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ISSN 1359-7345 CODEN CHCOFS 59(37) 5481-5632 (2023)



Cover

See Yoshiyuki Nonoguchi
et al., pp. 5531-5534.

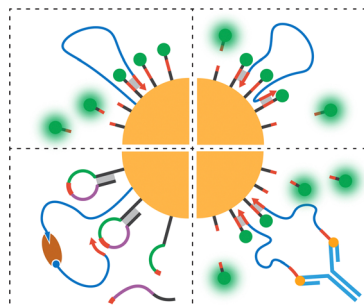
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FEATURE ARTICLES

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Design and bioanalytical applications of stochastic DNA walkers

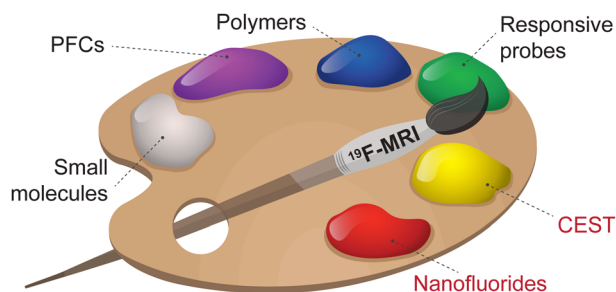
Guan A. Wang, Chuipeng Kong and Feng Li*



5502

Frontiers in ^{19}F -MR imaging: nanofluorides and ^{19}F -CEST as novel extensions to the ^{19}F -MRI toolbox

Andrea Galisova and Amnon Bar-Shir*



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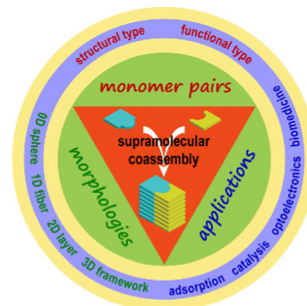


FEATURE ARTICLES

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Supramolecular coassembly: monomer pair design, morphology regulation and functional application

Bin Mu, Zhao Gao, Chengfei Liu, Xuedong Xiao and Wei Tian*

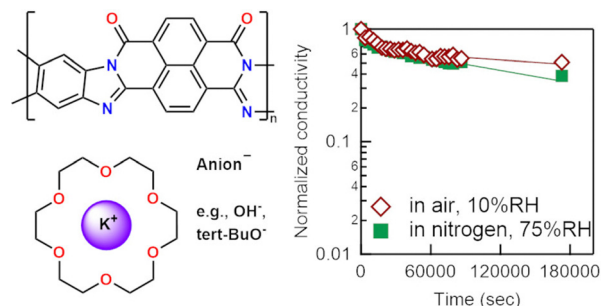


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Crown ether salt-doped ladder-type conducting polymers for air-stable n-type thermoelectric materials

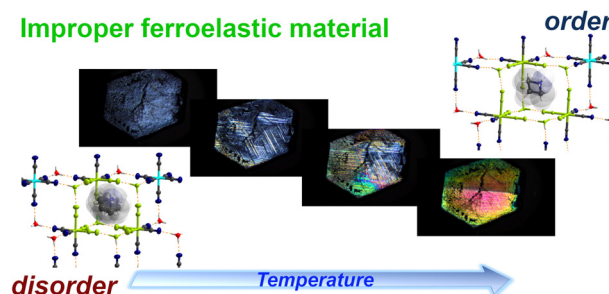
Ryoto Yura, Shohei Kumagai, Kiyohiro Adachi, Daisuke Hashizume, Toshihiro Okamoto and Yoshiyuki Nonoguchi*



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Improper ferroelastic phase transition in a hydrogen-bonded metallocyanide-based (azetidinium)₂(H₃O)[Co(CN)₆] framework

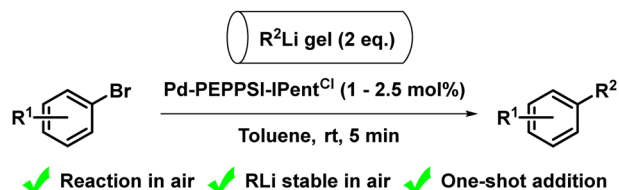
Marcin Moskwa,* Paweł Sobieszczyk, Julia W. Mikurenda, Piotr Zieliński and Magdalena Rok*



