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IN THIS ISSUE

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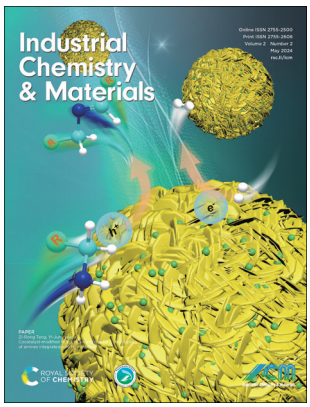

Cover
See Zi-Rong Tang, Yi-Jun Xu *et al.*, pp. 289–299.
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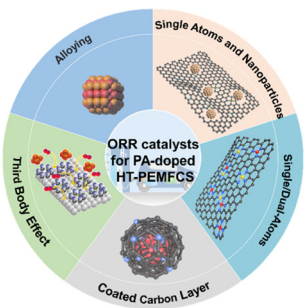
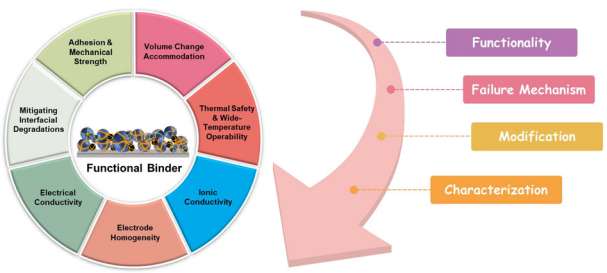
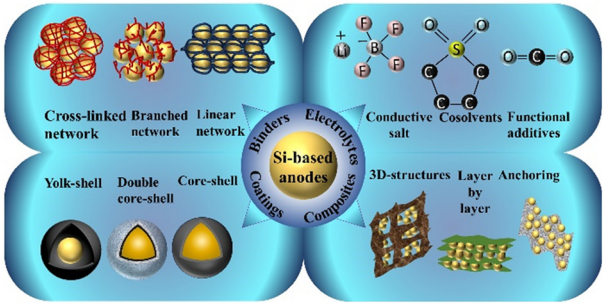
REVIEWS





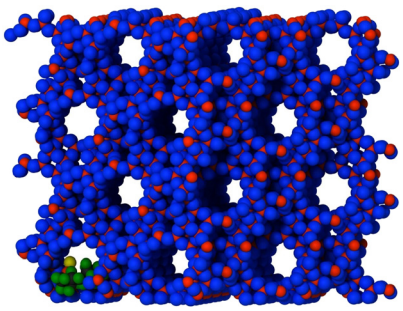
REVIEWS



Recent progress and challenges in silicon-based anode materials for lithium-ion batteries

Gazi Farhan Ishraque Toki, M. Khalid Hossain, Waheed Ur Rehman, Rana Zafar Abbas Manj, Li Wang* and Jianping Yang*

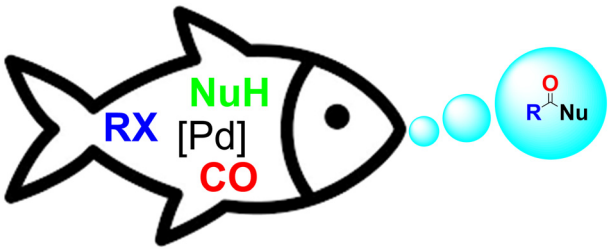
PERSPECTIVE



Designing zeolites for the removal of aqueous PFAS: a perspective

Charles A. Ponge, David R. Corbin, Clarice M. Sabolay and Mark B. Shiflett*

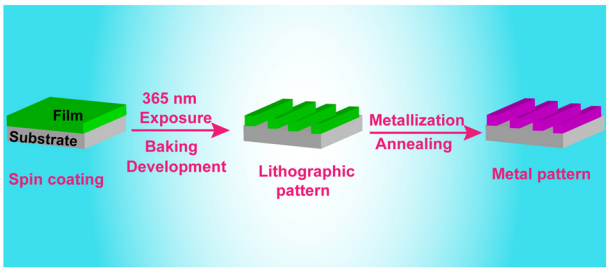
MINI REVIEW



Palladium-catalyzed carbonylation of activated alkyl halides *via* radical intermediates

