Leaching and Bioavailability of Antimony in PET Bottled Beverages. *Environmental Science & Technology*, **2021**, 55, 15227-15235 | 10.3 | 1 |
| 65 | Coupling in vitro assays with sequential extraction to investigate cadmium bioaccessibility in contaminated soils. *Chemosphere*, **2021**, 132655 | 8.4 | 0 |
| 64 | An interlaboratory evaluation of the variability in arsenic and lead relative bioavailability when assessed using a mouse bioassay. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2021**, 84, 593-607 | 3.2 | 3 |
| 63 | Antibiotic exposure decreases soil arsenic oral bioavailability in mice by disrupting ileal microbiota and metabolic profile. *Environment International*, **2021**, 151, 106444 | 12.9 | 6 |
| 62 | Arsenic bioaccessibility in rice grains via modified physiologically-based extraction test (MPBET): Correlation with mineral elements and comparison with As relative bioavailability. *Environmental Research*, **2021**, 198, 111198 | 7.9 | 2 |
| 61 | In vitro assessments of bioaccessibility and bioavailability of PM trace metals in respiratory and digestive systems and their oxidative potential. *Journal of Hazardous Materials*, **2021**, 409, 124638 | 12.8 | 10 |
| 60 | Lead bioavailability in different fractions of mining- and smelting-contaminated soils based on a sequential extraction and mouse kidney model. *Environmental Pollution*, **2020**, 262, 114253 | 9.3 | 7 |
| 59 | Geogenic nickel exposure from food consumption and soil ingestion: A bioavailability based assessment. *Environmental Pollution*, **2020**, 265, 114873 | 9.3 | 4 |
| 58 | Straw decreased N2O emissions from flooded paddy soils via altering denitrifying bacterial community compositions and soil organic carbon fractions. *FEMS Microbiology Ecology*, **2020**, 96, | 4.3 | 3 |
| 57 | The Influence of Food on the Bioavailability of DDT and Its Metabolites in Soil. *Environmental Science & Technology*, **2020**, 54, 5003-5010 | 10.3 | 9 |
| 56 | Linking elevated blood lead level in urban school-aged children with bioaccessible lead in neighborhood soil. *Environmental Pollution*, **2020**, 261, 114093 | 9.3 | 10 |
| 55 | Pteris vittata coupled with phosphate rock effectively reduced As and Cd uptake by water spinach from contaminated soil. *Chemosphere*, **2020**, 247, 125916 | 8.4 | 8 |
| 54 | Comparison of in vitro models in a mice model and investigation of the changes in Pb speciation during Pb bioavailability assessments. *Journal of Hazardous Materials*, **2020**, 388, 121744 | 12.8 | 6 |

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| 53 | Adverse health effects of lead exposure on physical growth, erythrocyte parameters and school performances for school-aged children in eastern China. *Environment International*, **2020**, 145, 106130 | 12.9 | 7 |
| 52 | In-vitro human lung cell injuries induced by urban PM during a severe air pollution episode: Variations associated with particle components. *Ecotoxicology and Environmental Safety*, **2020**, 206, 111406 | 7 | 14 |
| 51 | Arsanilic acid contributes more to total arsenic than roxarsone in chicken meat from Chinese markets. *Journal of Hazardous Materials*, **2020**, 383, 121178 | 12.8 | 18 |
| 50 | Arsenic, lead, and cadmium bioaccessibility in contaminated soils: Measurements and validations. *Critical Reviews in Environmental Science and Technology*, **2020**, 50, 1303-1338 | 11.1 | 30 |
| 49 | Oral Bioavailability of As, Pb, and Cd in Contaminated Soils, Dust, and Foods based on Animal Bioassays: A Review. *Environmental Science & Technology*, **2019**, 53, 10545-10559 | 10.3 | 28 |
| 48 | As, Cd, and Pb relative bioavailability in contaminated soils: Coupling mouse bioassay with UBM assay. *Environment International*, **2019**, 130, 104875 | 12.9 | 13 |
| 47 | Investigating Lead Species and Bioavailability in Contaminated Soils: Coupling DGT Technique with Artificial Gastrointestinal Extraction and in Vivo Bioassay. *Environmental Science & Technology*, **2019**, 53, 5717-5724 | 10.3 | 5 |
| 46 | Seasonal Levels, Sources, and Health Risks of Heavy Metals in Atmospheric PM2.5 from Four Functional Areas of Nanjing City, Eastern China. *Atmosphere*, **2019**, 10, 419 | 2.7 | 19 |
