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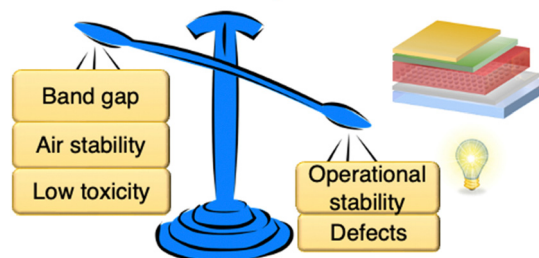
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Lead-free perovskite-inspired semiconductors for indoor light-harvesting – the present and the future

G. Krishnamurthy Grandhi, Lethy Krishnan Jagadamma, Vipinraj Sugathan, Basheer Al-Anesi, Debjit Manna and Paola Vivo*

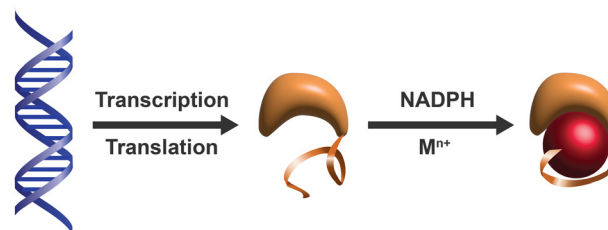
Perovskite-inspired materials



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Cloneable inorganic nanoparticles

Alexander R. Hendricks, Bradley F. Guilliams, Rachel S. Cohen, Tony Tien, Gavin A. McEwen, Kanda M. Borgognoni and Christopher J. Ackerson*



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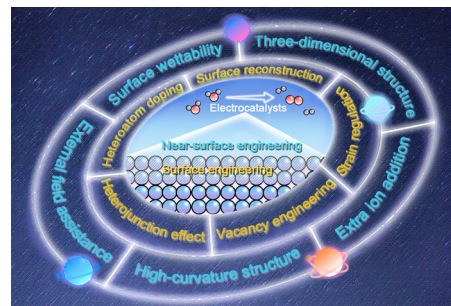


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Surface and near-surface engineering design of transition metal catalysts for promoting water splitting

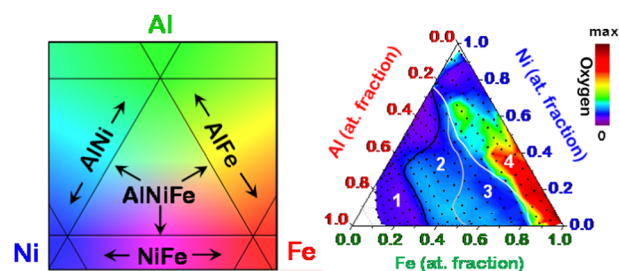
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Alloy corrosion and passivation spanning composition space

Camille Ferris, Nicholas Golio, Herve Martinez and Andrew J. Gellman*

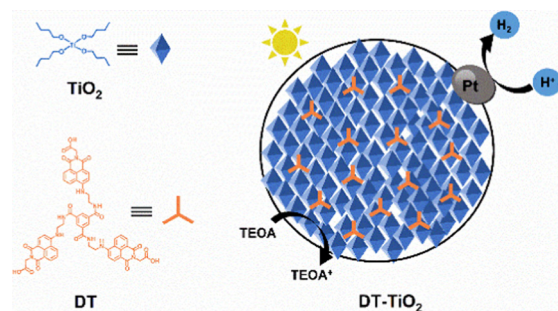


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Visible light-driven highly-efficient hydrogen production by a naphthalene imide derivative-sensitized TiO₂ photocatalyst

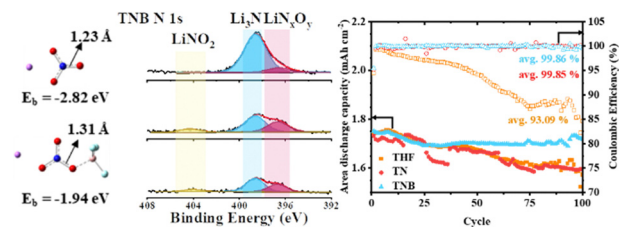
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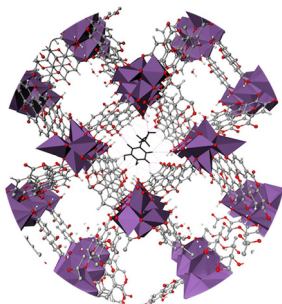
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Activation of trace LiNO₃ additives by BF₃ in high-concentration electrolytes towards stable lithium metal batteries

