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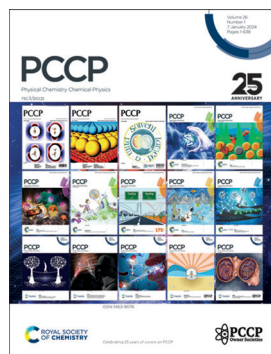
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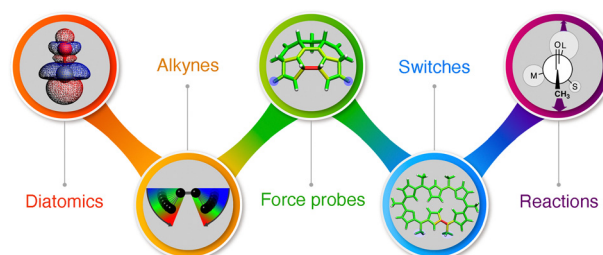
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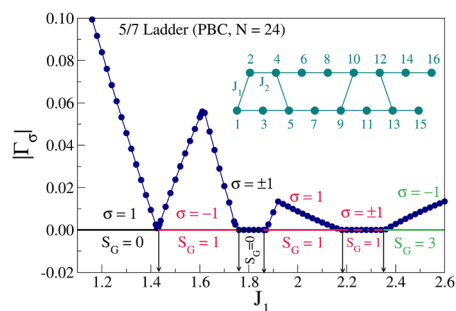
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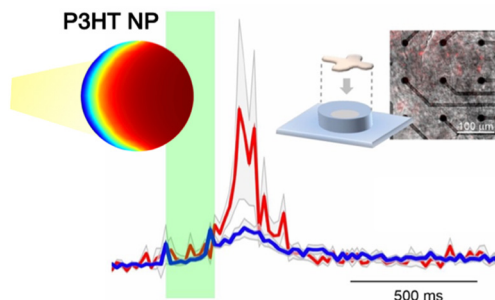


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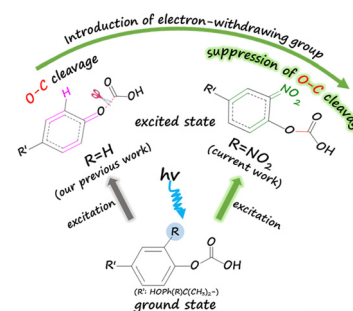
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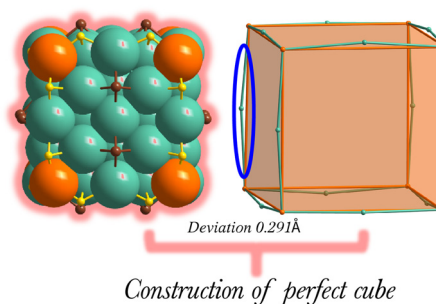
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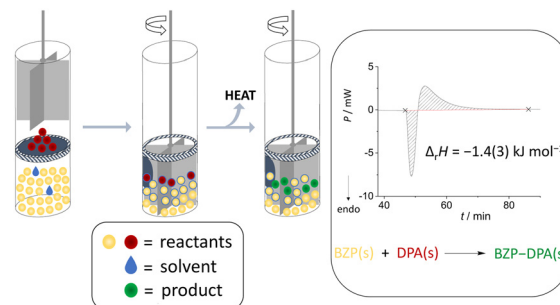


