


山东师范大学地理与环境学院

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张军龙，陕西咸阳人，中共党员，讲师，西北大学与澳大利亚联邦科学与工业组织联合培养博士。

主要研究领域和研究方向为水文水资源水生态、全球与区域水文学。近年来，主要从事于潜流带水交换过程的机理、基流分割方法改进及过程模拟的研究。针对渭河流域研究了渭河流域水交换的时空演变规律，为渭河流域的生态恢复和水资源管理提供参考；以澳大利亚东部五个流域作为主要研究流域，对现有的几种主要的非示踪基流分割方法进行系统评价和改进，为较为准确的进行基流分割提供了科学依据；根据流域属性建立了澳大利亚大陆尺度的基流指数预测模型。已在《Journal of Hydrology》、《Water Resources Research》、《Journal of Environmental Management》、《Ecological Indicators》、《环境科学学报》等刊物发表学术论文 20 余篇。

参与的科研项目

- [1] 山东省自然科学基金 (ZR2019BD059): 华北地区山地流域基流特征研究 2019.07-2022.06.主持。
- [2] 中国博士后科学基金 (2018M642692): 山地流域植被对基流过程影响研究 2019.01-2021.01.主持。
- [3] 国家自然科学基金 (51379175): 北方河流潜流带水交换变化机理与数值模拟 2014.09-2017.12.参与。
- [4] 中国教育部与澳大利亚联邦科学与工业组织合作项目 (201506970014): 河川基流分割与模拟等流域水循环基础理论研究 2015.10-2017.11.参与。

代表性学术论文

- [1] **Zhang, J.**, Song, J., Cheng, L., Zheng, H., Wang, Y., Huai, B., Sun, W., Qi, S., Zhao, P., Wang, Y., Li, Q., 2019. Baseflow estimation for catchments in the Loess Plateau, China. *Journal of Environmental Management*, 233: 264-270. DOI:10.1016/j.jenvman.2018.12.040.
- [2] **Zhang, J.**, Zhang, Y., Song, J., Cheng, L., 2017. Evaluating relative merits of four baseflow separation methods in Eastern Australia. *Journal of Hydrology* (549): 252-263. DOI:10.1016/j.jhydrol.2017.04.004.
- [3] **Zhang, J.**, Song, J., Long, Y., Kong, F., Wang, L., Zhang, Y., Li, Q., Wang, Y., Hui, Y., 2017. Seasonal variability of hyporheic water exchange of the Weihe River in Shaanxi Province, China.

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