

Energy Advances

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See Naoaki Yabuuchi *et al.*, pp. 503–507.
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Machine learning-inspired battery material innovation

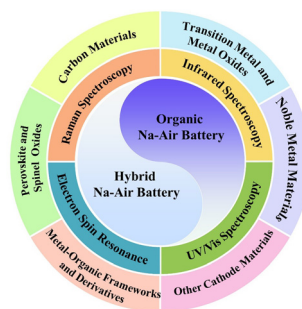
Man-Fai Ng,* Yongming Sun and Zhi Wei Seh*



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A comprehensive review of cathode materials for Na-air batteries

Pengcheng Mao, Hamidreza Arandiyan,* Sajjad S. Mofarah, Pramod Koshy, Cristina Pozo-Gonzalo, Runguo Zheng, Zhiyuan Wang, Yuan Wang,* Suresh K. Bhargava, Hongyu Sun,* Zongping Shao and Yanguo Liu*



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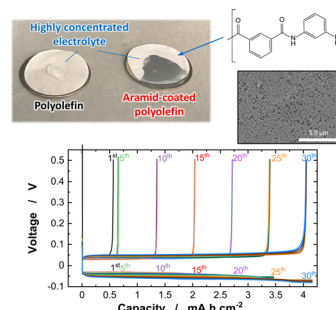


COMMUNICATIONS

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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

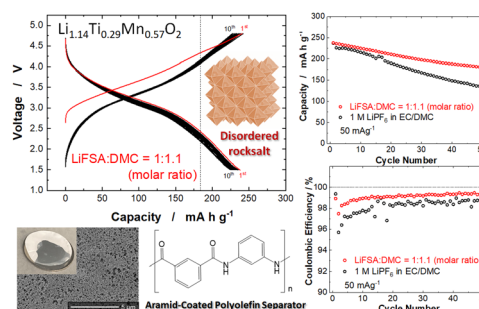
Yosuke Ugata, Chihaya Motoki, Satoshi Nishikawa and Naoaki Yabuuchi*



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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*

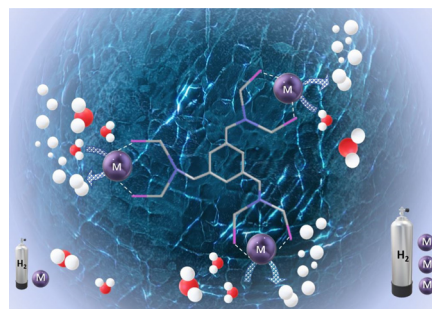


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The influence of trinuclear complexes on light-induced hydrogen production

Helena Roithmeyer, Richard Pehn, Johann Pann, Wolfgang Viertl, Benedikt Trübenbacher, Julian Dutzler, Holger Kopacka, Thomas Müller and Peter Brüggeller*

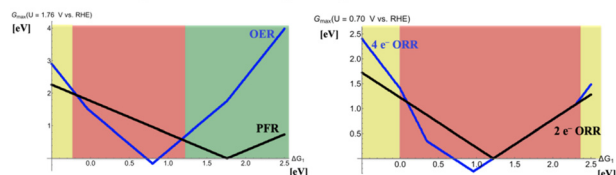


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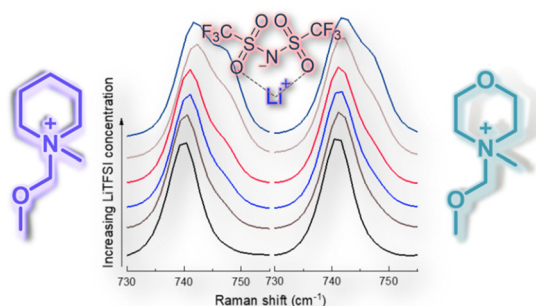
On the concept of metal–hydrogen peroxide batteries: improvement over metal–air batteries?

Kai S. Exner

Selectivity in metal–hydrogen peroxide batteries



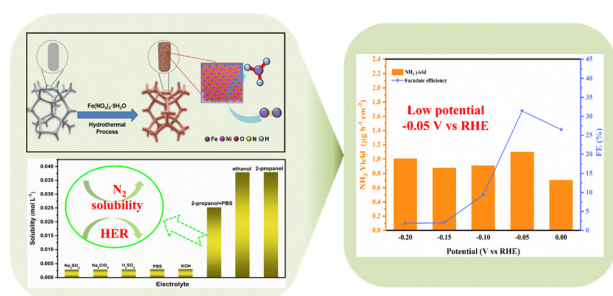
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Structure and interactions of novel ether-functionalised morpholinium and piperidinium ionic liquids with lithium salts

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

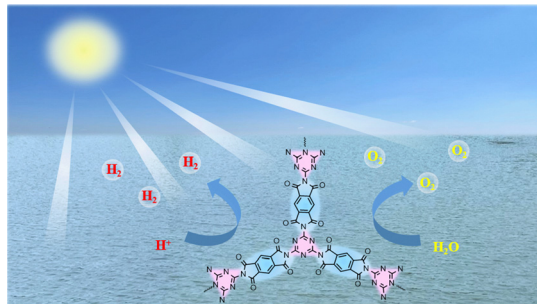
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Efficient N₂ electroreduction to ammonia in an isopropanol–PBS electrolyte using NiFe₂O₄ *in situ* grown on nickel foam

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

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Band structure engineering of a polyimide photocatalyst towards enhanced water splitting

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