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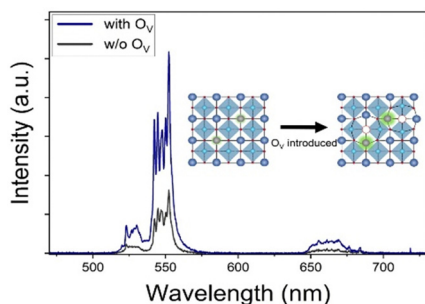
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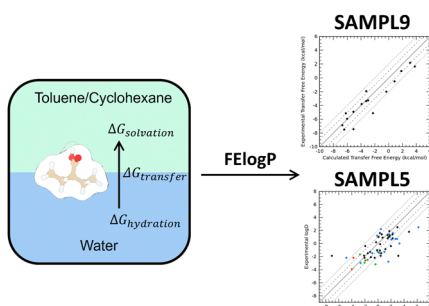
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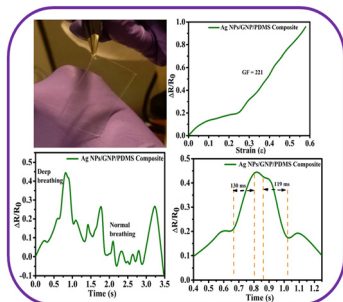
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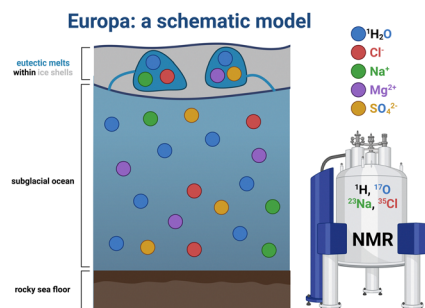
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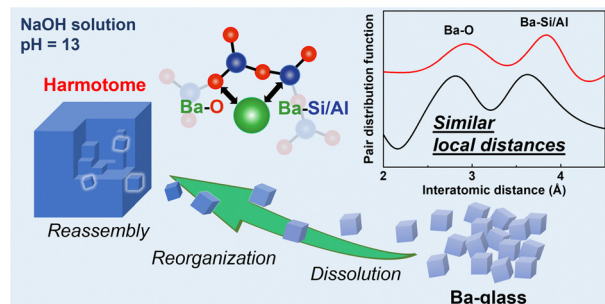
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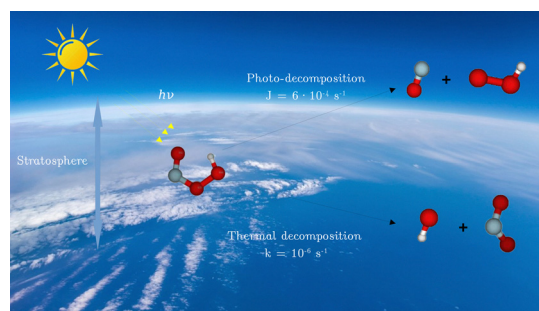
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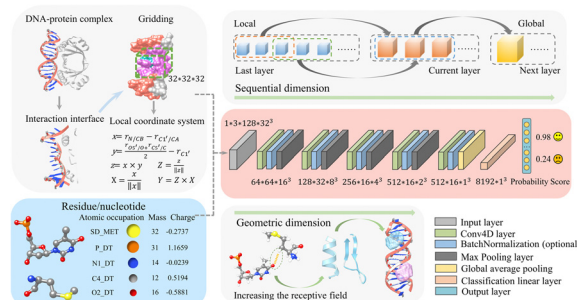
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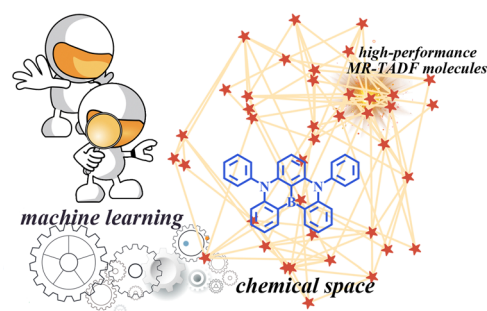
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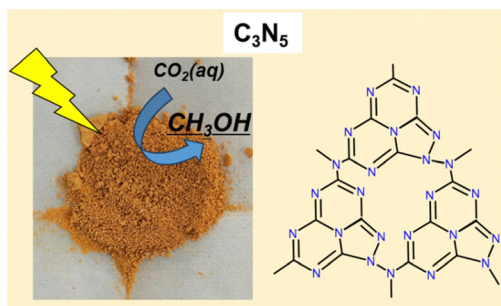
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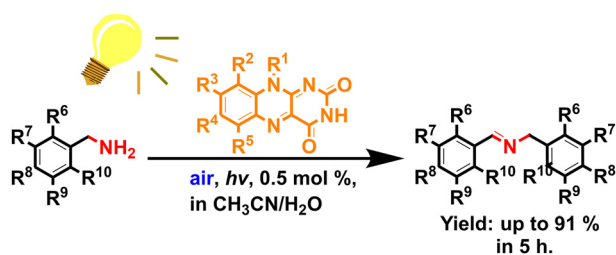
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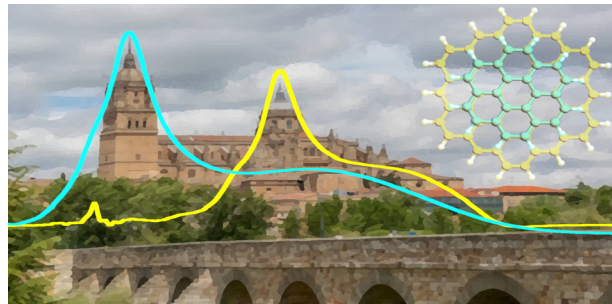
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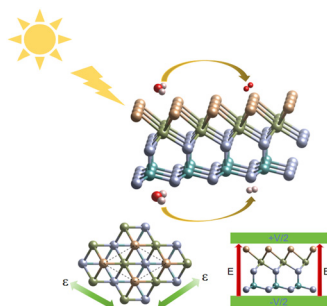
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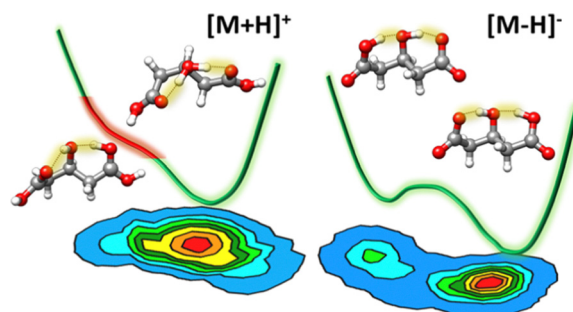


