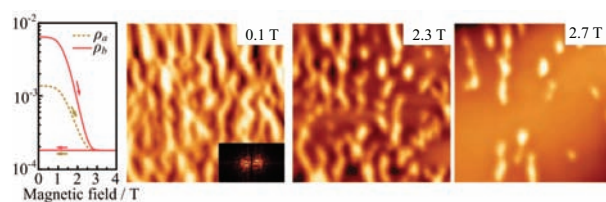


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Visualization of Melting of Antiferromagnetic Insulator Phase in Phase-Separated Manganite Film using Magnetic Force Microscopy

Hai-biao Zhou, Yu-bin Hou, Qing-you Lu*

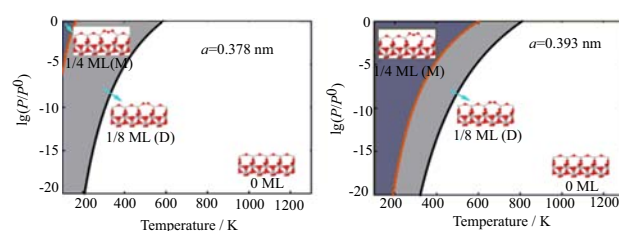
Chin. J. Chem. Phys. **28**, 661–663 (2015)



Oxidation of Anatase TiO₂(001) (1×4) Surface

Kuan-da Chen, Yong-liang Shi, Jin Zhao*

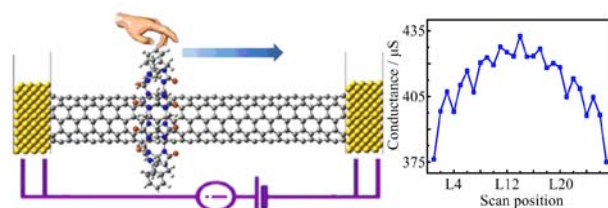
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One-Dimensional Scanning of Electronic Wavefunction in Carbon Nanotubes by Molecular Encapsulation

Gui Ye, Jun Li, Ming-sen Deng, Jun Jiang*

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Chemical Empiricism 2.0 at Age of Big Data: Large-Scale Prediction of Reaction Pathways Based on Bond Dissociation Energies

Shi-lu Chen*

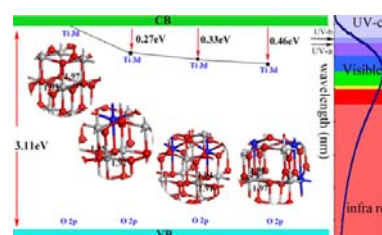
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First-Principles Study of La Doping Effects on the Electronic Structures and Photocatalytic Properties of Anatase TiO₂

Ping Huang, Bo Shang*, Ling-jie Li, Jing-lei Lei

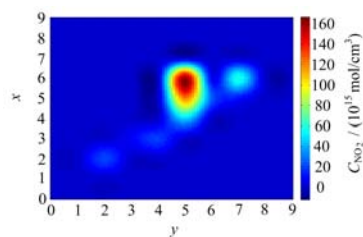
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Reconstruction of Smoke Plume Concentration Peaks Based on Modified MAX-DOAS Tomography

Min-hong Wei, Min-ming Tong, Su-wen Li*

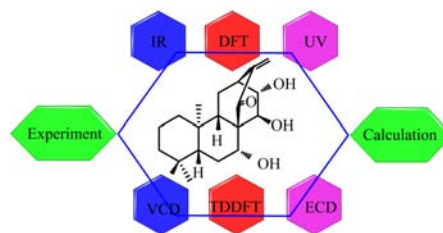
Chin. J. Chem. Phys. **28**, 688–694 (2015)



Electronic Structure and Circular Dichroism of Natural Alboatisins Isolated from Aerial Parts of *Isodon Alopilosus*: DFT and TDDFT Study

