

Bi₂Se₃ nanostructured thin films as perspective anodes for aqueous rechargeable lithium-ion batteries

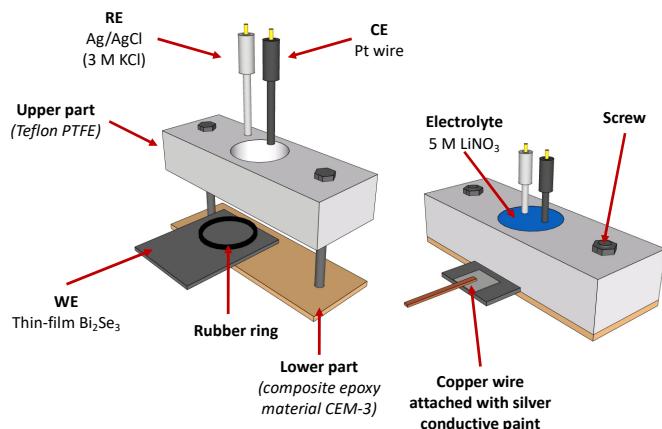
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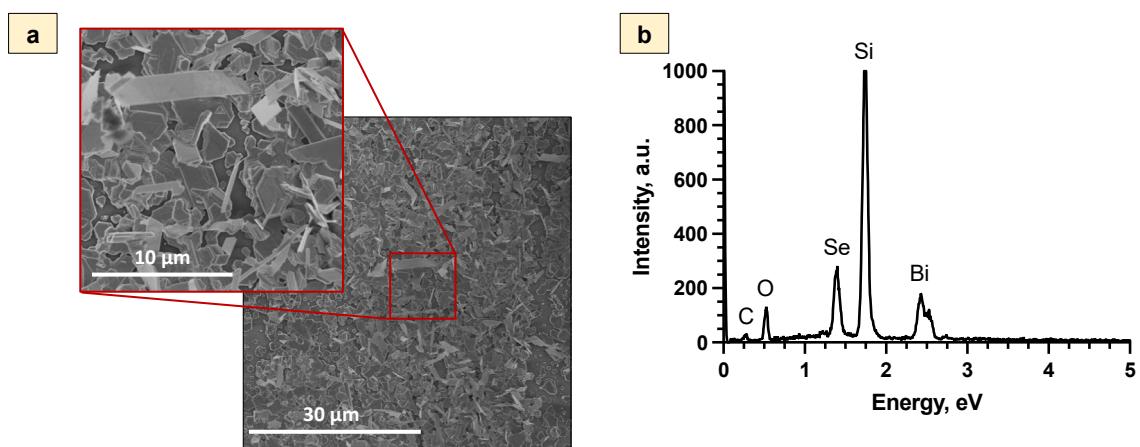
Supplementary information



Supplementary Figure S1. Laboratory-made 3-electrode electrochemical cell system.

Electrochemical testing information, that is not mentioned in the manuscript main file:

- Mass of the electrode: 5.5×10^{-5} g
- Electrode area: 0.19 cm²
- Counter electrode: 1 cm long Pt wire with 0.5 mm diameter
- Charge/Discharge program: combination of CC and CV.
- Density of the electrode: 7.47 g cm⁻³ (Density of Bi₂Se₃)



Supplementary Figure S2. As-synthesized Bi_2Se_3 thin film on the glass substrate: a – SEM image, b – EDX spectrum.