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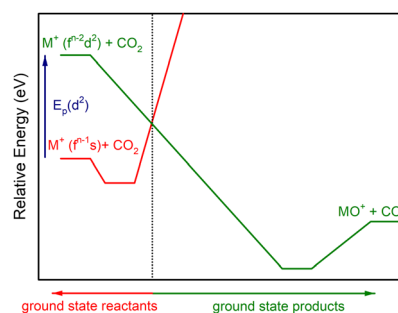
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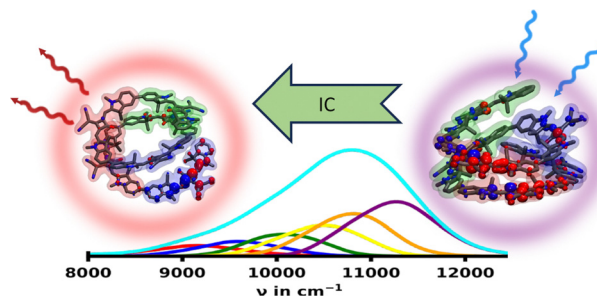
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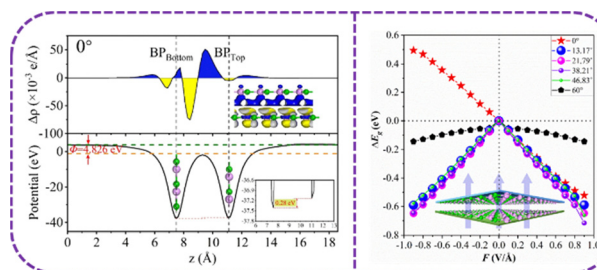
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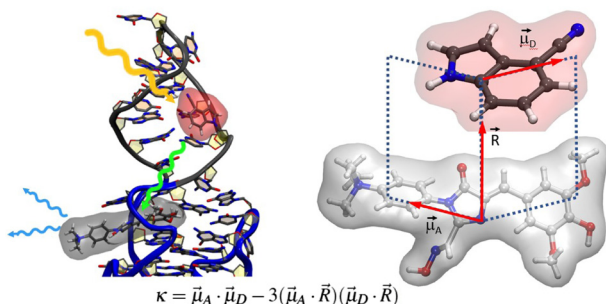
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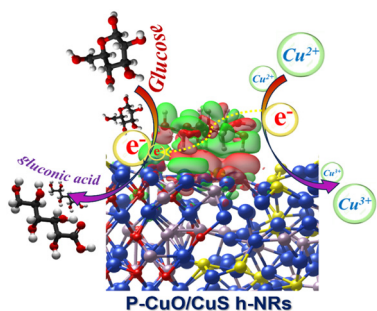
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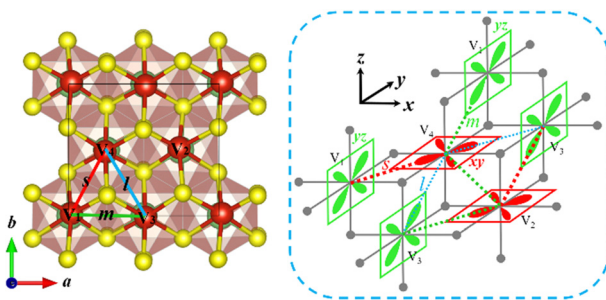
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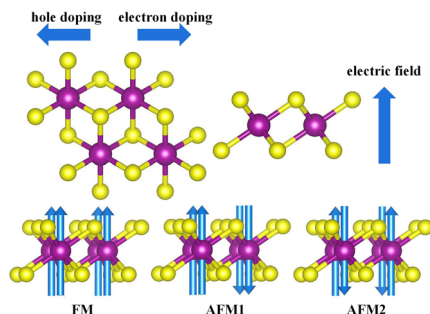
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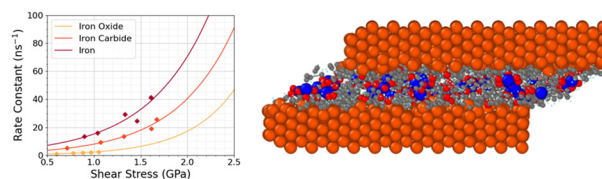
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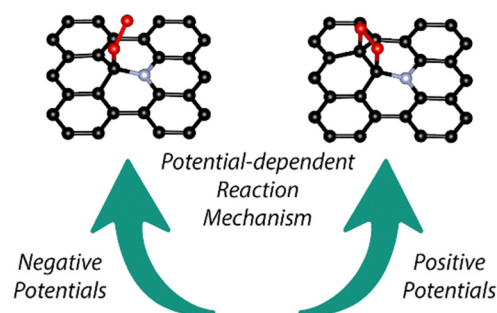
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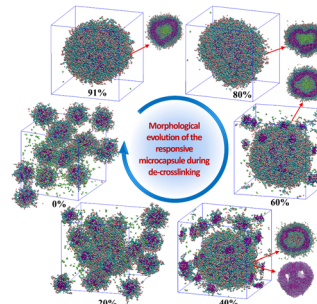
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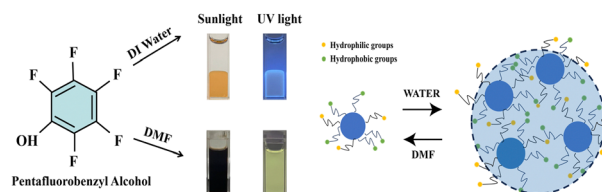
Zhikun Wang, Fengting Li, Li Wang, Yueqi Liu, Miantuo Li, Nannan Cui, Chunling Li, Shuangqing Sun* and Songqing Hu*



