

Energy Advances

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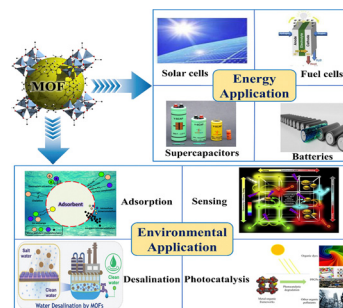
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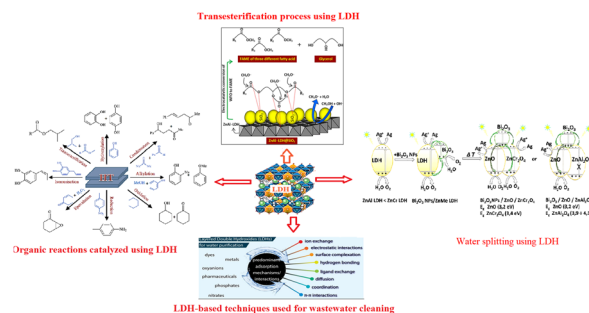
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Recent advances in layered double hydroxide (LDH)-based materials: fabrication, modification strategies, characterization, promising environmental catalytic applications, and prospective aspects

Amal A. Altalhi, Eslam A. Mohamed* and Nabel A. Negm*



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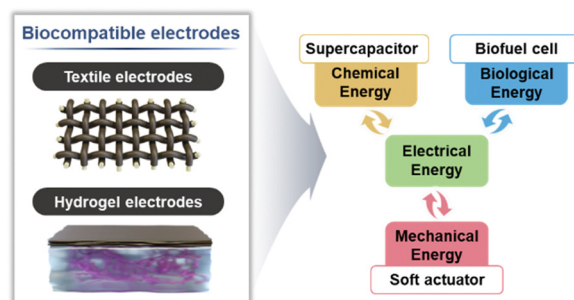
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Unlocking high-efficiency energy storage and conversion with biocompatible electrodes: the key role of interfacial interaction assembly and structural design

Jeongyeon Ahn, Hyeseoung Lim, Jongkuk Ko* and Jinhan Cho*

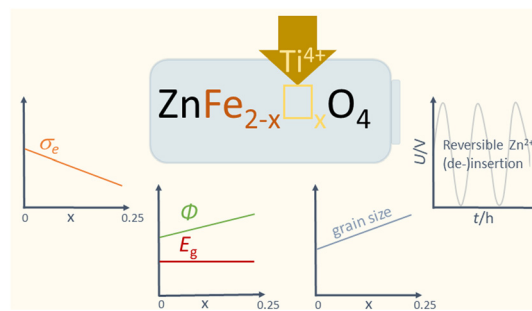


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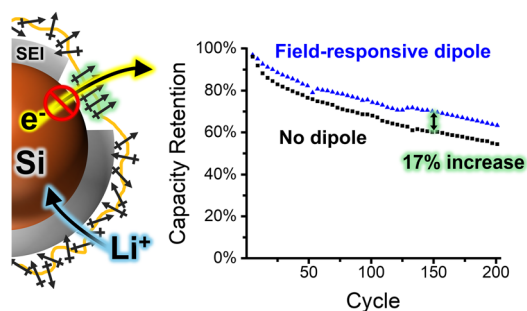
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Selective kinetic control of interfacial charge transfer reactions in Si-composite anodes for Li-ion batteries

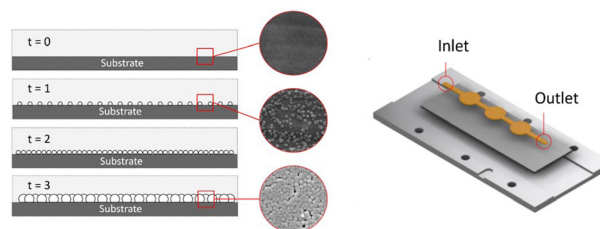
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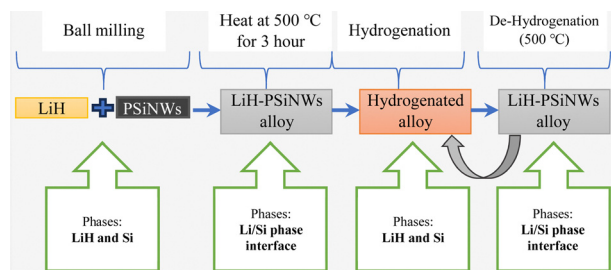
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Bryan Chun, V. Vinay K. Doddapaneni, Marcos Lucero, Changqing Pan, Zhongwei Gao, Zhenxing Feng, Rajiv Malhotra and Chih-hung Chang*