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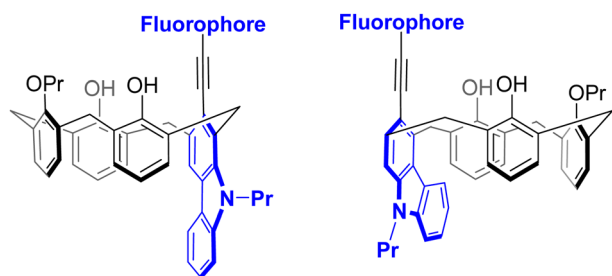
Organogelation enables fast organolithium cross-coupling reactions in air

Paco Visser and Ben L. Feringa*



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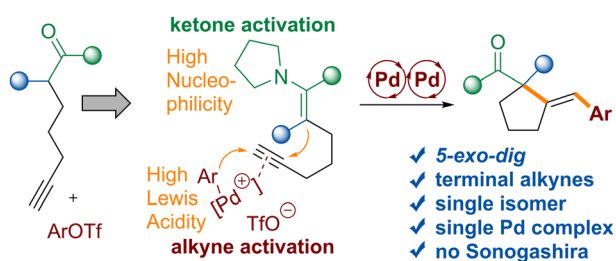
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Carbazole-fused calixarene cavities: single and mixed AlEgen systems for NO detection

Varun Rawat, Abhishek Baheti, Om Shanker Tiwari and Arkadi Vigalok*

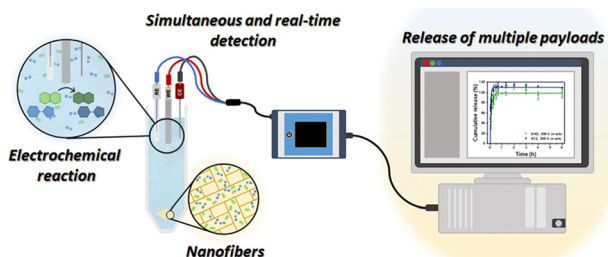
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Tandem Pd-catalyzed annulation/coupling of acetylenic enamines with aryl triflates

Aleksandra Błocka, Jakub Ostapko and Wojciech Chaładaj*

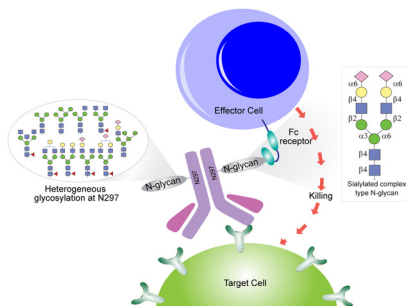
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Real-time monitoring of the release of multiple payloads from nanomaterials

Jindaporn Janprasit, Albert Schulte* and Daniel Crespy*

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Study on antibody Fc-glycosylation for optimal effector functions

Vidya S. Shivatare, Po-Kai Chuang, Tzu-Hao Tseng, Yi-Fang Zeng, Han-Wen Huang, Gannedi Veeranjanyulu, Han-Chung Wu and Chi-Huey Wong*

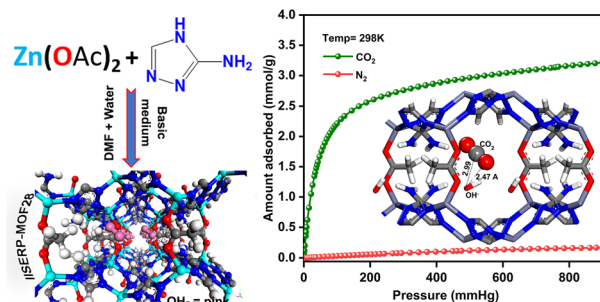


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Preferential CO₂ adsorption by an ultra-microporous zinc-aminotriazolato-acetate MOF

