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黄立辉

1. 教育背景
2006.9-2012.9 博士研究生，环境健康
Environmental and Occupational Health Science Institute (EOHSI)
Robert Wood Johnson Medical School, Rutgers, the State University of New Jersey, New Brunswick, NJ
美国罗特格斯大学(新泽西州州立大学)罗伯特伍德强生医学院 环境与职业健康研究所

2004.9-2006.7 硕士研究生，环境科学与工程，清华大学

2000.9-2004.7 本科学士，环境化学，南京大学

2. 工作经历
2015.6 起 长安大学环境科学与工程学院 环境工程系 副教授 硕士生导师
2013.5-2015.6 清华大学建筑学院 助理研究员
2013.5-2015.6 清华大学公共健康研究中心 访问学者

主要研究领域和方向

1. 城市大气颗粒物污染特征
2. 室内半挥发性有机物的人群暴露特征及健康效应
3. 室内挥发性有机物污染特征和源解析

学术成果

代表性论文

Huang LH*, Qiao YQ, Deng SX, Zhou MM, Zhao WP, Yue Y. Airborne phthalates in indoor environment: partition state and influential built environmental conditions. Chemosphere (2020), 254: 126782 (环境化学领域顶级期刊，1区)

乔雅绮 黄立辉* 住宅室内降尘中邻苯二甲酸酯的污染特征及传输途径[J]. 环境化学, 2020, 39(6):1523-1529

Huang LH*, Qian H, Deng SX, Guo JF, Li YP, Zhao WP, Yue Y. Urban residential indoor volatile organic compounds in summer, Beijing: profile, concentration and source characterization, Atmospheric Environment 188 (2018):1-11，DOI 10.1016/j.atmosenv.2018.06.009 (大气污染领域顶级期刊, JCR 1 区)

Huang LH*, Pu ZN, Li M., Sundell J. Characterizing the indoor-outdoor relationship of fine particulate matter in non-heating season for urban residences in Beijing, PLoS ONE, 2015, 10(9): e0138559 (SCI, IF=3.057，JCR 1 区)

Huang LH*, Hopke P., Zhao WP, Li M. Determinants on Ambient PM2.5 Infiltration in Non-Heating Season for Urban Residences in Beijing: Building Characteristics, Interior Surface Coverings and Human Behavior. Atmospheric Pollution Research，6 (2015): 1046-1054 (SCI, IF=1.401)

Huang LH, Fan ZH*, Yu CH, Hopke P., Lioy P., Buckley B., Lin L., Ma YJ. Inter-conversion of Chromium Species during Air Sampling: Effects of O3, NO2, SO2, Particle Matrices, Temperature and Humidity. Environmental Science & Technology, 47 (2013): 4408−4415. (SCI, IF= 5.393，环境科学与工程领域综合性顶级期刊，中科院1区，JCR 1 区)

Huang LH, Yu CH, Hopke P., Shin JY, Fan ZH*. Trivalent Chromium Solubility and its Influence on Quantification of Hexavalent Chromium in Ambient Particulate Matter using USEPA 6800 Method. Journal of the Air & Waste Management Association, 64(2014):1439-1445. (SCI, IF=1.613)

Huang LH, Yu CH, Hopke P., Lioy P., Buckley B., Shin JY, Fan ZH*. “Measurement of Soluble and Total Hexavalent Chromium in the Ambient Airborne Particles in New Jersey”, Aerosol and Air Quality Research, 14 (2014):1939-1949. (SCI, IF=2.393，JCR 2 区)

Huang LH, Mo JH, Sundell J, Fan ZH, Zhang YP*. Health Risk Assessment of Inhalation Exposure to Formaldehyde and Benzene in Newly Remodeled Buildings, Beijing. PLoS ONE, 8 (2013), 11: e79553. (SCI, IF=3.057，JCR 1 区)

Yu CH, Huang LH, Fan ZH*, Shin JY, Artigas F. Characterization of Concentration, Particle Size Distribution and Contributing Factors to Ambient Hexavalent Chromium in a Heavy Diesel-trafficked Area. Atmospheric Environment, 94 (2014): 701-708. (SCI, IF= 3.459)

Meng QY, Fan ZH*, Buckley B., Lin L., Huang LH, Stiles R., Bonanno L. Development and Evaluation of a Sampling and Analytic Method for the Measurement of Hexavalent Chromium in Ambient Air. Atmospheric Environment, 45 (2011): 2021-2027 (SCI, IF= 4.330)

Meng QY, Fan ZH*, Buckley B., Lin L., Huang LH, Stiles R., Bonanno L. Development and Evaluation of a Sampling and Analytic Method for the Measurement of Hexavalent Chromium in Ambient Air. Atmospheric Environment, 45 (2011): 2021-2027. (SCI, IF=3.459)

Lin L., Fan ZH*, Zhu XL, Huang LH, Bonanno L. Characterization of Atmospheric Polycyclic Aromatic Hydrocarbons in a Mixed-use Urban Community in Paterson NJ: Concentrations and Sources. Journal of the Air & Waste Management Association, 61 (2011): 631-639. (SCI, IF=1.401)

参与项目

2018.09-2019.09 一带一路教科文卫引智计划 基于深度机器学习的关中地区交通污染模式研究 (总经费 31.5万，主持）
2017.01-2019.12 国家自然科学基金-青年项目 学龄前儿童住宅室内邻苯二甲酸酯环境暴露特征研究 (主持人，总经费23万元，在研)
2016.01-2017.12 陕西省科技支撑计划-青年项目 城市儿童住宅室内邻苯二甲酸酯暴露评估及健康风险评价 (主持人，总经费4万元，在研)
2016.01-2017.12 中央高校基本科研业务经费 影响邻苯二甲酸酯人群暴露评估准确性的关键参数不确定性研究 (主持人，总经费5万元，在研)
2014.09-2015.05 中国博士后面上基金 北京城区住宅室内挥发性有机物污染暴露、癌症风险评估以及风险源识别 (主持人，总经费5万元，已结题)

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