



Showcasing research from Professor Liang's laboratory,  
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Enhancement of interfacial sodium ion transport stability  
in quasi-solid-state sodium-ion batteries using polyethylene  
glycol

The "sodiophilic" -OH functional group of polyethylene  
glycol is used to modify the quasi-solid electrolyte to achieve  
solvation structure modulation and surface functionalization,  
which induces uniform deposition and stripping of sodium  
metal anode.

### As featured in:



See Feng Liang et al.,  
*Mater. Chem. Front.*, 2023, 7, 2027.

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