Gao-zhang Gou*, Bo Zhou, Ling Shi, Shao-ming Chi, Xian-lan Chen, Wei Liu*

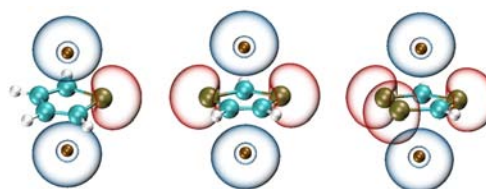
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Theoretical Study on Inverse Sandwich Complexes $[E-C_{5-n}H_{5-n}N_n-E]^+$ and $[E-C_{5-n}H_{5-n}P_n-E]^+$ ($n=1, 2, 3$; $E=Al, Ga, In, Tl$)

Nan-nan Liu*, Yi-hong Ding*

Chin. J. Chem. Phys. **28**, 703–710 (2015)

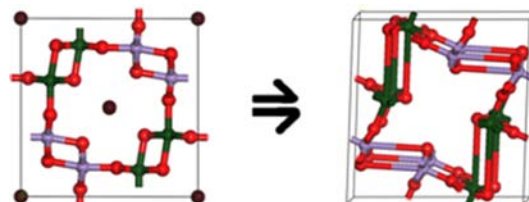


Multiple lone pairs electrons for inverse sandwich $[E-C_{5-n}H_{5-n}P_n-E]^+$

Importance of Metal Cations and Water for Stability of MnO_2 Crystals

Zhi-gang Wei*, Jia-hong Yan, Yang Wu, Yue Liu

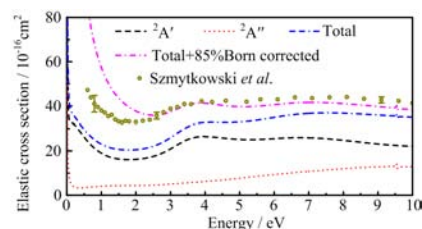
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Elastic Low-Energy Electron Collisions with Methanethiol

Ke-dong Wang*, Ju Meng

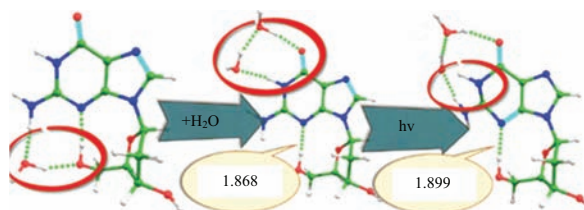
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TDDFT Study on Excited-State Hydrogen Bonding of 2'-Deoxyguanosine in H_2O Solution

Dong-lin Li, Hui Li, Yong-gang Yang, Yu-fang Liu*

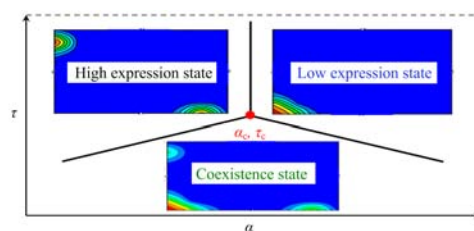
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Effects of Time Delay on the Multistability of Genetic Toggle Switch

De-qing Zhu, Hui-jun Jiang, Zhong-huai Hou*

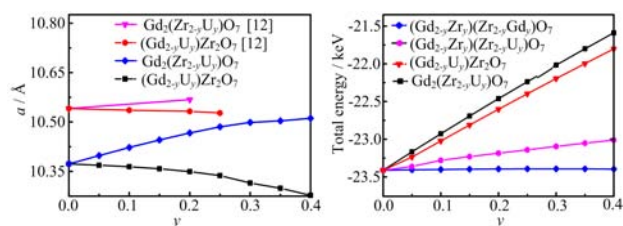
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First Principles Study of Uranium Solubility in $Gd_2Zr_2O_7$ Pyrochlore