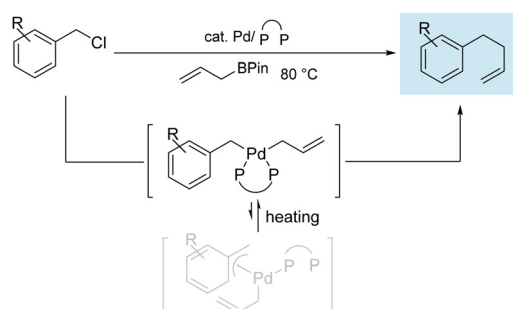
Piyush Singh, Himan Dev Singh, Abhijith Hari Menon and Ramanathan Vaidhyanathan*



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Regioselective coupling of benzyl chlorides with allyl and allenyl boronates catalysed by a bidentate phosphine ligand/palladium catalyst

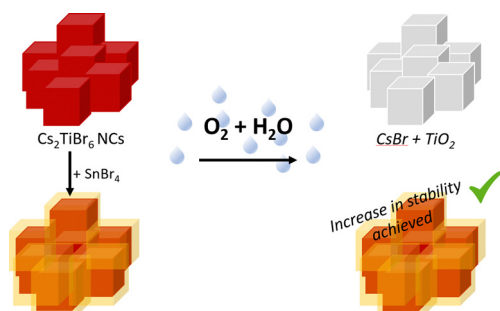
Sheng Zhang,* Junchao Yin, Ziyang Wang, Yang Li,* Yukang Fu, Ji Ma, Zhilong Xie and Ming Bao*



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Stabilization of environmentally-friendly Cs₂TiBr₆ perovskite nanocrystals with SnBr₄

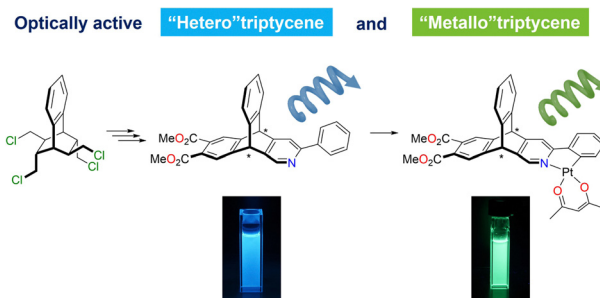
Shanti Maria Liga, Yongjie Wang and Gerasimos Konstantatos*



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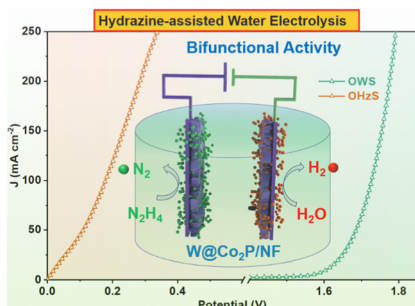
Syntheses of heterotriptycenes and their Pt complexes that emit circularly polarised fluorescence and phosphorescence

Ryo Inoue,* Kyosuke Furumoto and Yasuhiro Morisaki*



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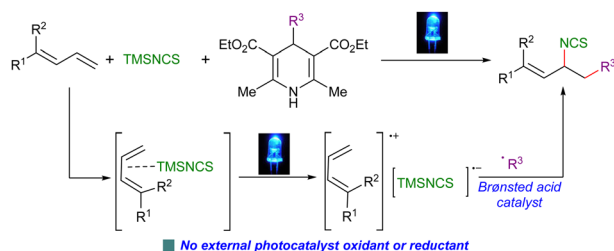
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Coupled W–Co₂P hybrid nanosheets as a robust bifunctional electrocatalyst for hydrazine-assisted hydrogen production

Kaixun Li, Xujiang Cen, JinFeng He and Yun Tong*

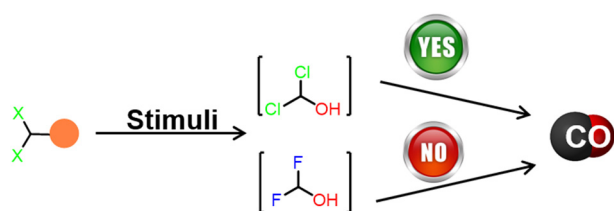
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Organocatalytic photoinduced carboamination of dienes

