

长安大学环工学院 >> 环境工程系 >> 陈宇云



陈宇云

陈宇云，男，理学博士，副教授，硕士生导师。2008年3月毕业于浙江大学，获环境科学博士学位。主持国家自然科学基金青年项目1项（项目编号：41302206），陕西省自然科学基金面上项目2项（项目编号：2018JM4039, 2014JM5204），重点实验室开放基金2项，中央高校基金项目3项。迄今累计在国内外刊物上发表SCI论文多篇。

主要研究领域和方向

污染物多介质环境过程和水土环境监测分析

学术成果

近期发表的相关科研成果

1. Yuyun Chen , Junqin Zhang¹, Yanxia Dong, et al. Phenolic Compounds in Water, Suspended Particulate Matter and Sediment from Weihe River in Northwest China. *Water Science & Technology*, 已接收。
2. Yuyun Chen, Yanxia Dong, Ting Duan, et al. Polycyclic aromatic hydrocarbons in Weihe River, a typical river in arid and semi-arid region of Northwest China: trends of pollution and risk. *Pol. J. Environ. Stud.* 2021, 30(2):1573–1583.
3. Yuyun Chen, Yiqiang Zhou. The contents and release behavior of heavy metals in construction and demolition waste used in freeway construction. *Environ. Sci. Pollut. Res.* 2020, 27: 1078 – 1086.
4. Yuyun Chen, Ruijia, Shengke Yang. Distribution and Source of Polycyclic Aromatic Hydrocarbons (PAHs) in Water Dissolved Phase, Suspended Particulate Matter and Sediment from Weihe River in Northwest China. *Int. J. Environ. Res. Public Health*, 2015, 12: 14148-14163
5. Yuyun Chen, Weiping Yang. Pharmacokinetic study of metoprolol in rabbit blood by capillary electrophoreses with laser-induced fluorescence detection. *Journal of Analytical Chemistry*, 2012, 67, 574-578
6. Yuyun Chen, Weiping Yang, Zhujun Zhang. Determination of metoprolol in rabbit blood using capillary electrophoresis with laser-induced fluorescence detection. *Chinese Chemical Letters* 2011, 22, 350–353
7. Yuyun Chen, Weiping Yang. Pharmacokinetic study of atenolol in rabbit blood by capillary electrophoreses with laser-induced fluorescence detection. *Asian Journal of Chemistry*, 2011, 23, 3958-3960
8. Yuyun Chen, Lizhong Zhu, Rongbing Zhou. Characterization and distribution of polycyclic aromatic hydrocarbon in surface water and sediment from Qiantang River, China. *Journal of Hazardous Materials*, 2007, 141, 148-155
9. Yuyun Chen, Wei Wang, Weiping Yang, Zhujun Zhang. Carboxymethyl- β -cyclodextrin for Chiral Separation of Amino Acids Derivatized with Fluorescence-5- isothiocyanate by Capillary Electrophoresis and Laser-induced Fluorescence Detection. *Chinese Chemical Letters* 2004, 15, 112– 114
10. Yuyun Chen, Shengke Yang. Levels of Toxic Elements in Fish from Fishing Ground using Geothermal Water in Guanzhong Basin, China.

Advanced Materials Research, 2012, Vols. 573-574 , 654-658

11.Yuyun Chen, Lizhong Zhu. Removal efficiency of polycyclic aromatic hydrocarbons (PAHs) by different purified water techniques in Hangzhou, China. 2011 International Symposium on Water Resources and Environmental Protection (ISWREP 2011) Xi'an, China

12.Lizhong Zhu, Yuyun Chen, Rongbing Zhou. Distribution of polycyclic aromatic hydrocarbons in water, sediment and soil in drinking water resource of Zhejiang Province, China. Journal of Hazardous Materials, 2008, 150, 308-316)

13.Shengke Yang, Yuyun Chen. Synergistic effects of chelating precipitation and flocculation on removal of cadmium-ammine ion from aqueous solutions. Fresenius Environmental Bulletin, 2011, 20, 3235-3240

14.Rongbing Zhou, Lizhong Zhu, Kun Yang, Yuyun Chen. Distribution of organochlorine pesticides in surface water and sediments from QiantangRiver, East China. Journal of Hazardous Materials, 2006, 137, 68-75

15.Rongbing Zhou, Lizhong Zhu, Yuyun Chen, Qingxia Kong. Concentration and characteristic of organochlorine pesticides in aquatic biota from Qiantang River, China. Environmental Pollution, 2008, 15, 190-199

16.Rongbing Zhou, Lizhong Zhu, Yuyun Chen. Level and source of organochlorine pesticides in surface water of the QiantangRiver, East China. Environmental Monitoring and Assessment, 2008, 136, 277-287

17.陈宇云, 贾瑞, 杨胜科等. 建筑垃圾中镉和砷的释放特征研究. 环境科学与技术, 2016, 39(9), 50-55.

18.陈宇云, 李伟, 贾瑞. 超高效液相色谱法分离测定环境空气中酚类化合物. 应用化工, 2017, 46(3), 589-591

19.陈宇云, 朱利中. 杭州市多环芳烃的干、湿沉降. 生态环境学报, 2010, 19, 1720-1723

参与项目

主持项目

(1) 国家自然科学基金: 溶解态有机质驱动下多环芳烃在河流悬浮物中吸附/解吸机制(41302206), 2014.01-2016.12

(2) 中央高校高新技术培育项目: 盐碱化对西北旱区农业土壤中PAHs赋存状态及生物有效性的影响机理(2019.01-2020.12)

(3) 陕西省自然科学基金: 典型有毒有机污染物在河床交互带的地球化学行为及影响因素(2018JM4039,2018.01-2019.12)

(4) 陕西省自然科学基金: 腐殖质驱动下多环芳烃在河流悬浮物中行为特征研究(2014JM5204), 2014.5 -2016.4, 已结题。

(5) 陕西省矿产资源勘查与综合利用重点实验室开放基金: 起泡剂存在下浮选废水中黄药的环境归宿研究, 2015.1-2015.12

(6) 教育部地下水文与生态效应重点实验室开放基金: 溶解态有机质驱动下多环芳烃在河流悬浮物中吸附/解吸机制, 已结题

(7) 中央高校基本科研业务费资助项目: 渭河河流-地下水交互带中多环芳烃的迁移转化规律研究(310829161001), 2016.1-2017.12

(8) 中央高校基本科研业务费资助项目: 邻苯二甲酸酯在渭河沉积物垂直方向上迁移机理的模拟研究(CHD2011JC058), 已结题。

参与项目

(1) 国家自然科学基金: 浅层地下水中胶体对有机氯农药运移的影响机理(41072185, 排名第3), 起止时间为2011-2013年。

(2) 国家自然科学基金: 渭河河床沉积物对PPCPs的阻滞与释放作用研究(41372259, 排名第2), 2014-2017年。

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