

# Energy Advances

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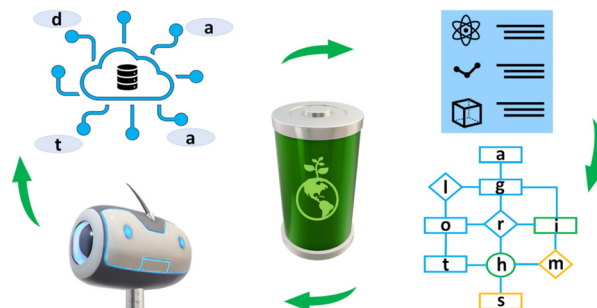
See Naoaki Yabuuchi *et al.*, pp. 503–507.  
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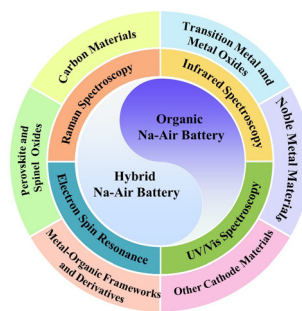
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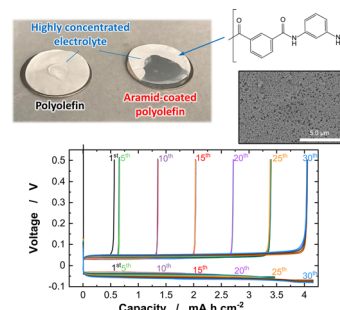


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### Improved reversibility of lithium deposition and stripping with high areal capacity under practical conditions through enhanced wettability of the polyolefin separator to highly concentrated electrolytes

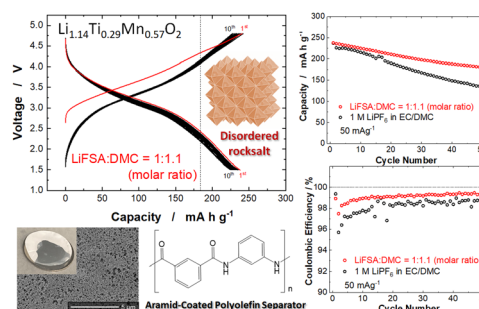
Yosuke Ugata, Chihaya Motoki, Satoshi Nishikawa and Naoaki Yabuuchi\*



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### Improved electrode reversibility of anionic redox with highly concentrated electrolyte solution and aramid-coated polyolefin separator

Nanaka Shimada, Yosuke Ugata, Satoshi Nishikawa, Daisuke Shibata, Toshiaki Ohta and Naoaki Yabuuchi\*

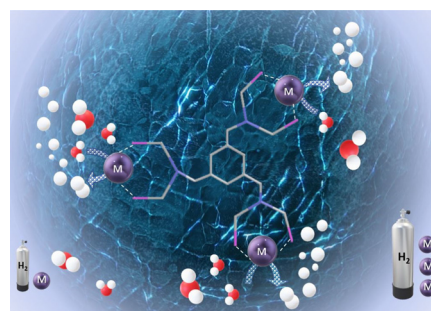


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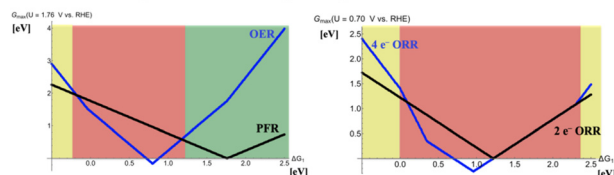


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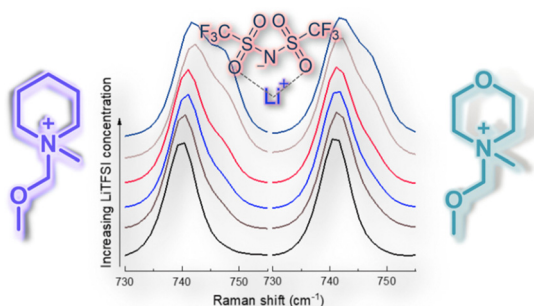
### On the concept of metal–hydrogen peroxide batteries: improvement over metal–air batteries?

Kai S. Exner

#### Selectivity in metal–hydrogen peroxide batteries



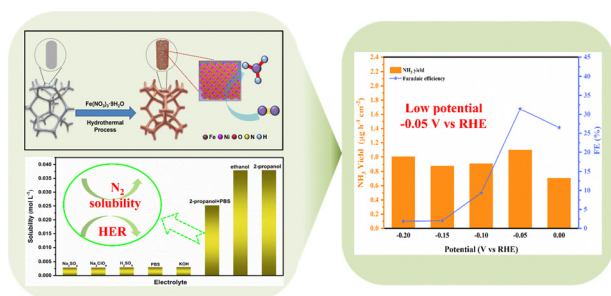
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### Structure and interactions of novel ether-functionalised morpholinium and piperidinium ionic liquids with lithium salts

Anna Warrington, Luke A. O'Dell, Oliver E. Hutt, Maria Forsyth and Jennifer M. Pringle\*

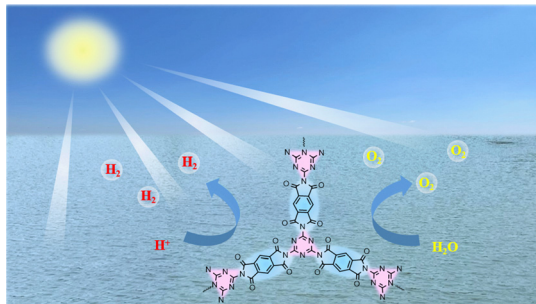
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### Efficient N<sub>2</sub> electroreduction to ammonia in an isopropanol-PBS electrolyte using NiFe<sub>2</sub>O<sub>4</sub> *in situ* grown on nickel foam

Chang Chen, Min Cui, Qian Wang,\* Penglei Cui, Cong Zhang, Qian Yang and Jujie Ren\*

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Sheng Chu, Xintie Wang, Liu Yang, Huiyan Zhang,\* Rui Xiao, Ying Wang\* and Zhigang Zou