He-yi Xia, Yu-ke Wang and Zheng-wen Fu*



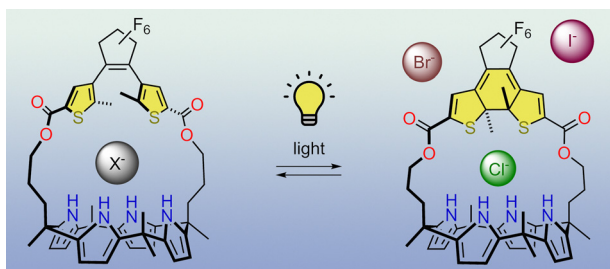
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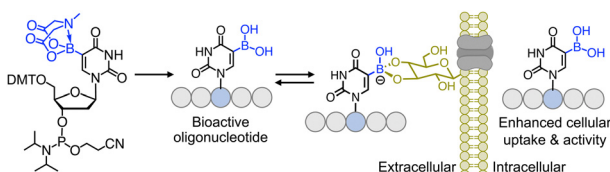
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David Villarón, Guido E. A. Brugman, Maxime A. Siegler and Sander J. Wezenberg*

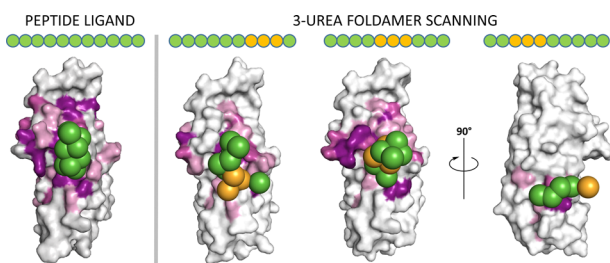
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Sam Kavooosi, Kirsten Deprey, Joshua A. Kritzer* and Kabirul Islam*

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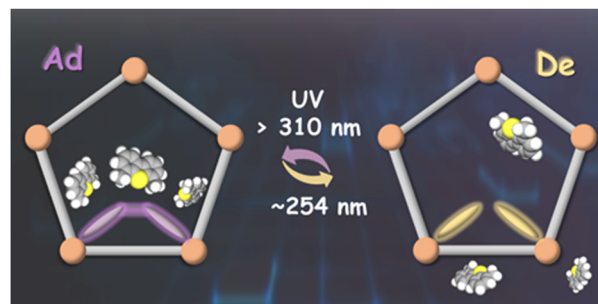


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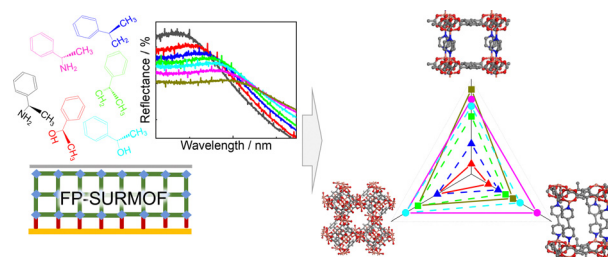
Jing Zhu,* Shi-Chao Qi, Xiao-Qin Liu and Lin-Bing Sun*



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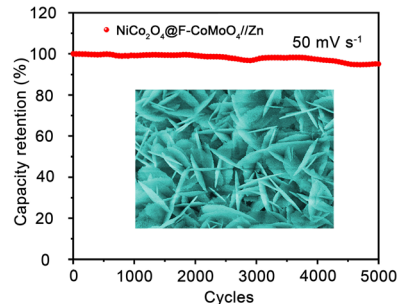
Kuo Zhan, Yunzhe Jiang and Lars Heinke*



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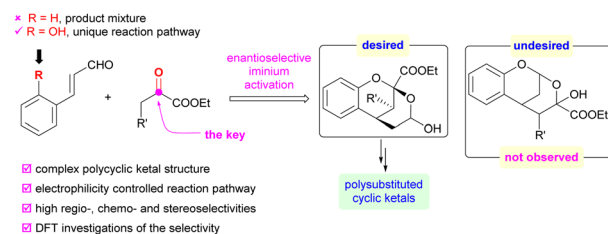
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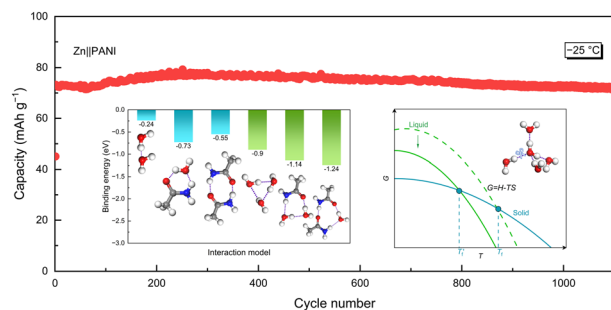
Asymmetric iminium ion-catalyzed conjugate addition of 2-hydroxycinnamaldehydes and 2-oxocarboxylic esters: synthesis of chiral polysubstituted bridged bicyclic ketals