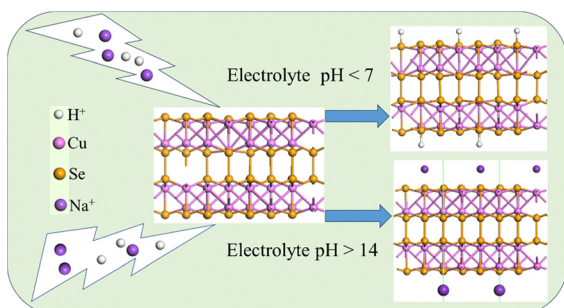
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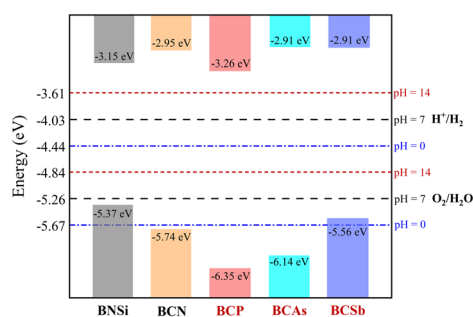
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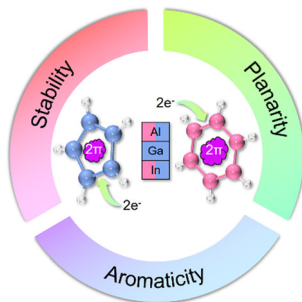
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Luqi Liu, Xuxin Kang, Shan Gao* and Xiangmei Duan*

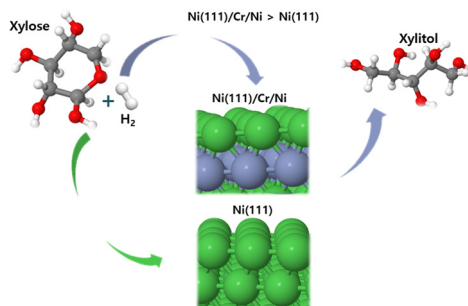
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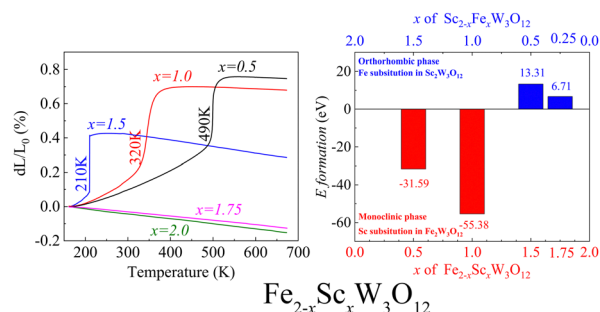


