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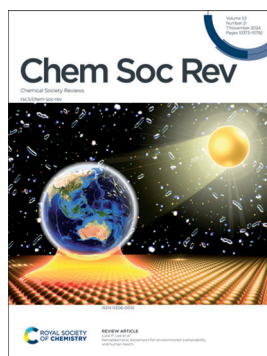
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See Simon R. Bare, Ziyi Zhong, Charlotte Vogt *et al.*, pp. 10450–10490. Image reproduced by permission of Charlotte Vogt from *Chem. Soc. Rev.*, 2024, 53, 10450. Cover illustrated by Thomas Hartman Illustrates Science.



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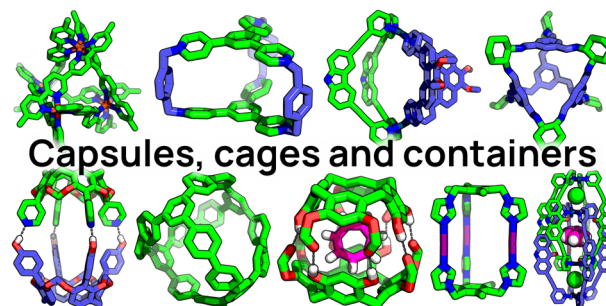
See Luke P. Lee *et al.*, pp. 10491–10522. Image reproduced by permission of Wenpeng Liu from *Chem. Soc. Rev.*, 2024, 53, 10491.

TUTORIAL REVIEWS

10380

Supramolecular and molecular capsules, cages and containers

Cameron J. T. Cox, Jessica Hale, Paulina Molinska and James E. M. Lewis*

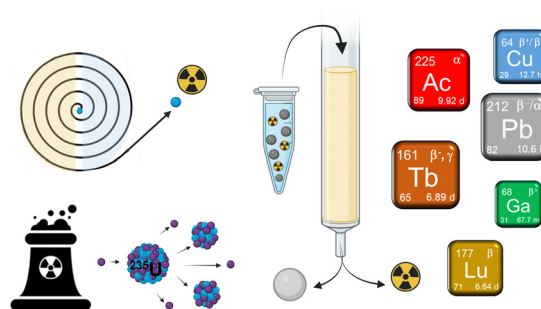


Capsules, cages and containers

10409

From cyclotrons to chromatography and beyond: a guide to the production and purification of theranostic radiometals

Brooke L. McNeil and Caterina F. Ramogida*



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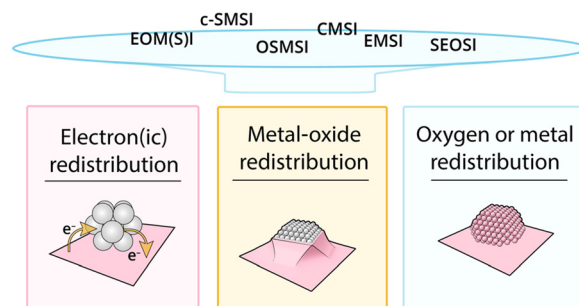
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REVIEW ARTICLES

10450

Metal–support interactions in metal oxide-supported atomic, cluster, and nanoparticle catalysis

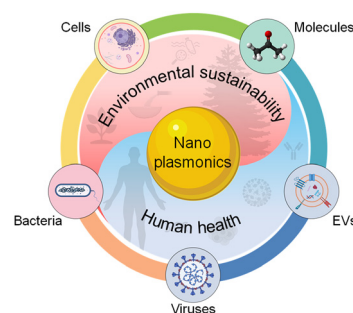
Denis Leybo, Ubong J. Etim, Matteo Monai, Simon R. Bare,* Ziyi Zhong* and Charlotte Vogt*



10491

Nanoplasmonic biosensors for environmental sustainability and human health

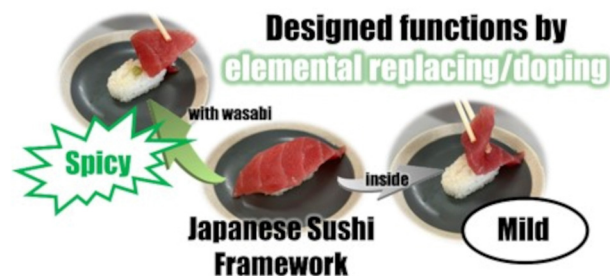
Wenpeng Liu, Kyungwha Chung, Subin Yu and Luke P. Lee*



