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IN THIS ISSUE

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Cover
See Masahiro Ehara, Mitsuhiro Shionoya *et al.*, pp. 6207–6215.
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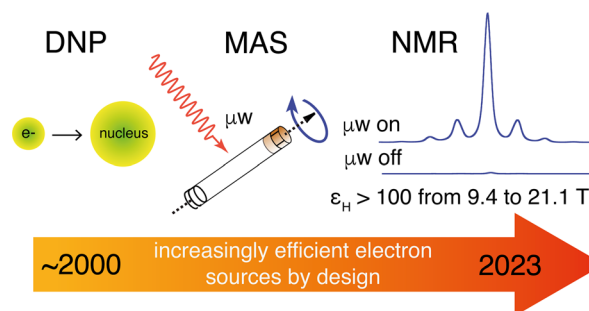
Inside cover
See Subhabrata Sen *et al.*, pp. 6216–6225.
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REVIEWS

6120

Polarizing agents for efficient high field DNP solid-state NMR spectroscopy under magic-angle spinning: from design principles to formulation strategies

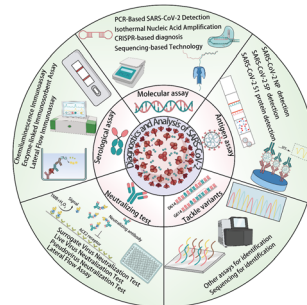
Georges Menzildjian, Judith Schlagnitweit, Gilles Casano, Olivier Ouari, David Gajan* and Anne Lesage*



6149

Diagnostics and analysis of SARS-CoV-2: current status, recent advances, challenges and perspectives

Tao Dong, Mingyang Wang, Junchong Liu, Pengxin Ma, Shuang Pang, Wanjian Liu and Aihua Liu*



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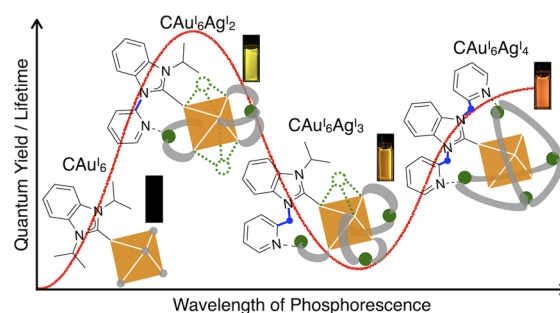
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6207

Photoluminescence control by atomically precise surface metallization of C-centered hexagold(I) clusters using N-heterocyclic carbenes

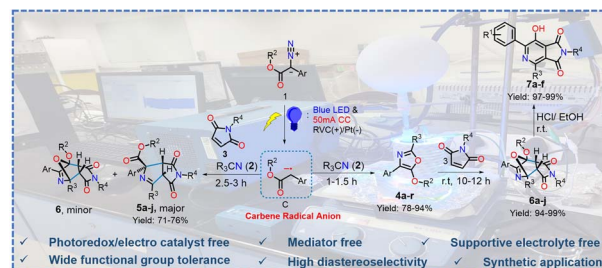
Zhen Lei, Pei Zhao, Xiao-Li Pei, Hitoshi Ube, Masahiro Ehara* and Mitsuhiro Shionoya*



6216

Unveiling catalyst-free electro-photochemical reactivity of aryl diazoesters and facile synthesis of oxazoles, imide-fused pyrroles and tetrahydro-epoxy-pyridines via carbene radical anions

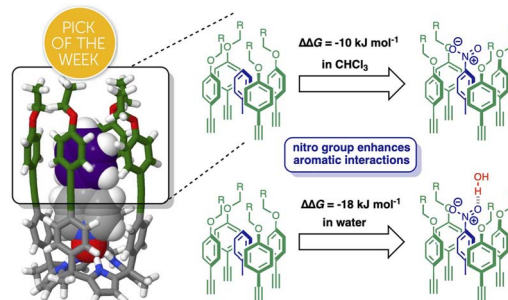
Debajit Maiti, Argha Saha, Srimanta Guin, Debabrata Maiti and Subhabrata Sen*