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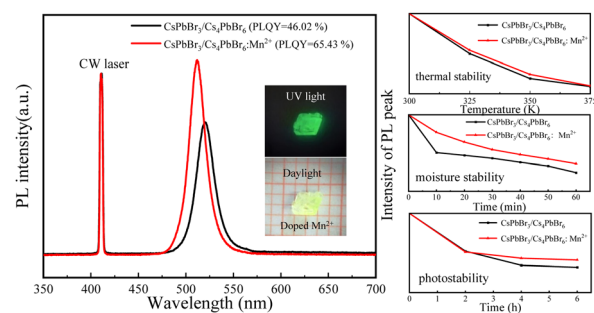
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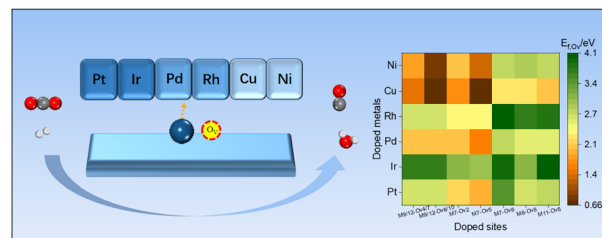
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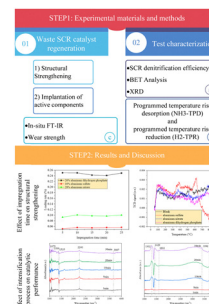
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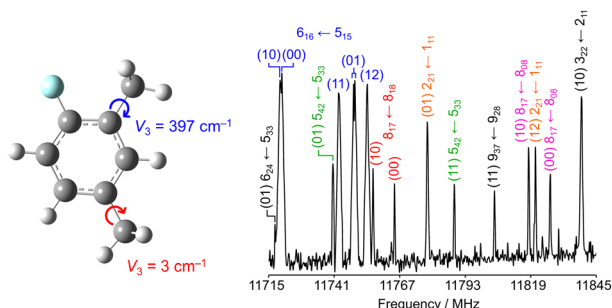
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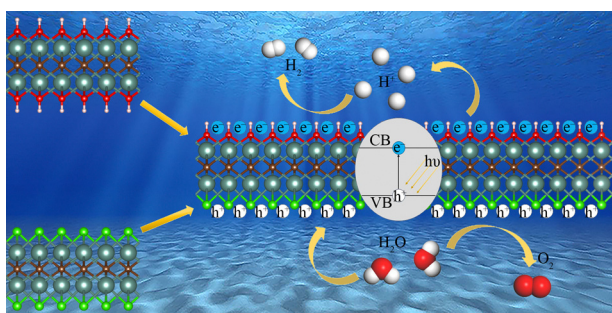
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Approaching the free rotor limit: extremely low methyl torsional barrier observed in the microwave spectrum of 2,4-dimethylfluorobenzene

Safa Khemissi,* Martin Schwell, Isabelle Kleiner and Ha Vinh Lam Nguyen*

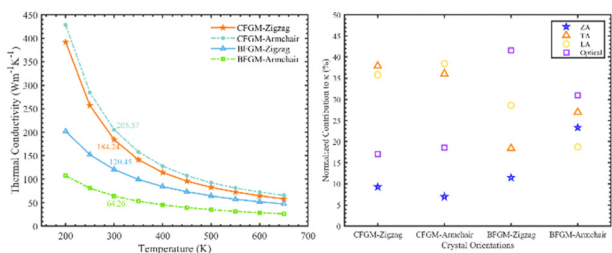
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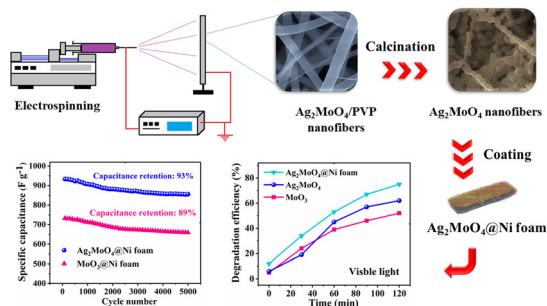
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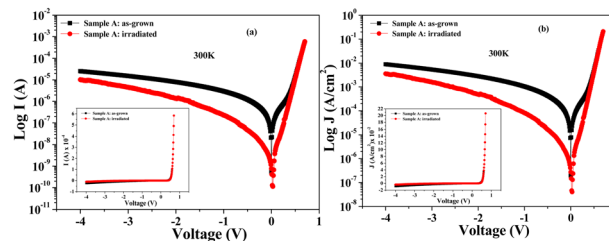


