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He received his Ph.D. degree in chemical engineering from Dalian University of Technology in 2013. His current research interests include functional polymer materials, intelligent polymer materials and membrane separation technology. His work has been published on refereed journals including *Water Research*, *Desalination*, *Separation and Purification Technology*, *Chinese Journal of Chemical Engineering*, *Desalination and Water Treatment*. He served as a reviewer for a number of international refereed academic journals. He is the principal investigator of two research projects.

### **Publication**

[1] **Yuanfa Liu\***, Xin Luo, Gaohong He, Yue Yu, Jing Guo, Yumei Gong, Hong Zhang, CFD study on the effect of baffle arrangements on flow

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- [11] Ming Tan, Gaohong He\*, Xiangcun Li, **Yuanfa Liu**, Jinghai Feng, Prediction of the effects of preparation conditions on pervaporation performances of polydimethylsiloxane(PDMS)/ceramic composite membranes by backpropagation neural network and genetic algorithm, *Separation and purification technology*. 2012, 89:142-146. (SCI,

IF=3.299)

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