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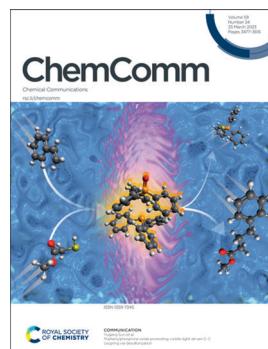
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See Samuel A. Johnson et al., pp. 3542–3545.
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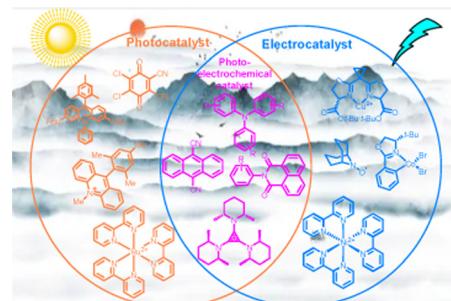
See Yugang Sun et al., pp. 3546–3549.
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HIGHLIGHT

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Contemporary photoelectrochemical strategies and reactions in organic synthesis

Ling Qian and Min Shi*

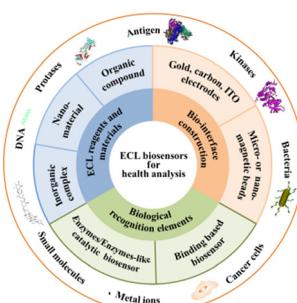


FEATURE ARTICLES

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Recent advances and challenges in developing electrochemiluminescence biosensors for health analysis

Yuxi Wei, Honglan Qi and Chengxiao Zhang*



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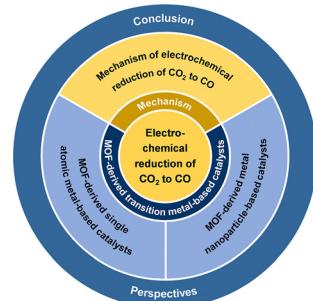


FEATURE ARTICLES

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MOF-derived transition metal-based catalysts for the electrochemical reduction of CO_2 to CO : a mini review

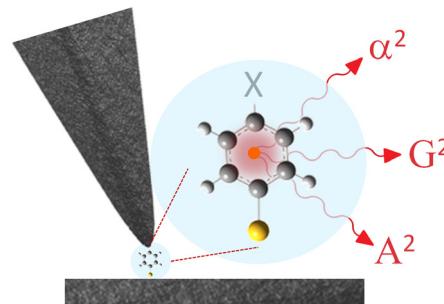
Jiaxin Li, Baogang Zhang, Baoxia Dong* and Ligang Feng



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High spatial resolution ambient tip-enhanced (multipolar) Raman scattering

Patrick Z. El-Khoury

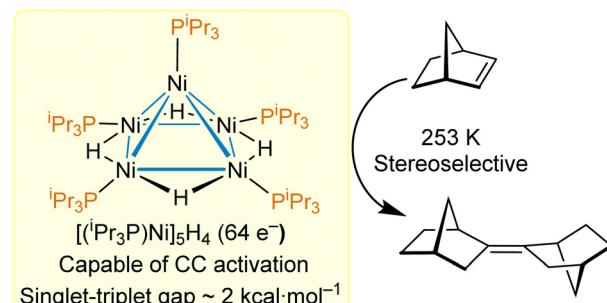


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Breaking bonds and breaking rules: inert-bond activation by $[(\text{iPr}_3\text{P})\text{Ni}]_5\text{H}_4$ and catalytic stereospecific norbornene dimerization

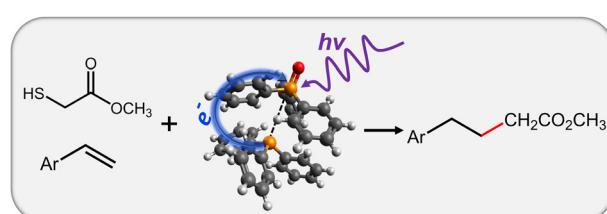
Junyang Liu, Manar M. Shoshani, Kethya Sum and Samuel A. Johnson*



