LIST OF PUBLICATIONS

- **Xuejing Kang**†, Bo Hu, Mayang Christy Perdana, Yongsheng Zhao*, Zhongbing Chen*. Extreme learning machine models for predicting the n-octanol/water partition coefficient (K_{ow}) data of organic compounds [J]. *Journal of Environmental Chemical Engineering*, 2022, 108552

- **Xuejing Kang**†, Yongsheng Zhao*, Hongzhong Zhang, Zhongbing Chen*. Application of atomic electrostatic potential descriptors for predicting the eco-toxicity of ionic liquids towards leukemia rat cell line [J]. *Chemical Engineering Science*, 2022, 260: 117941

- **Xuejing Kang**†, Yongsheng Zhao†, *, and Zhongbing Chen*. "Atom surface fragment contribution method for predicting the toxicity of ionic liquids." *Journal of Hazardous Materials*, 2022, 421: 126705

- **Xuejing Kang**†, Zuopeng Lv†, Zhongbing Chen*, Yongsheng Zhao*. Assessing the ecotoxicity of ionic liquids on *Vibrio fischeri* using electrostatic potential descriptors[J]. *Journal of Hazardous Materials*, 2020, 397: 122761

- **Xuejing Kang**†, Zuopeng Lv†, Zhongbing Chen*, Yongsheng Zhao*. A QSPR model for estimating Henry's law constant of H2S in ionic liquids by ELM algorithm[J]. *Chemosphere*, 2021, 269: 128743

- **Xuejing Kang**†, Zuopeng Lv†, Zhongbing Chen*, Yongsheng Zhao*.Prediction of ammonia absorption in ionic liquids based on extreme learning machine modelling and a novel molecular descriptor S_{EP}[J]. *Environmental Research*, 2020, 189: 109951