6226

Substituent effects on aromatic interactions in water

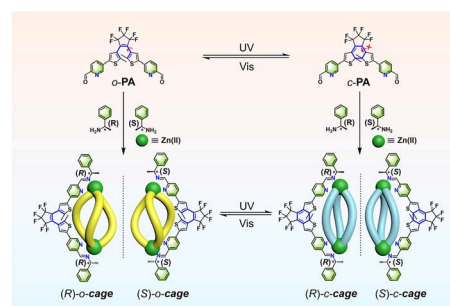
Gloria Tobajas-Curiel, Qingqing Sun, Jeremy K. M. Sanders, Pablo Ballester* and Christopher A. Hunter*



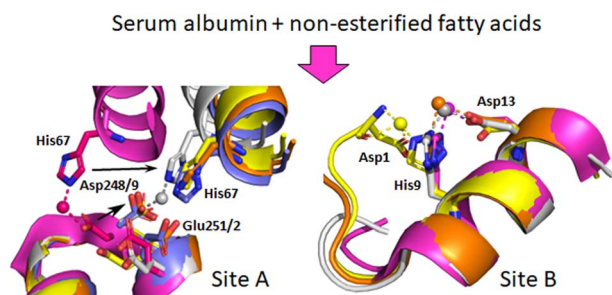
6237

Light-regulating chirality of metallacages featuring dithienylethene switches

Shaomeng Guo, Mengqi Li, Honglong Hu, Ting Xu, Hancheng Xi and Wei-Hong Zhu*



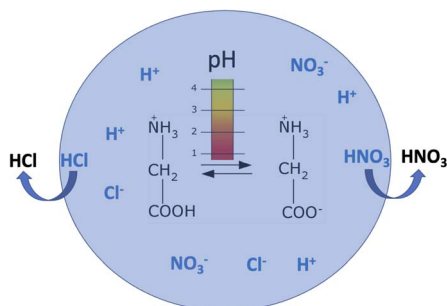
6244



Structural and biochemical characterisation of Co^{2+} -binding sites on serum albumins and their interplay with fatty acids

Dongmei Wu, Michal Gucwa, Mateusz P. Czub, David R. Cooper, Ivan G. Shabalin, Remi Fritzen, Swati Arya, Ulrich Schwarz-Linek, Claudia A. Blindauer, Wladek Minor* and Alan J. Stewart*

6259



Direct quantification of changes in pH within single levitated microdroplets and the kinetics of nitrate and chloride depletion

Kyle J. Angle and Vicki H. Grassian*

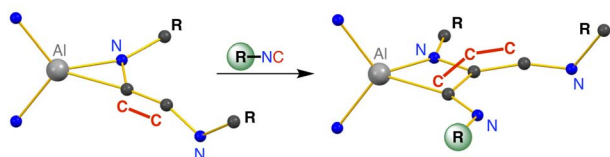
6269



On the non-bonding valence band and the electronic properties of poly(triazine imide), a graphitic carbon nitride

David Burmeister,* Alberto Eljarrat, Michele Guerrini, Eva Röck, Julian Plaickner, Christoph T. Koch, Natalie Banerji, Caterina Cocchi, Emil J. W. List-Kratochvil and Michael J. Bojdys*

6278



Controlled reductive C–C coupling of isocyanides promoted by an alumanyl anion

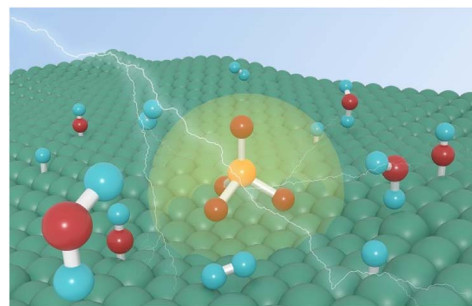
Matthew J. Evans, Mathew D. Anker,* Claire L. McMullin* and Martyn P. Coles*



6289

Promoting water formation in sulphate-functionalized Ru for efficient hydrogen oxidation reaction under alkaline electrolytes

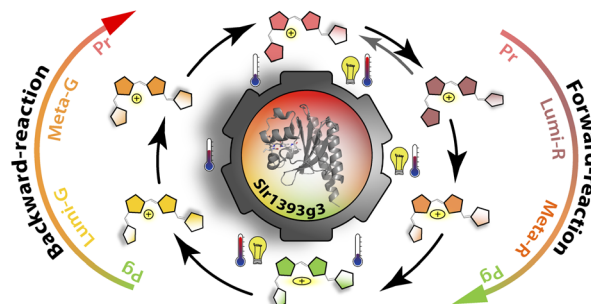
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6295