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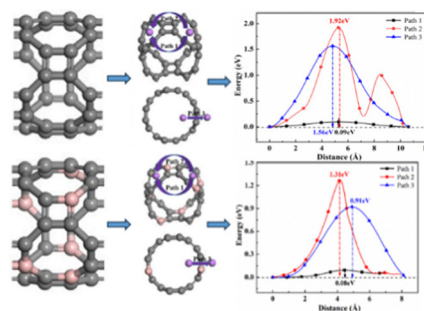
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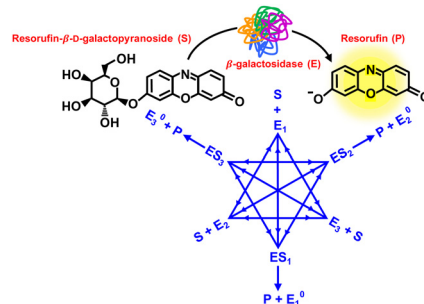
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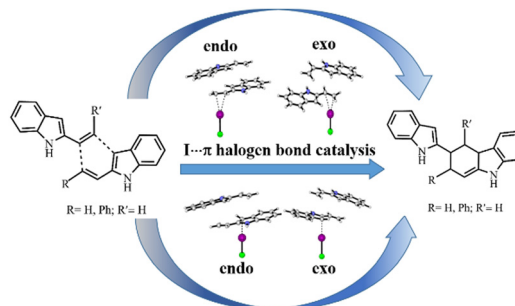
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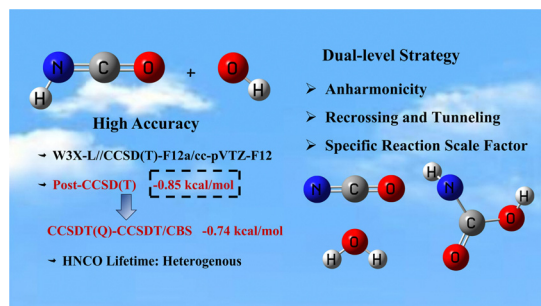
Halogen bond catalysis of the [4+2] cycloaddition reaction of 2-alkenylindoles: catalytic modes and stereoselectivity

Ying Li, Chang Zhao, Huaiyu Zhang* and Yanli Zeng*



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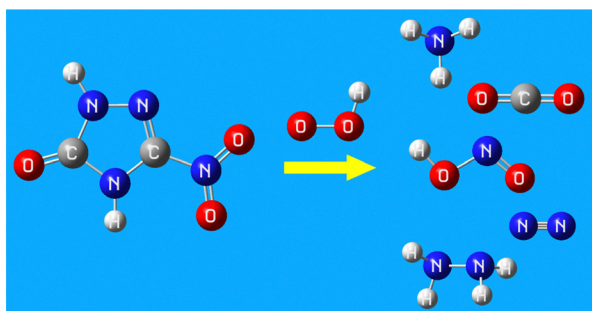
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Quantitative kinetics of the atmospheric reaction between isocyanic acid and hydroxyl radicals: post-CCSD(T) contribution, anharmonicity, recrossing effects, torsional anharmonicity, and tunneling

Dai-Dan Deng and Bo Long*

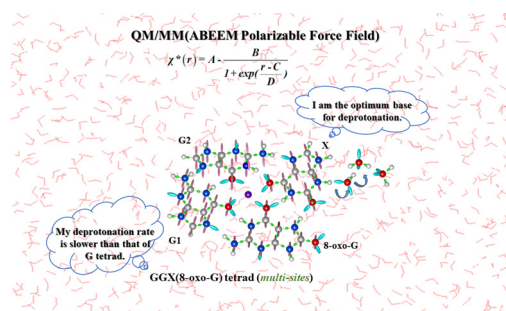
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Degradation of NTO induced by superoxide and hydroperoxyl radicals: a comprehensive DFT study

Liudmyla K. Sviatenko, Leonid Gorb and Jerzy Leszczynski*

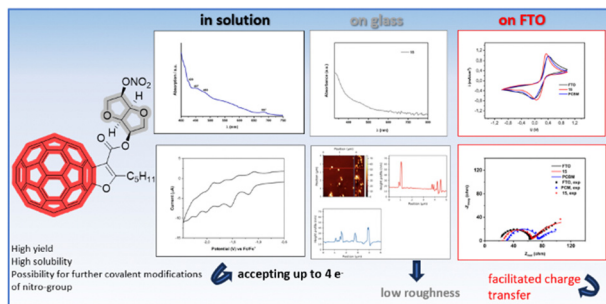
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Exploring fullerene derivatives for optoelectronic applications: synthesis and characterization study