| 45 | Antagonistic Interactions between Arsenic, Lead, and Cadmium in the Mouse Gastrointestinal Tract and Their Influences on Metal Relative Bioavailability in Contaminated Soils. *Environmental Science & Technology*, **2019**, 53, 14264-14272 | 10.3 | 10 |
| 44 | An interventional study of rice for reducing cadmium exposure in a Chinese industrial town. *Environment International*, **2019**, 122, 301-309 | 12.9 | 16 |
| 43 | Arsenic Concentrations, Speciation, and Localization in 141 Cultivated Market Mushrooms: Implications for Arsenic Exposure to Humans. *Environmental Science & Technology*, **2019**, 53, 503-511 | 10.3 | 21 |
| 42 | Pulmonary bioaccessibility of trace metals in PM from different megacities simulated by lung fluid extraction and DGT method. *Chemosphere*, **2019**, 218, 915-921 | 8.4 | 28 |
| 41 | Application of Oral Bioavailability to Remediation of Contaminated Soils: Method Development for Bioaccessible As, Pb, and Cd **2018**, 189-216 | | |
| 40 | Straw enhanced CO2 and CH4 but decreased N2O emissions from flooded paddy soils: Changes in microbial community compositions. *Atmospheric Environment*, **2018**, 174, 171-179 | 5.3 | 35 |
| 39 | Metals in paints on chopsticks: Solubilization in simulated saliva, gastric, and food solutions and implication for human health. *Environmental Research*, **2018**, 167, 299-306 | 7.9 | 6 |
| 38 | Food influence on lead relative bioavailability in contaminated soils: Mechanisms and health implications. *Journal of Hazardous Materials*, **2018**, 358, 427-433 | 12.8 | 15 |
| 37 | Coupling bioavailability and stable isotope ratio to discern dietary and non-dietary contribution of metal exposure to residents in mining-impacted areas. *Environment International*, **2018**, 120, 563-571 | 12.9 | 23 |
| 36 | Biochar decreases nitrogen oxide and enhances methane emissions via altering microbial community composition of anaerobic paddy soil. *Science of the Total Environment*, **2017**, 581-582, 689-696 | 10.2 | 60 |

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| 35 | Applying Cadmium Relative Bioavailability to Assess Dietary Intake from Rice to Predict Cadmium Urinary Excretion in Nonsmokers. *Environmental Science & Technology*, **2017**, 51, 6756-6764 | 10.3 | 37 |
| 34 | Mechanisms of efficient As solubilization in soils and As accumulation by As-hyperaccumulator Pteris vittata. *Environmental Pollution*, **2017**, 227, 569-577 | 9.3 | 49 |
| 33 | Arsenic Relative Bioavailability in Rice Using a Mouse Arsenic Urinary Excretion Bioassay and Its Application to Assess Human Health Risk. *Environmental Science & Technology*, **2017**, 51, 4689-4696 | 10.3 | 38 |
| 32 | Lead relative bioavailability in soils based on different endpoints of a mouse model. *Journal of Hazardous Materials*, **2017**, 326, 94-100 | 12.8 | 15 |
| 31 | Mineral Dietary Supplement To Decrease Cadmium Relative Bioavailability in Rice Based on a Mouse Bioassay. *Environmental Science & Technology*, **2017**, 51, 12123-12130 | 10.3 | 24 |
| 30 | Thyrotoxicity of arsenate and arsenite on juvenile mice at organism, subcellular, and gene levels under low exposure. *Chemosphere*, **2017**, 186, 580-587 | 8.4 | 13 |
| 29 | Effect of phosphate amendment on relative bioavailability and bioaccessibility of lead and arsenic in contaminated soils. *Journal of Hazardous Materials*, **2017**, 339, 256-263 | 12.8 | 34 |
| 28 | Biochar increases arsenic release from an anaerobic paddy soil due to enhanced microbial reduction of iron and arsenic. *Environmental Pollution*, **2017**, 220, 514-522 | 9.3 | 98 |
| 27 | A label-free and portable graphene FET aptasensor for children blood lead detection. *Scientific Reports*, **2016**, 6, 21711 | 4.9 | 70 |
| 26 | Temporal dynamics of urbanization-driven environmental changes explored by metal contamination in surface sediments in a restoring urban wetland park. *Journal of Hazardous Materials*, **2016**, 309, 228-35 | 12.8 | 12 |
| 25 | Arsenic Relative Bioavailability in Contaminated Soils: Comparison of Animal Models, Dosing Schemes, and Biological End Points. *Environmental Science & Technology*, **2016**, 50, 453-61 | 10.3 | 39 |
| 24 | Lead Relative Bioavailability in Lip Products and Their Potential Health Risk to Women. *Environmental Science & Technology*, **2016**, 50, 6036-43 | 10.3 | 17 |
| 23 | Influence of pollution control on lead inhalation bioaccessibility in PM2.5: A case study of 2014 Youth Olympic Games in Nanjing. *Environment International*, **2016**, 94, 69-75 | 12.9 | 54 |