Arun Yadav, Sabhya Sandha and Chandra Bhushan Tripathi*

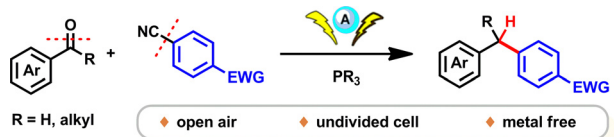
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Dichloromethanol but not difluoromethanol as a viable surrogate of carbon monoxide for prodrug design

Miao Liu, Zhang Li, Ziwei Hu, ZhiCheng Yan, Qingqiang Min, Wei Peng* and Xingyue Ji*

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Electrochemical deoxygenative arylation of aldehydes and ketones

Meng Li, Yue Tian, Kunhui Sun, Zhimin Xu, Lifang Tian* and Yahui Wang*

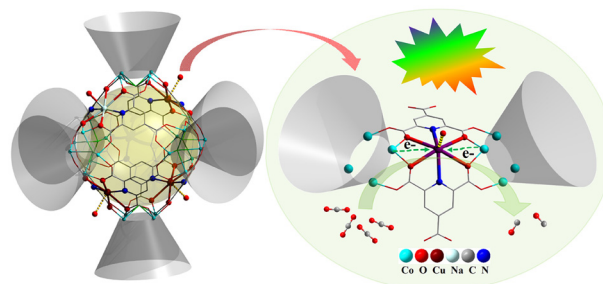


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Post-synthetic atomically precise single-Cu^{II} sites in a thiacalix[4]arene-supported octahedral Na@Co₂₄ cluster: the Cu–Co synergistic effect for selective photocatalytic conversion of CO₂ to CO

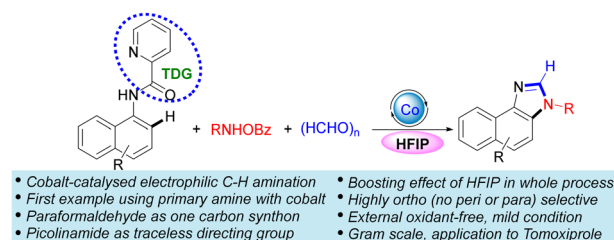
Yinjuan Guo, Jiahui Li, Guiyan Zhao,* Baokuan Chen, Xinxin Hang* and Yanfeng Bi*



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An HFIP-assisted, cobalt-catalyzed three-component electrophilic C–H amination/cyclization/directing group removal cascade to naphtho[1,2-d]imidazoles

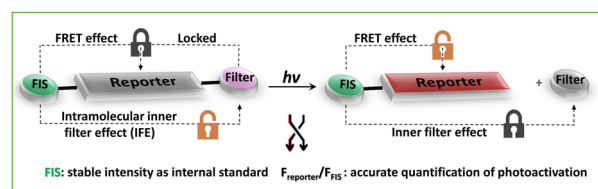
Hasina Mamataj Begam, Kangkan Pradhan, Kasarla Varalaxmi and Ranjan Jana*



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Accurate photoactivation monitoring via the construction of an intramolecular synergistic counteracting mechanism of FRET and IFE

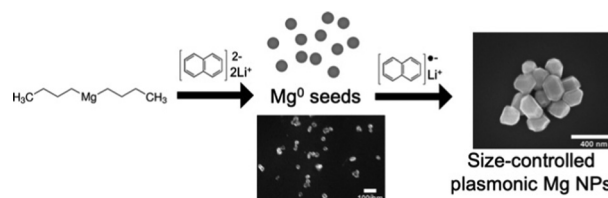
Siyue Ma, Yihan Wang, Chao Wang, Linlin Wang, Qing Miao, Yuxia Liu, Yangmin Ma* and Guang Chen*