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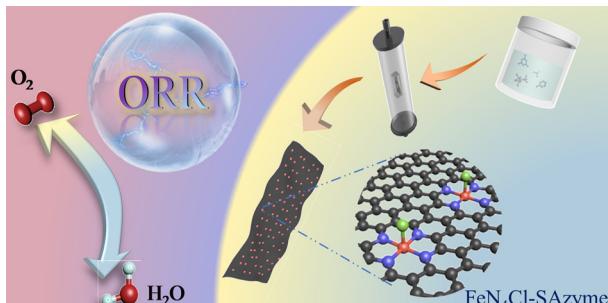
Triphenylphosphine oxide promoting visible-light-driven C–C coupling via desulfurization

Shea Stewart, Robert Maloney and Yugang Sun*



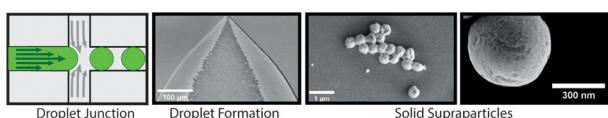
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**Axial optimization of biomimetic nanoenzyme catalysts applied to oxygen reduction reactions**

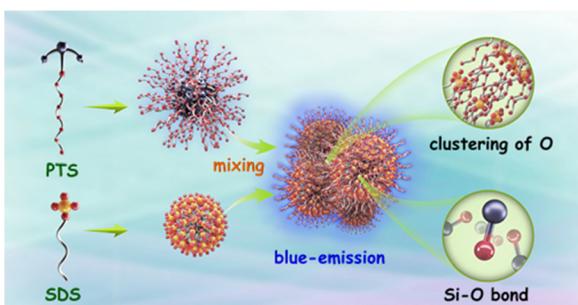
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**Microfluidic synthesis of monodisperse and size-tunable CsPbBr_3 supraparticles**

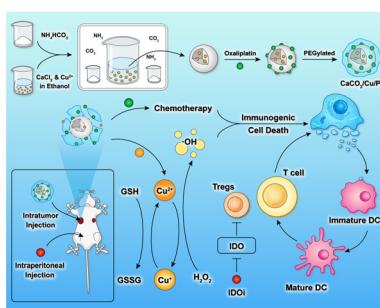
Julia Nette, Federico Montanarella, Chenglian Zhu, Taras V. Sekh, Simon C. Boehme, Maryna I. Bodnarchuk, Gabriele Rainò, Philip D. Howes, Maksym V. Kovalenko and Andrew J. deMello*

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**Clustering-enhanced, nonconventional photoluminescence from a silicone surfactant**

Aoxue Xu, Hailong Liu, Gang Yi, Ning Feng and Hongguang Li*

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**A CaCO_3 -based synergistic immunotherapy strategy for treating primary and distal tumors**

Kun Tang, Xia Zhang, Jiaqi Yin, Wei Pan, Yanhua Li,* Na Li* and Bo Tang*

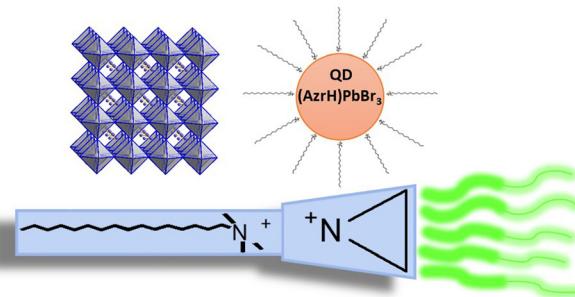


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Quantum dots assembled from an aziridinium based hybrid perovskite displaying tunable luminescence

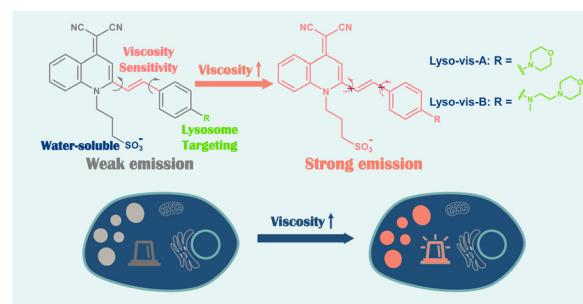
Oleksandr A. Semenikhin, Olesia I. Kucheriv, Liviu Sacarescu, Sergiu Shova and Il'ya A. Gural'skiy*