| 22 | Using the SBRC Assay to Predict Lead Relative Bioavailability in Urban Soils: Contaminant Source and Correlation Model. *Environmental Science & Technology*, **2016**, 50, 4989-96 | 10.3 | 23 |
| 21 | Assessment of cadmium bioaccessibility to predict its bioavailability in contaminated soils. *Environment International*, **2016**, 94, 600-606 | 12.9 | 51 |
| 20 | Mechanisms of arsenic disruption on gonadal, adrenal and thyroid endocrine systems in humans: A review. *Environment International*, **2016**, 95, 61-8 | 12.9 | 50 |
| 19 | In vitro bioaccessibility and in vivo relative bioavailability in 12 contaminated soils: Method comparison and method development. *Science of the Total Environment*, **2015**, 532, 812-20 | 10.2 | 35 |
| 18 | Comparison of arsenic bioaccessibility in housedust and contaminated soils based on four in vitro assays. *Science of the Total Environment*, **2015**, 532, 803-11 | 10.2 | 27 |

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| 17 | Short-term exposure of arsenite disrupted thyroid endocrine system and altered gene transcription in the HPT axis in zebrafish. *Environmental Pollution*, **2015**, 205, 145-52 | 9.3 | 21 |
| 16 | Variability in responses of bacterial communities and nitrogen oxide emission to urea fertilization among various flooded paddy soils. *FEMS Microbiology Ecology*, **2015**, 91, | 4.3 | 20 |
| 15 | Arsenic extraction and speciation in plants: Method comparison and development. *Science of the Total Environment*, **2015**, 523, 138-45 | 10.2 | 29 |
| 14 | Bacterial community composition at anodes of microbial fuel cells for paddy soils: the effects of soil properties. *Journal of Soils and Sediments*, **2015**, 15, 926-936 | 3.4 | 41 |
| 13 | Childhood lead exposure in an industrial town in China: coupling stable isotope ratios with bioaccessible lead. *Environmental Science & Technology*, **2015**, 49, 5080-7 | 10.3 | 32 |
| 12 | Arsenic bioaccessibility in contaminated soils: Coupling in vitro assays with sequential and HNO3 extraction. *Journal of Hazardous Materials*, **2015**, 295, 145-52 | 12.8 | 42 |
| 11 | Lead bioaccessibility in 12 contaminated soils from China: Correlation to lead relative bioavailability and lead in different fractions. *Journal of Hazardous Materials*, **2015**, 295, 55-62 | 12.8 | 76 |
| 10 | Effect of lead pollution control on environmental and childhood blood lead level in Nantong, China: an interventional study. *Environmental Science & Technology*, **2014**, 48, 12930-6 | 10.3 | 43 |
| 9 | Correlation of in vivo relative bioavailability to in vitro bioaccessibility for arsenic in household dust from China and its implication for human exposure assessment. *Environmental Science & Technology*, **2014**, 48, 13652-9 | 10.3 | 30 |
| 8 | Assessment of in vitro lead bioaccessibility in house dust and its relationship to in vivo lead relative bioavailability. *Environmental Science & Technology*, **2014**, 48, 8548-55 | 10.3 | 81 |
| 7 | Spatial distribution and historical records of mercury sedimentation in urban lakes under urbanization impacts. *Science of the Total Environment*, **2013**, 445-446, 117-25 | 10.2 | 22 |
| 6 | The effects of mariculture activities on the adsorption/desorption and chemical fractionations of mercury on sediments. *Marine Pollution Bulletin*, **2012**, 64, 836-43 | 6.7 | 16 |
| 5 | Incorporating bioaccessibility into human health risk assessments of heavy metals in urban park soils. *Science of the Total Environment*, **2012**, 424, 88-96 | 10.2 | 303 |
| 4 | Urbanization increased metal levels in lake surface sediment and catchment topsoil of waterscape parks. *Science of the Total Environment*, **2012**, 432, 202-9 | 10.2 | 52 |
| 3 | Contamination, source, and input route of polycyclic aromatic hydrocarbons in historic wastewater-irrigated agricultural soils. *Journal of Environmental Monitoring*, **2012**, 14, 3076-85 | | 14 |
| 2 | Diversity and Characterization of Potential H2-Dependent Fe(III)-Reducing Bacteria in Paddy Soils. *Pedosphere*, **2012**, 22, 673-680 | 5 | 8 |
| 1 | Contamination and source differentiation of Pb in park soils along an urban-rural gradient in Shanghai. *Environmental Pollution*, **2011**, 159, 3536-44 | 9.3 | 82 |