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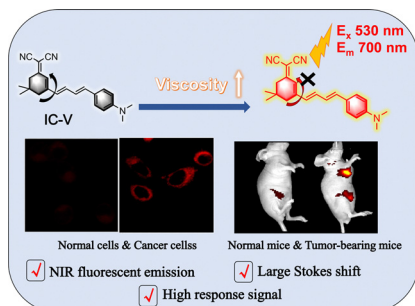
Seed-mediated synthesis of monodisperse plasmonic magnesium nanoparticles

Vladimir Lomonosov, Elizabeth R. Hopper and Emilie Ringe*



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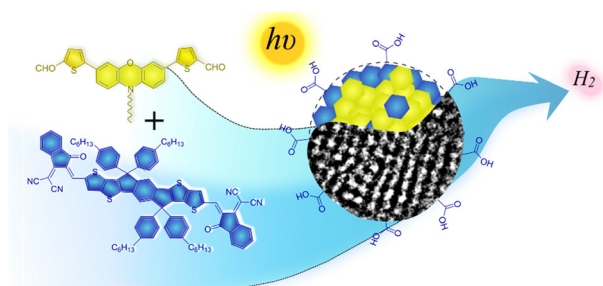
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A novel near-infrared fluorescent probe for the imaging of viscosity in cells and tumor-bearing mice

Qin-Ting Liao, Jing-Jing Chao, Wen-Xin Wang, Ting Liu, Guo-Jiang Mao, Fen Xu and Chun-Yan Li*

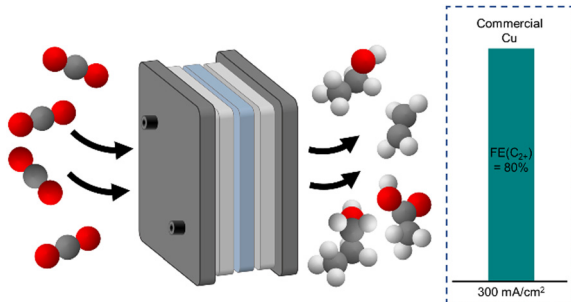
5611



Phenoxazine-based small molecule heterojunction nanoparticles for photocatalytic hydrogen production

Mariia V. Pavliuk, Sina Wrede and Haining Tian*

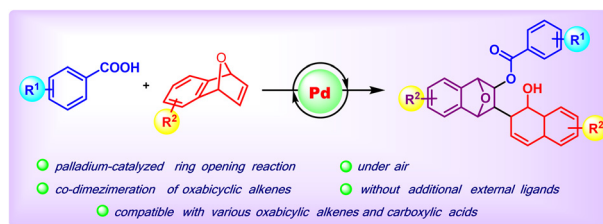
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Benchmarking of commercial Cu catalysts in CO₂ electro-reduction using a gas-diffusion type microfluidic flow electrolyzer

Haocheng Xiong, Jing Li, Donghuan Wu, Bingjun Xu* and Qi Lu*

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Palladium-catalyzed stereocontrolled ring-opening of 7-oxabenzonorbornadienes with organic carboxylic acids

Velautham Saravanan and Masilamani Jegannathan*

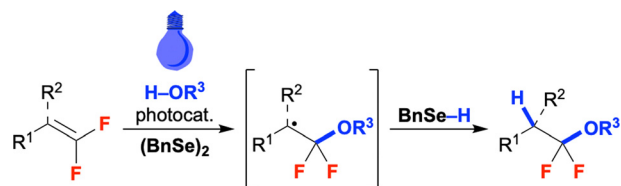


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A diselenide additive enables photocatalytic hydroalkoxylation of *gem*-difluoroalkenes

Ryan M. Herrick, Mohammed K. Abd El-Gaber, Gabriela Coy and Ryan A. Altman*



• Expanded scope of accessible α, α -difluorinated ethers

• Uncommon diselenide co-catalyst enables hydrofunctionalization

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Stabilizing the oxide cathode/sulfide solid electrolyte interface *via* a novel polyaniline coating prepared by ball milling

Zhu Li, Jiayu Miao, Wen Hu, Yanna Liu, Ming Li, Menglong Zhao, Jinping Liu and Liang Xiao*