Yong-Chao Ming, Xue-Jiao Lv, Ying-Han Chen and Yan-Kai Liu*



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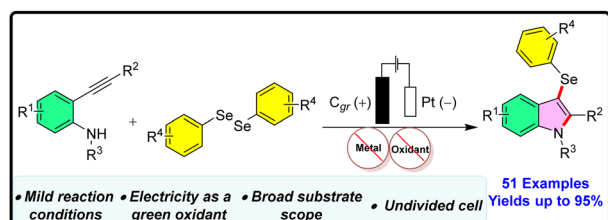
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Huimin Ji, Chunlin Xie, Tingqing Wu, Hao Wang, Zhiwen Cai, Qi Zhang, Wenbin Li, Liang Fu,* Huanhuan Li and Haiyan Wang*

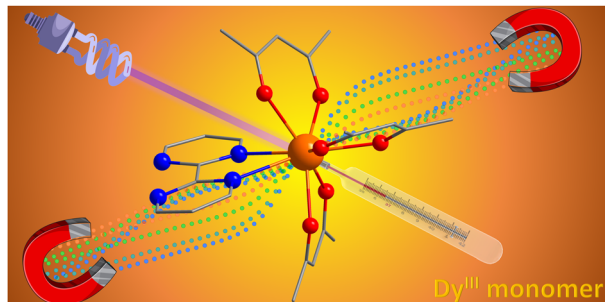
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Anil Balajirao Dapkekar and Gedu Satyanarayana*

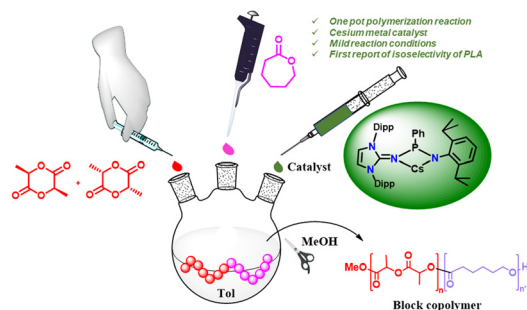
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Airton Germano Bispo-Jr, Laurence Yeh, Dylan Errulat, Diogo Alves Gálico, Fernando Aparecido Sigoli and Muralee Murugesu*

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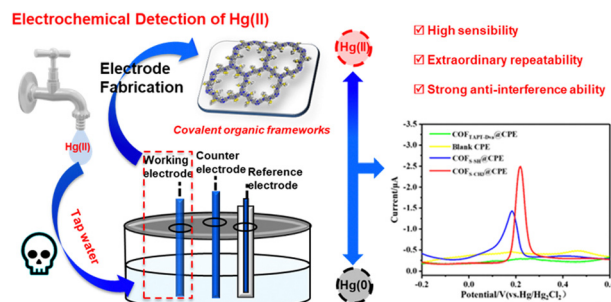
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Thiol-grafted covalent organic framework-based electrochemical platforms for sensitive detection of Hg(II) ions

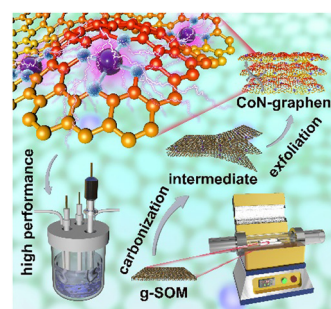
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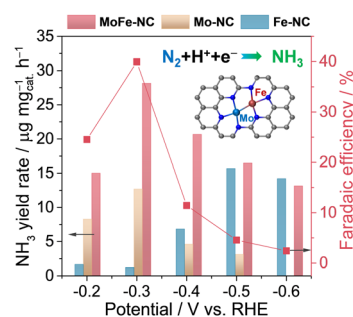
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Hierarchical Mn-Ni₂P/NiFe LDH nanosheet arrays as an efficient bifunctional electrocatalyst for energy-saving hydrogen production via urea electrolysis

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