Zhi-Peng Bao and Xiao-Feng Wu*

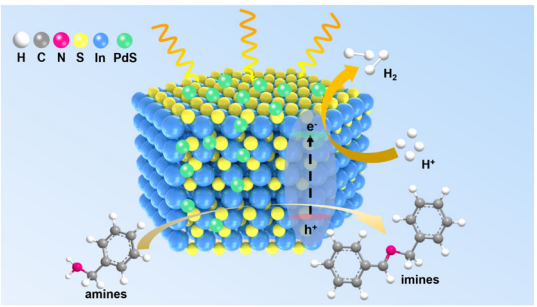
COMMUNICATION

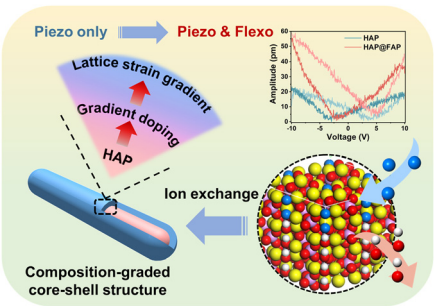


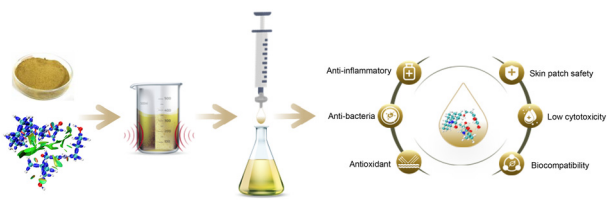
A new metallization method of modified tannic acid photoresist patterning

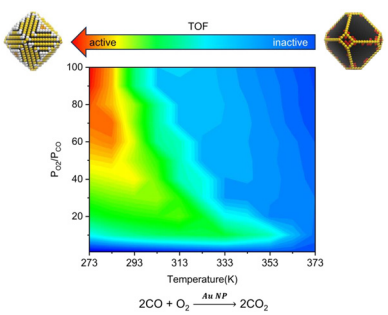
Zicheng Tang, Xubin Guo, Haihua Wang, Huan Chen and Wenbing Kang*

PAPERS



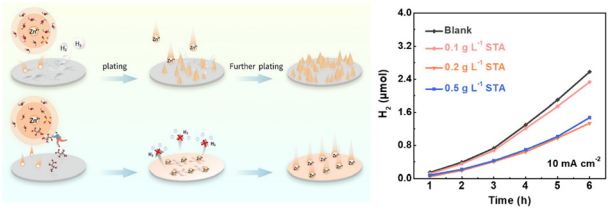






PAPERS

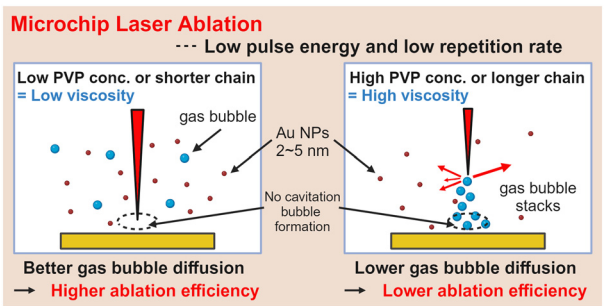
328



Stable zinc anode by regulating the solvated shell and electrode–electrolyte interface with a sodium tartrate additive

Jie Ren, Hai-Yang Wu, Wen Yan, Peng Huang* and Chao Lai*

340



Uncovering gold nanoparticle synthesis using a microchip laser system through pulsed laser ablation in aqueous solution

Barana Sandakelum Hettiarachchi, Yusuke Takaoka, Yuta Uetake, Yumi Yakiyama,* Hwan Hong Lim, Takunori Taira, Mihoko Maruyama, Yusuke Mori, Hiroshi Y. Yoshikawa and Hidehiro Sakurai*