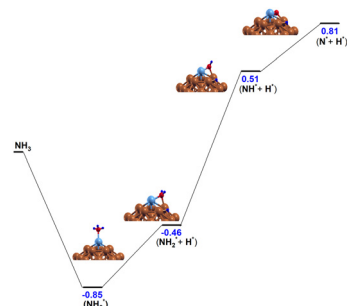
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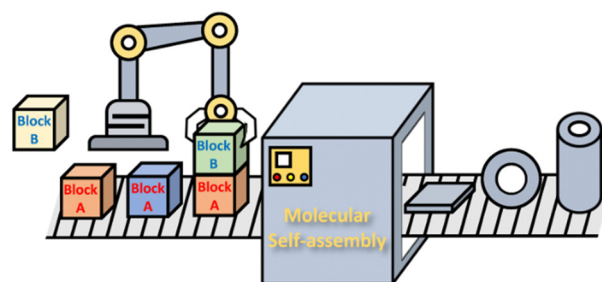
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Self-assembly morphology transition mechanism of similar amphiphilic molecules

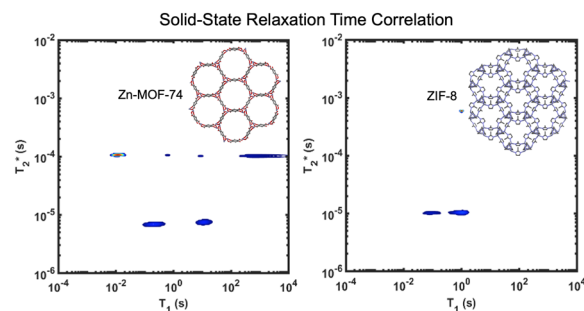
Junben Weng, Haojiang Yao, Junfeng Wang* and Guohui Li*



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In situ monitoring of mechanochemical MOF formation by NMR relaxation time correlation

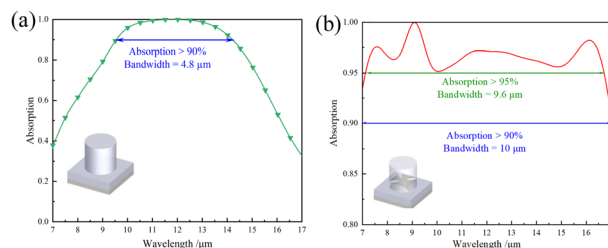
Madeleine E. Leger, Jiangfeng Guo, Bryce MacMillan, Hatem M. Titi, Tomislav Friščić, Bruce Balcom* and Barry A. Blight*



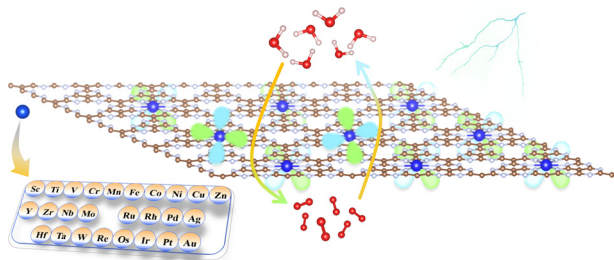
551

Design of metamaterial perfect absorbers in the long-wave infrared region

Yang Wang, Xiu Li, Shenbing Wu, Changjun Hu and Yuanyuan Liu*



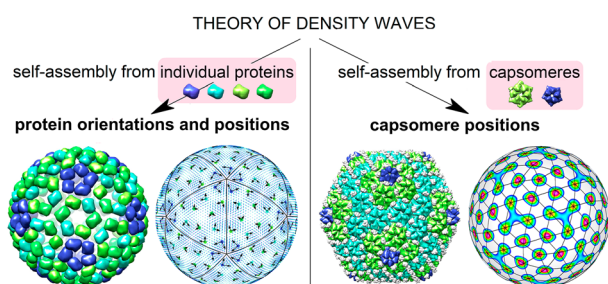
558



The regulatory function of the d-orbital structure in TM@t-C₄N₃ for bifunctional catalysis of the oxygen evolution/reduction reaction

