

Supporting Information

A High Flexibility All-Solid Contact Sulfide Selective Electrode Using a Graphene Transducer

Xiangyi Ye ^{a,b,c,d}, Peng Qi ^{a,c,d}, Yan Sun ^{a,c,d}, Dun Zhang* ^{a,c,d} and Yan Zeng ^{a,c,d}

a. CAS Key Laboratory of Marine Environmental Corrosion and Bio-fouling, Institute of Oceanology, Chinese Academy of Science, Qingdao 266071, China.

b. University of Chinese Academy of Sciences, Beijing 100049, China.

c. Qingdao National Laboratory for Marine Science and Technology, Qingdao 266237, China.

d. Center for Ocean Mega-Science, Chinese Academy of Science, Qingdao 266071, China.

* Corresponding authors, Dun Zhang (zhangdun@qdio.ac.cn) and Peng Qi (qipeng@qdio.ac.cn)

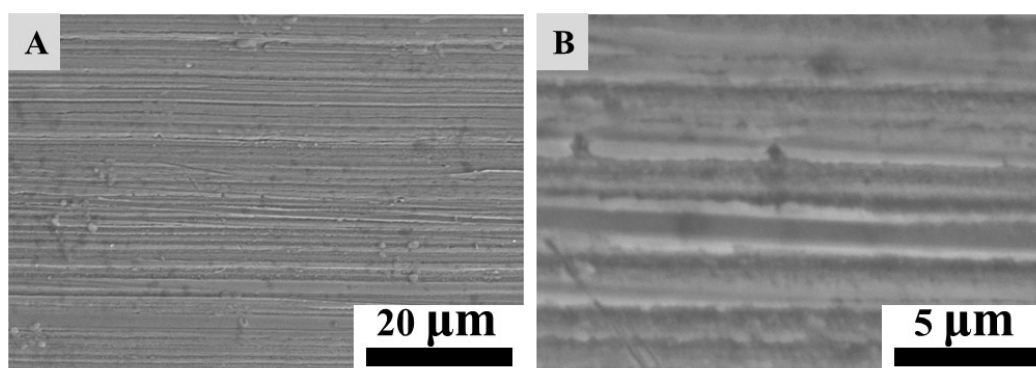


Fig. S1 SEM morphology of bare Ag wire with different magnification sizes

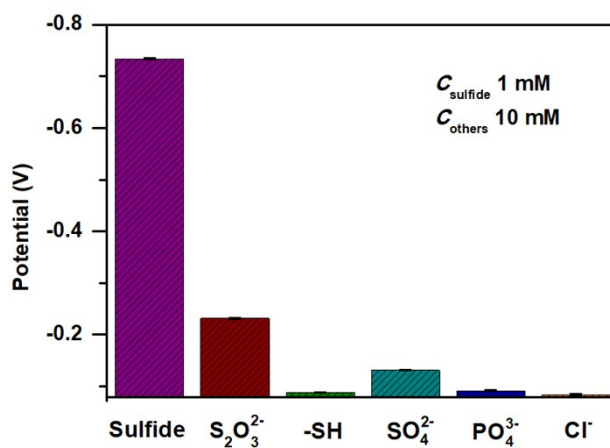


Fig. S2 Response potential of the ASC-ISEs in sulfide and interfering ion aqueous solutions.