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Liang Hao^{a,1}, Junbin Liao^{a,1}, Yuliang Jiang^a, Jiajie Zhu^a, Jian Li^b, Yan Zhao^b, Bart Van der Bruggen^b, Arcadio Sotto^c, Jiangnan Shen^{a,*}

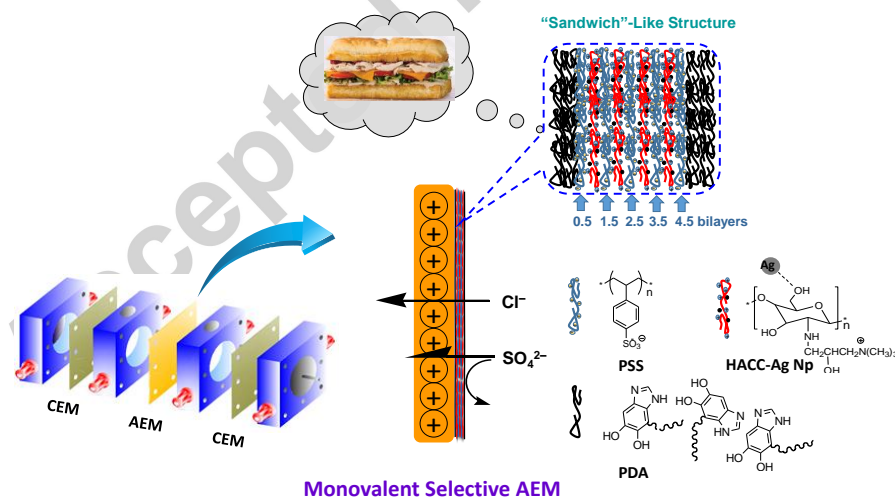
^aCenter for Membrane Separation and Water Science & Technology, Ocean College, Zhejiang University of Technology, Hangzhou 311126, P. R. China

^bDepartment of Chemical Engineering, KU Leuven, Celestijnenlaan 200F, B-3001 Leuven, Belgium

^cSchool of Experimental Science and Technology, ESCET, Rey Juan Carlos University, Móstoles, Madrid, Spain

*Corresponding Author.

shenj@zjut.edu.cn



Graphic Abstract: The schematic of “sandwich”-like structure modified AEM for Electrodialysis (ED).

¹Contributed Equally to This Work.

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