Photocycle of a cyanobacteriochrome: a charge defect on ring C impairs conjugation in chromophore

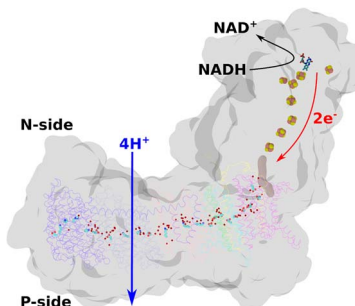
Lisa Köhler, Wolfgang Gärtner, Georgeta Salvan, Jörg Matysik,* Christian Wiebeler and Chen Song*



6309

Horizontal proton transfer across the antiporter-like subunits in mitochondrial respiratory complex I

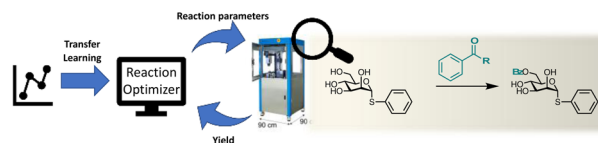
Oleksii Zdorevskiy, Amina Djurabekova, Jonathan Lasham and Vivek Sharma*



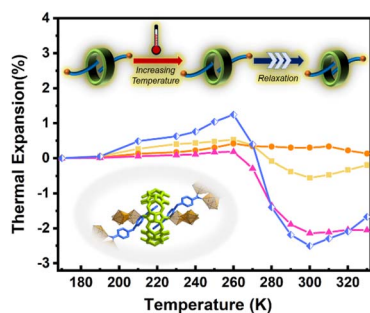
6319

Substrate specific closed-loop optimization of carbohydrate protective group chemistry using Bayesian optimization and transfer learning

Natasha Videcrantz Fauschou, Rolf Hejle Taaning and Christian Marcus Pedersen*



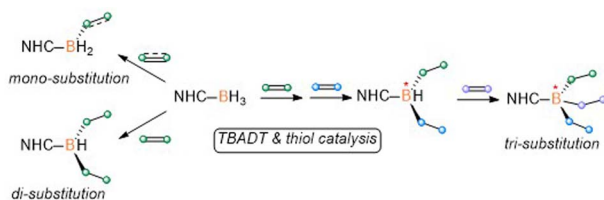
6330



Colossal negative thermal expansion in a cucurbit[8]uril-enabled uranyl-organic polythreading framework via thermally induced relaxation

Qiu-Yan Jin, Yuan-Yuan Liang, Zhi-Hui Zhang,^{*} Liao Meng, Jun-Shan Geng, Kong-Qiu Hu, Ji-Pan Yu, Zhi-Fang Chai, Lei Mei^{*} and Wei-Qun Shi^{*}

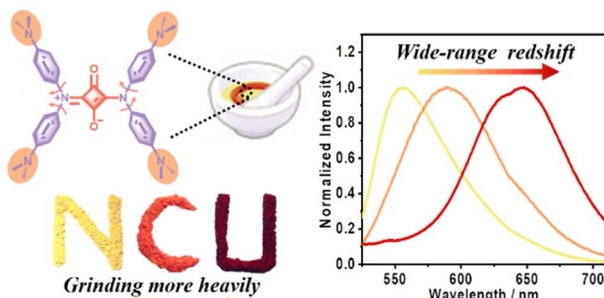
6341



Selective multifunctionalization of *N*-heterocyclic carbene boranes via the intermediacy of boron-centered radicals

Feng-Xing Li, Xinmou Wang, Jiabin Lin, Xiangyu Lou, Jing Ouyang, Guanwen Hu and Yangjian Qian^{*}

