

Chem Soc Rev

Chemical Society Reviews

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ISSN 0306-0012 CODEN CSRVBR 52(16) 5345-5804 (2023)



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Inside cover

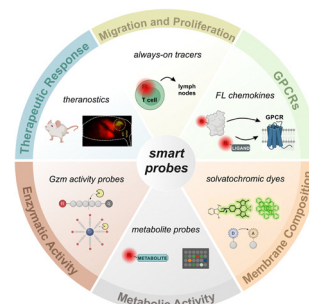
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Smart probes for optical imaging of T cells and screening of anti-cancer immunotherapies

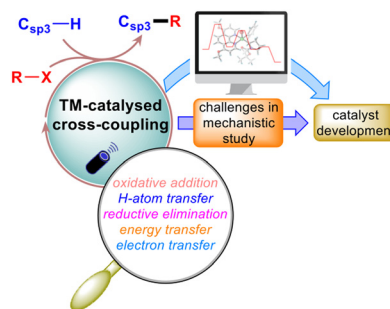
Marco Bertolini, Man Sing Wong, Lorena Mendive-Tapia and Marc Vendrell*



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The mechanism of visible light-induced C–C cross-coupling by C_{sp}³–H bond activation

Bholanath Maity,* Sayan Dutta and Luigi Cavallo*



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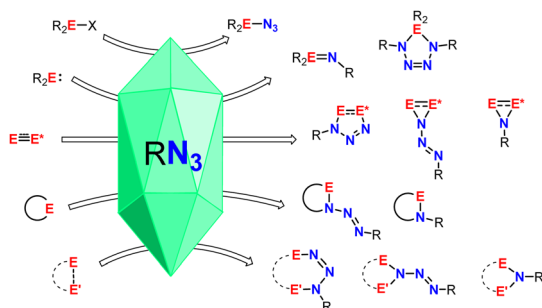
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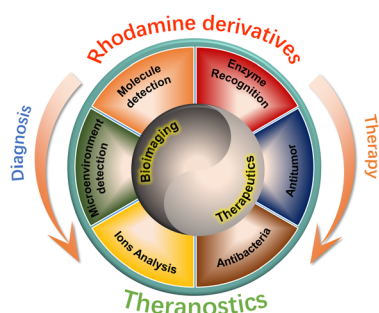
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Reactions of main group compounds with azides forming organic nitrogen-containing species

Lizhao Zhu and Rei Kinjo*

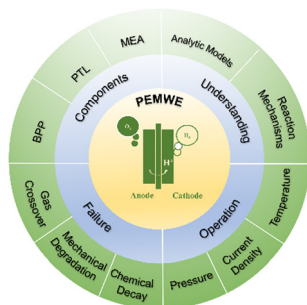
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Fluorescent dyes based on rhodamine derivatives for bioimaging and therapeutics: recent progress, challenges, and prospects

Shuang Zeng, Xiaosheng Liu, Yves S. Kafuti, Heejeong Kim, Jingyun Wang,* Xiaojun Peng,* Haidong Li* and Juyoung Yoon*

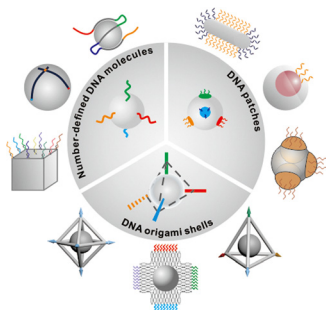
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Recent advances in proton exchange membrane water electrolysis

Rui-Ting Liu, Zheng-Long Xu,* Fu-Min Li, Fei-Yang Chen, Jing-Ya Yu, Ya Yan,* Yu Chen* and Bao Yu Xia*

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DNA-mediated regiospecific encoding of colloids for programmable self-assembly

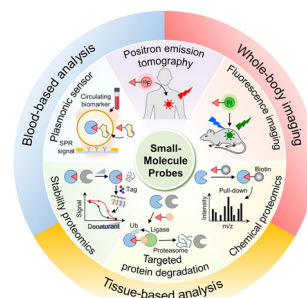
Longjiang Ding, Xiaoliang Chen, Wenhe Ma, Jiang Li, Xiaoguo Liu, Chunhai Fan and Guangbao Yao*



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Small-molecule probes from bench to bedside: advancing molecular analysis of drug–target interactions toward precision medicine

Sijun Pan, Aixiang Ding, Yisi Li, Yaxin Sun, Yueqin Zhan, Zhenkun Ye, Ning Song, Bo Peng, Lin Li,* Wei Huang* and Huilin Shao*



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Integrated CO₂ capture and electrochemical upgradation: the underpinning mechanism and techno-chemical analysis

Sandip Kumar De, Dong-Il Won, Jeongwon Kim and Dong Ha Kim*