10523

Designed functions of oxide/hydroxide nanosheets via elemental replacement/doping

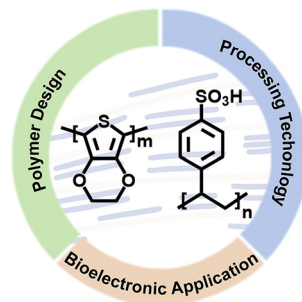
Kanji Saito, Masashi Morita, Tomohiko Okada, Rattanawadee (Ploy) Wijitwongwan and Makoto Ogawa*



10575

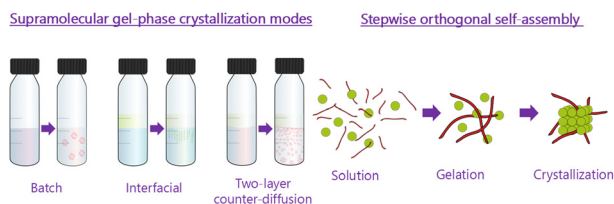
PEDOT-based stretchable optoelectronic materials and devices for bioelectronic interfaces

Weizhen Li, Yiming Li, Ziyu Song, Yi-Xuan Wang* and Wenping Hu*



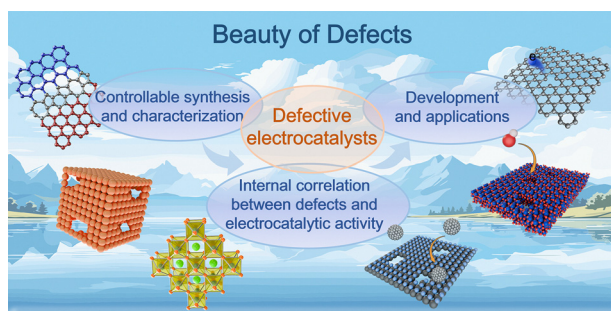
REVIEW ARTICLES

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**Supramolecular gels: a versatile crystallization toolbox**

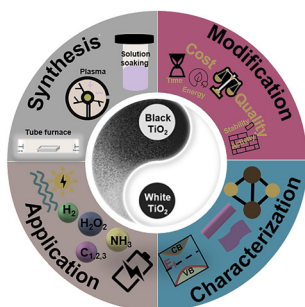
Rafael Contreras-Montoya,* Luis Álvarez de Cienfuegos, José A. Gavira and Jonathan W. Steed

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**Design and regulation of defective electrocatalysts**

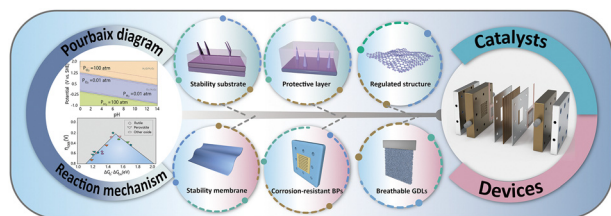
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Xuelan Hou, Yiyang Li, Hang Zhang, Peter D. Lund, James Kwan* and Shik Chi Edman Tsang*

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**Stability of electrocatalytic OER: from principle to application**

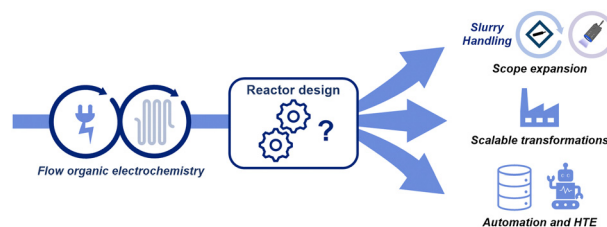
HuangJingWei Li, Yu Lin, Junyuan Duan, Qunlei Wen, Youwen Liu* and Tianyou Zhai*



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Enhancing electrochemical reactions in organic synthesis: the impact of flow chemistry

Morgan Regnier, Clara Vega, Dimitris I. Ioannou and Timothy Noël*



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Current development, optimisation strategies and future perspectives for lead-free dielectric ceramics in high field and high energy density capacitors

Hareem Zubairi, Zhilun Lu,* Yubo Zhu, Ian M. Reaney and Ge Wang*