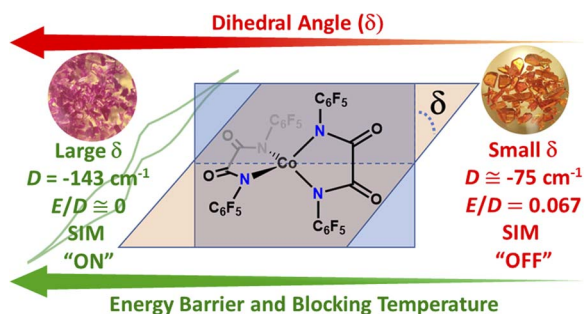
6348



Precise peripheral design enables propeller-like squaraine dye with highly sensitive and wide-range piezochromism

Weihan Guo, Mingda Wang, Leilei Si, Yigang Wang, Guomin Xia^{*} and Hongming Wang

6355



Air-stable four-coordinate cobalt(II) single-ion magnets: experimental and *ab initio* ligand field analyses of correlations between dihedral angles and magnetic anisotropy

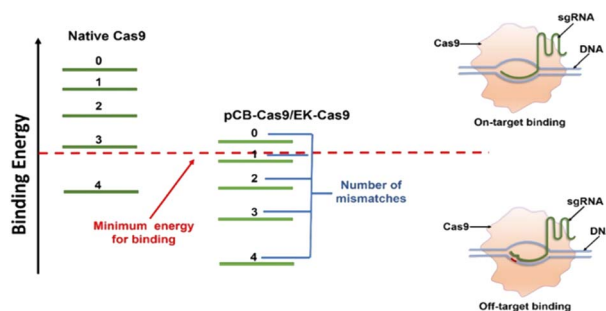
Sandeep K. Gupta, Shashank V. Rao, Serhiy Demeshko, Sebastian Dechert, Eckhard Bill, Mihail Atanasov,^{*} Frank Neese^{*} and Franc Meyer^{*}



6375

Minimizing the off-target frequency of the CRISPR/Cas9 system via zwitterionic polymer conjugation and peptide fusion

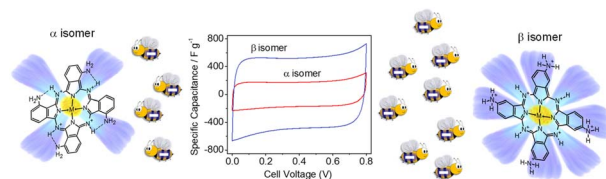
Yanjiao Han, Zhefan Yuan, Sijin Luo Zhong, Haoxian Xu and Shaoyi Jiang*



6383

Unprecedented energy storage in metal–organic complexes via constitutional isomerism

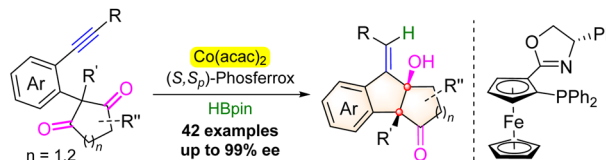
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6393

Cobalt-catalyzed enantioselective desymmetrizing reductive cyclization of alkynyl cyclodiketones

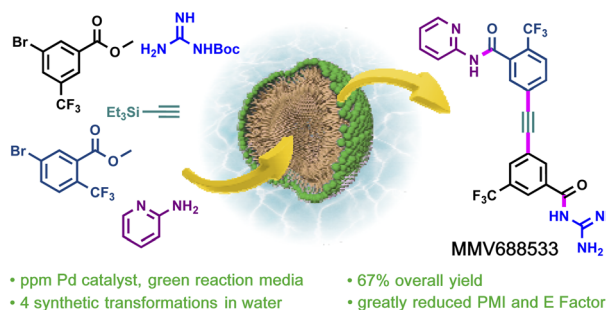
Ren-Xiao Liang,* Heng-Wei Tang, Jia-Liang Liu, Jian-Feng Xu, Ling-Jia Chen and Yi-Xia Jia*



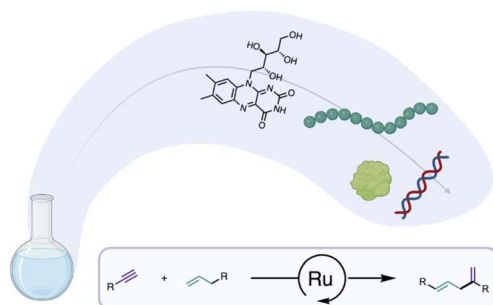
6399

A sustainable, efficient, and potentially cost-effective approach to the antimalarial drug candidate MMV688533