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Water-soluble fluorescent probes for differentiating cancer cells and normal cells by tracking lysosomal viscosity

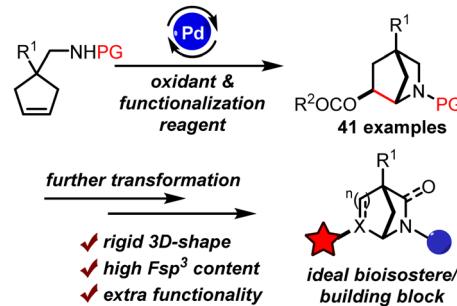
Minghui Liu, Jintao Weng, Shumei Huang, Wenjin Yin, Huatang Zhang,* Yin Jiang,* Liu Yang* and Hongyan Sun*



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Construction of oxygenated 2-azabicyclo[2.2.1]heptanes via palladium-catalyzed 1,2-aminoacyloxylation of cyclopentenes

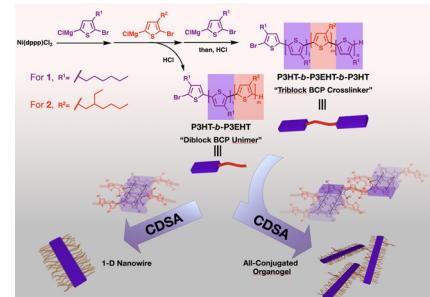
Haipin Zhou, Rui Pan, Menghua Xu, Jiao Ma, Aijun Lin* and Hequan Yao*



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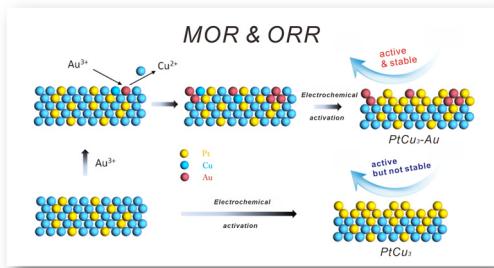
Semi-conductive micellar networks of all-conjugated diblock and triblock copolymer blends

Junyoung Kim, Wooyeol Chung, Dogyun Kim, Junwoo Kang, Carlos Fitzgerald Grandes Reyes, Jisu Jeong and Kyoung Taek Kim*



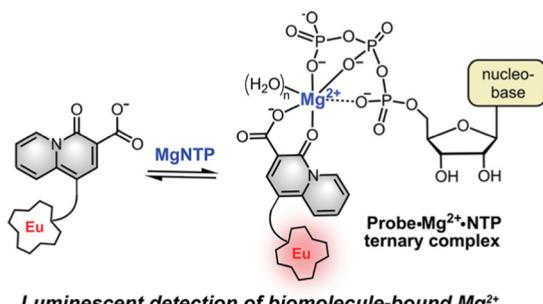
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**Au-modified PtCu nanodendrites as a highly stable and active electrocatalyst**

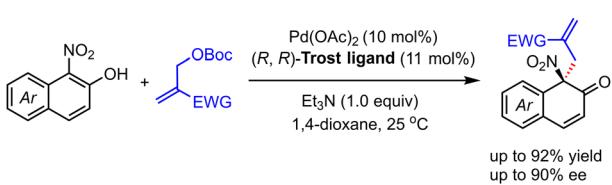
Yuelin Gu, Weiyi Guo, Jingqi Bao, Yunxia Li and Linfang Lu*

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**Lanthanide-based luminescent probes for biological magnesium: accessing polyphosphate-bound Mg^{2+}**