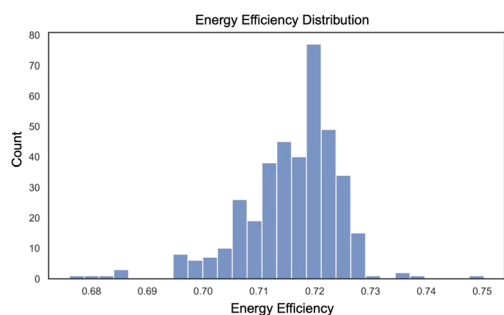
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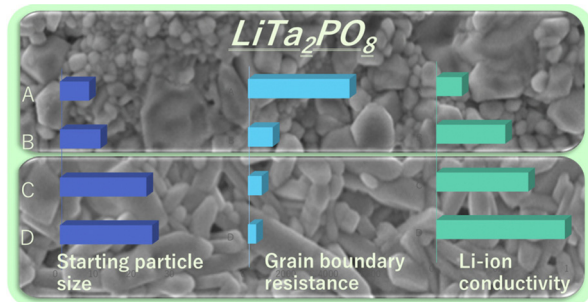
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Alina Berkowitz, Ashley A. Caiado, Sundar Rajan Aravamuthan, Aaron Roy, Ertan Agar* and Murat Inalpolat*

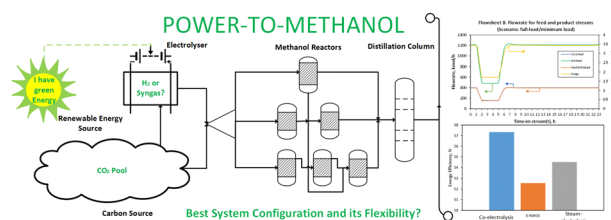
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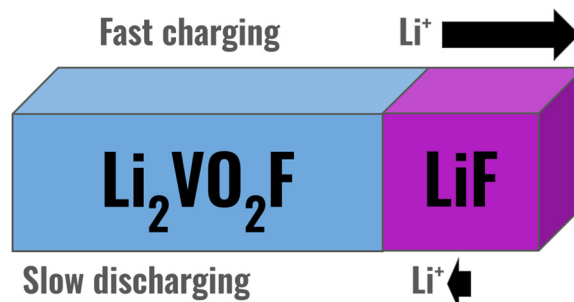
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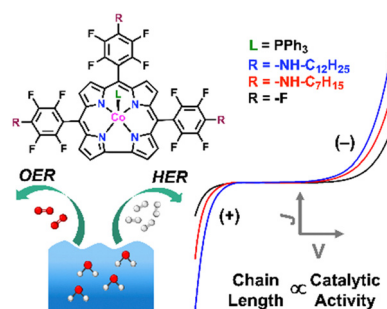
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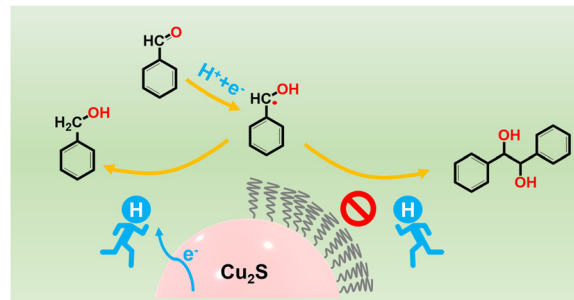
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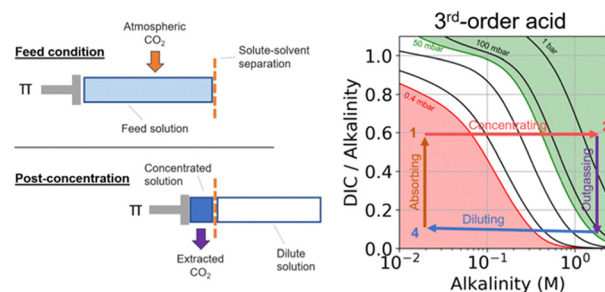
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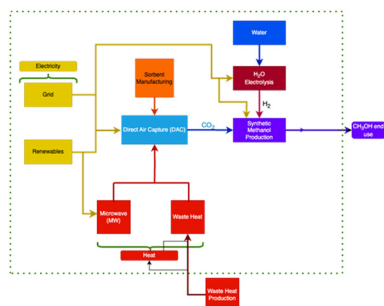
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Acid–base concentration swing for direct air capture of carbon dioxide