Rahul D. Kavthe, Karthik S. Iyer, Juan C. Caravez and Bruce H. Lipshutz*



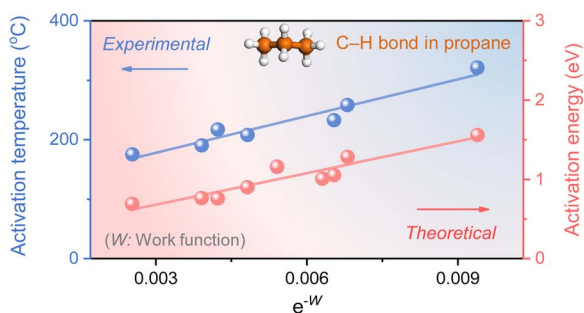
6408



Ruthenium-catalyzed intermolecular alkene–alkyne couplings in biologically relevant media

Alejandro Gutiérrez-González, Daniel Marcos-Atanes, Leonard G. Cool, Fernando López* and José L. Mascareñas*

6414



Tracking C–H bond activation for propane dehydrogenation over transition metal catalysts: work function shines

Xin Chang, Zhenpu Lu, Xianhui Wang, Zhi-Jian Zhao* and Jinlong Gong*

6420

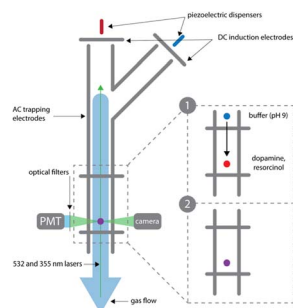


- J-coupling of anti-Kasha emitters
- molecular rigidity
- (anti)aromatic embedding

Rational design of anti-Kasha photoemission from a biazulene core embedded in an antiaromatic/ aromatic hybrid

Aitor Diaz-Andres, Jose Marín-Beloqui, Junting Wang, Junzhi Liu, Juan Casado and David Casanova*

6430



pH jump kinetics in colliding microdroplets: accelerated synthesis of azamonardine from dopamine and resorcinol

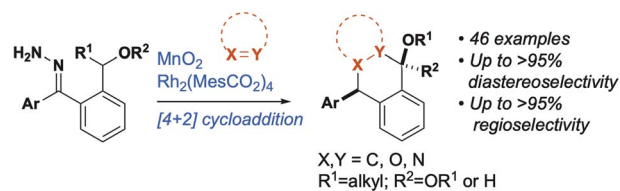
Emily K. Brown, Grazia Rovelli and Kevin R. Wilson*



6443

Catalytic generation of *ortho*-quinone dimethides via donor/donor rhodium carbenes

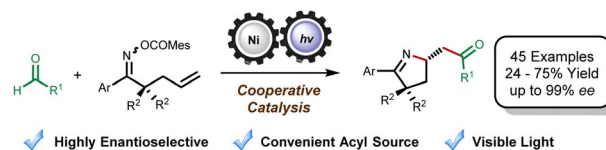
Mingchun Gao, Jose M. Ruiz, Emily Jimenez, Anna Lo, Croix J. Laconsay, James C. Fettinger, Dean J. Tantillo and Jared T. Shaw*



6449

Asymmetric imino-acylation of alkenes enabled by HAT-photo/nickel cocatalysis

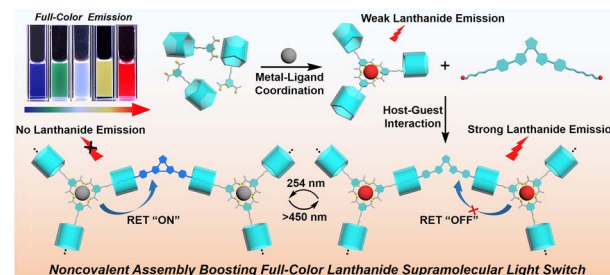
Rui Wang and Chuan Wang*



6457

A pillar[5]arene noncovalent assembly boosts a full-color lanthanide supramolecular light switch

Wei-Lei Zhou, Xian-Yin Dai, Wenjing Lin, Yong Chen and Yu Liu*



6467

Computer-assisted multistep chemoenzymatic retrosynthesis using a chemical synthesis planner

Karthik Sankaranarayanan and Klavs F. Jensen*