Zhenduo Wang, Meichen Wu, Yuhong Huang, Jianmin Zhang* and Xiumei Wei*

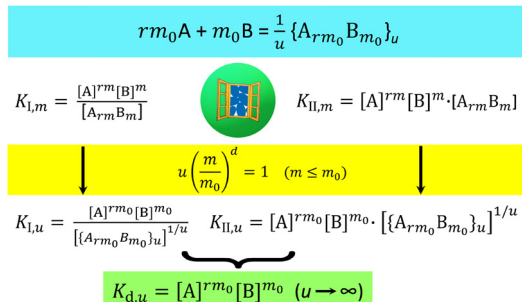
569



Theory of density waves and organization of proteins in icosahedral virus capsids

Olga V. Konevtsova, Dmitrii V. Chalin and Sergei B. Rochal*

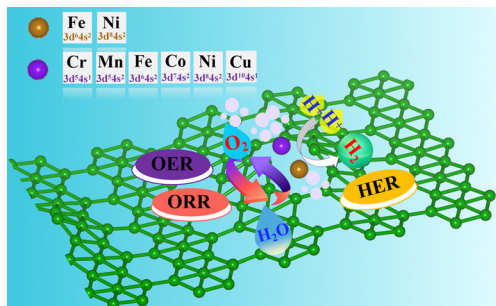
581



Pseudo-equilibrium equations for calcium phosphate precipitation with multi-unit particles

Tian-Lan Zhang

594



Bifunctional diatomic site catalysts supported by β_{12} -borophene for efficient oxygen evolution and reduction reactions

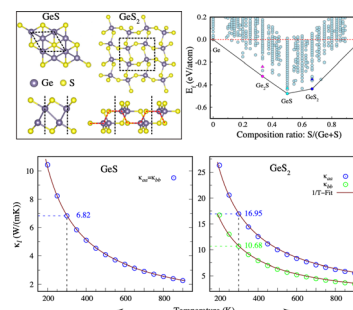
Jia Liu, Minjing Zhang, Si-Dian Li* and Yuewen Mu*



602

Prediction of novel ground-state structures and analysis of phonon transport in two-dimensional Ge_xS_y compounds

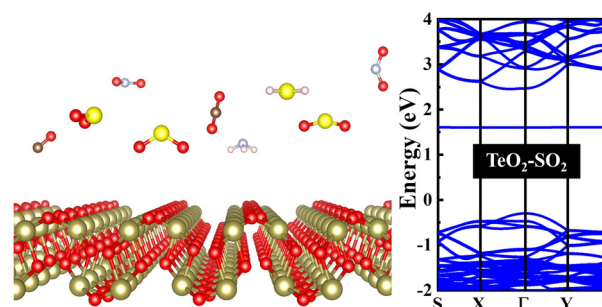
Asad Ali and Young-Han Shin*



612

Adsorption and sensing performance of air pollutants on a $\beta\text{-TeO}_2$ monolayer: a first-principles study

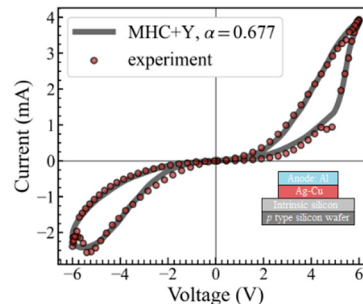
Ying Wang, Shiyong Guo,* Xiaoyong Xu, Jing Pan, Jingguo Hu and Shengli Zhang*



621

Fractional Marcus–Hush–Chidsey–Yakopcic current–voltage model for redox-based resistive memory devices

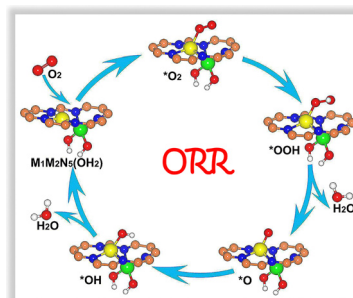
G. V. Paradezhenko,* D. V. Prodan, A. A. Pervishko, D. Yudin and A. Allagui



628

Boosting the oxygen reduction reaction activity of dual-atom catalysts on N-doped graphene by regulating the N coordination environment

Lei Li,* Xiaoxia Wu, Qiuying Du, Narsu Bai and Yuhua Wen*



CORRECTION

635

Correction: Structural, electronic, optical, elastic, thermodynamic and thermal transport properties of $\text{Cs}_2\text{AgInCl}_6$ and $\text{Cs}_2\text{AgSbCl}_6$ double perovskite semiconductors using a first-principles study

Keqing Zhang, Lijun Zhang, S. K. S. Saravana Karthikeyan, Chang Yi Kong, Fuchun Zhang, Xiang Guo,*
Nam Nguyen Dang, Sankar Ganesh Ramaraj* and Xinghui Liu*

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