

Article

Rationally Designed Ternary Deep Eutectic Solvent Enabling Higher Performance for Non-Aqueous Redox Flow Batteries

Ping Lu ^{1,2}, Peizhuo Sun ^{1,2}, Qiang Ma ¹, Huaneng Su ¹, Puiki Leung ³, Weiwei Yang ^{4,*} and Qian Xu ^{1,*}

The data in the Table 2 is the iron ion diffusion coefficient calculated according to the Randles-Sevcik equation. The equation is as follows:

$$i_p = 2.69 \times 10^5 A n^{1.5} c D^{0.5} v^{0.5}$$

where i_p represent peak current, A is Electrode area, and n is the number of electron transferred, c stand for Concentration and D is Diffusion coefficient, v is the scanning rate.

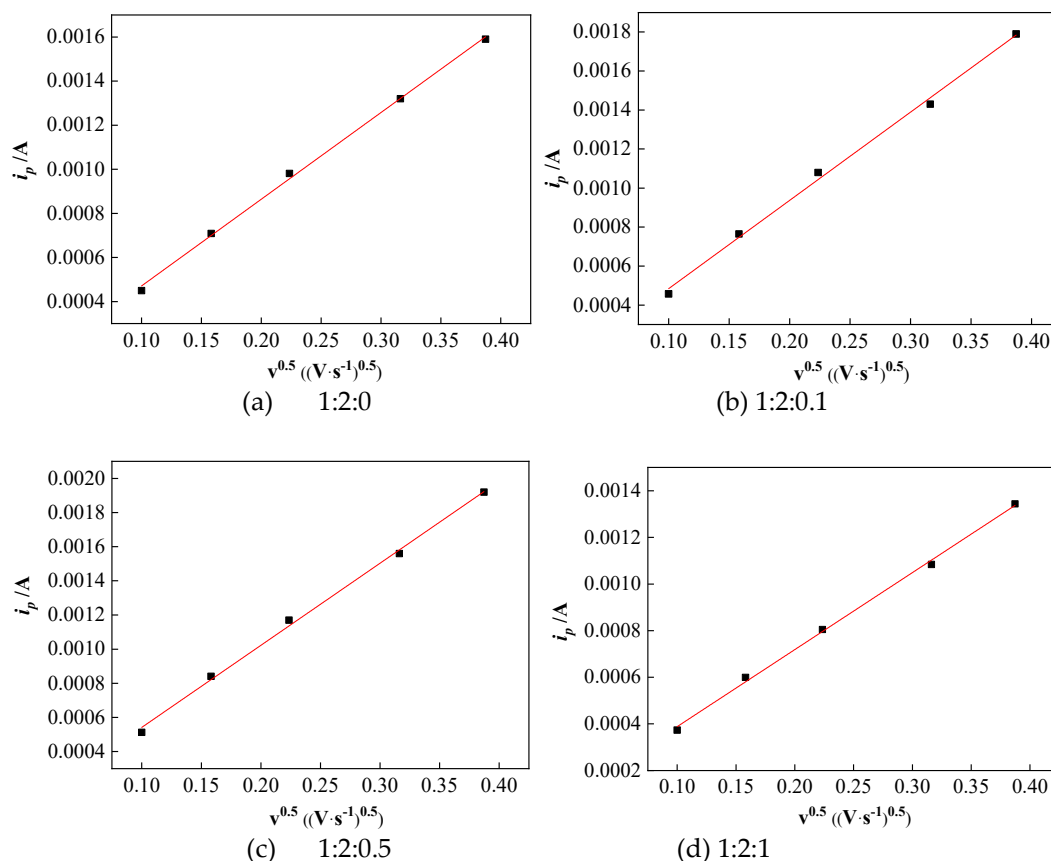


Figure S1. The curve of peak current density and the square root of scanning rate.