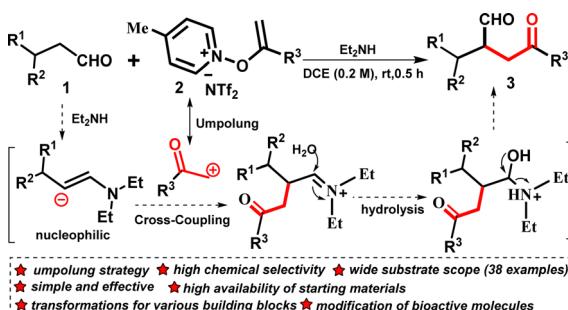
Brismar Pinto-Pacheco, Qitian Lin, Claudia W. Yan, Symara de Melo Silva and Daniela Buccella*

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**Pd-Catalyzed intermolecular asymmetric allylic dearomatization of 1-nitro-2-naphthols with MBH adducts**

Qing-Xia Zhang, Jia-Hao Xie, Qing Gu and Shu-Li You*

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**An umpolung strategy for chemically selective intermolecular cross-enolate-type coupling of *N*-alkenoxypyridinium salts with aldehydes**

Guichao Dong, Mengfei Jiang, Nan Wu,* Shengxiang Zhang, Hui long Zhu and Zhou Xu*

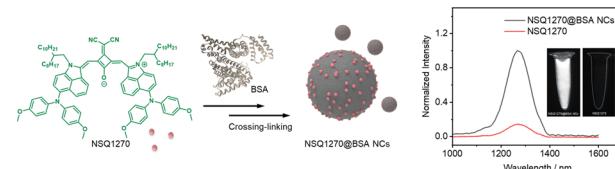


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Maximal emission beyond 1200 nm dicyanovinyl-functionalized squaraine for *in vivo* vascular imaging

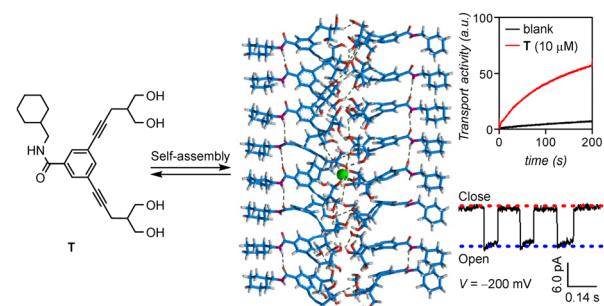
Yigang Wang, Mingda Wang, Guomin Xia,* Yang Yang, Leilei Si, Hua Wang and Hongming Wang*



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Self-assembled anion channel formation by bis(1,3-propanediol)-linked *meta*-dipropynylbenzene-based small molecules

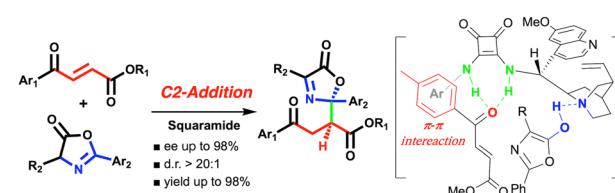
Rashmi Sharma, Amal Vijay, Sandip Chattopadhyay, Arnab Mukherjee* and Pinaki Talukdar*



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Highly diastereo- and enantioselective C2 addition of 5*H*-oxazol-4-ones to γ -keto- α,β -unsaturated esters

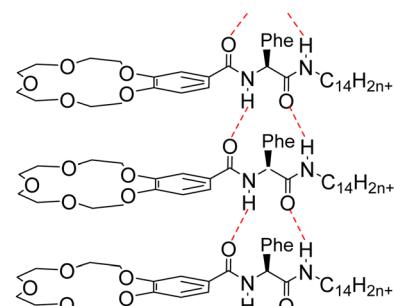
Li Lin,* Mei Wang, Jiawei Zhou, Fei Li and Huiyun Liu



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A K⁺-selective channel with a record-high K⁺/Na⁺ selectivity of 20.1

Lei Jin, Chang Sun, Zhongyan Li, Jie Shen* and Huaqiang Zeng*



CORRECTION

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Correction: Masking thiol reactivity with thioamide, thiourea, and thiocarbamate-based MBPs

Hyeonglim Seo, Alysia J. Kohlbrand, Ryjul W. Stokes, Jeewon Chung and Seth M. Cohen*