Anatoly Rinberg* and Michael J. Aziz



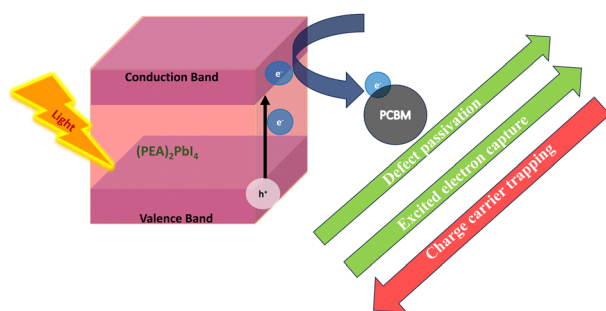
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Nicholas Badger,* Rahim Boylu, Valentine Ilojianya, Mustafa Erguvan and Shahriar Amini*

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Deepak Aloysius, Muskan Khan, Arindam Mondal and Satyajit Gupta*

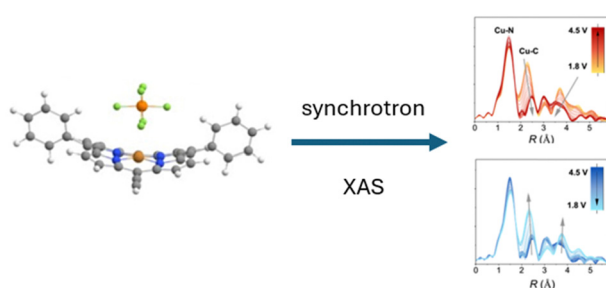
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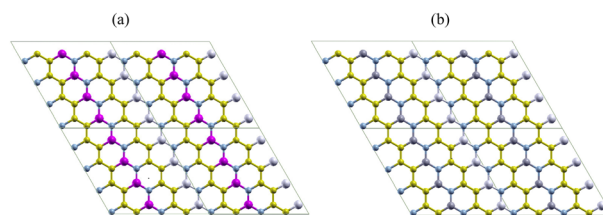
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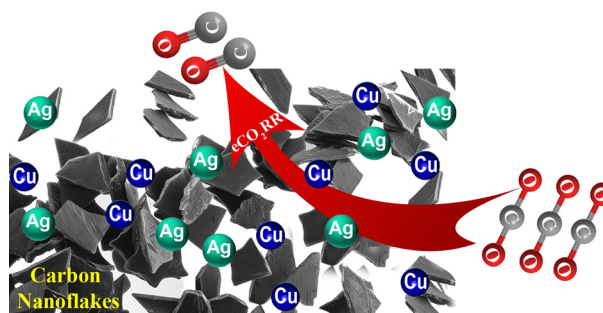
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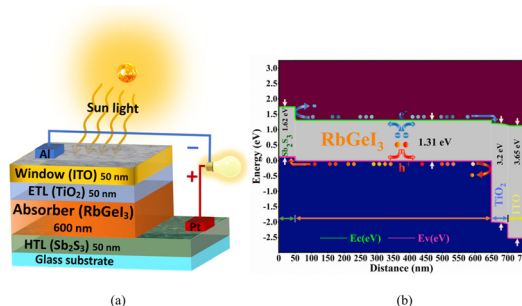
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Md. Mojahidur Rahman, Md. Hasan Ali,* Md. Dulal Haque and Abu Zafor Md. Touhidul Islam*



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Thi Nhat Thang Nguyen, Subodh Kumar* and Xuan Thang Cao*