Qing-yun Chen, Kai-min Shih*, Chuan-min Meng*, Lie-lin Wang, Hua Xie, Tao Wu

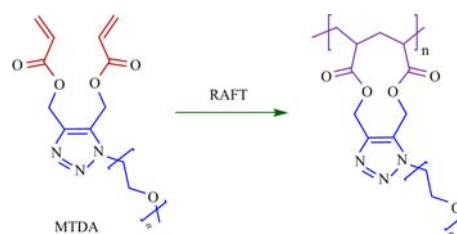
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Synthesis and Characterization of PEG Polymer Brushes via Cyclopolymerization of 1,2,3-Triazole Tethered Diacrylates

Xiao-ying Zhao, He-wen Liu*

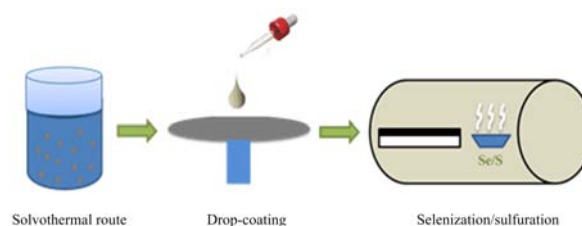
Chin. J. Chem. Phys. **28**, 739–745 (2015)



Preparation of $Cu(In,Al)(Se,S)_2$ Thin Films by Low-Cost Non-vacuum Hybrid Process

Zhao-fan Liu, Wei Xia, Chen-chen Yuan, Pai-feng Luo*

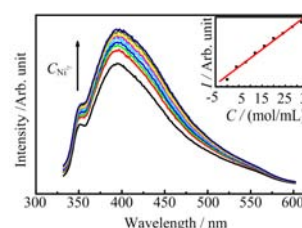
Chin. J. Chem. Phys. **28**, 746–750 (2015)



Synthesis, Characterization, and Fluorescence Sensor Property of Polyurethane/ Ag_2S Nanostrips

Shan Wang*, Yi Huang, Jian-she Yue

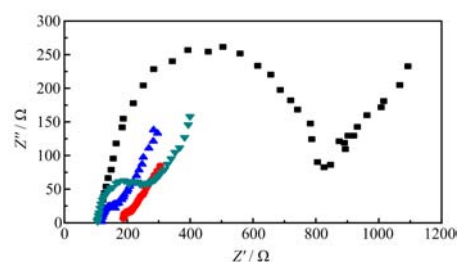
Chin. J. Chem. Phys. **28**, 751–754 (2015)



High-Sensitive Glucose Biosensor Based on Ionic Liquid Doped Polyaniline/Prussian Blue Composite Film

Yao Yao, Shou-guo Wu*, Hai-hong Xu, Li-wen Wang

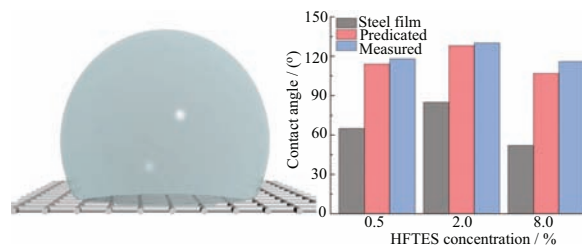
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Miniature Boat Fabrication with Striking Loading Capacity in Seawater from Hydrophobic Steel Mesh

Zai-xing Jiang, Ming-qiang Wang, Hao Cheng, Hai-bao Lv, Yong-tao Yao, Yong-ping Bai, Lu Shao*, Yu-dong Huang*

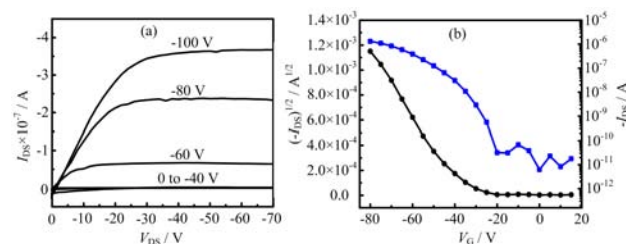
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Pyrene Derivate Functionalized with Acetylene for Organic Field Effect Transistors

Zuo-qin Liang*, Jie Zhou, Xiao-mei Wang, Xu-tang Tao

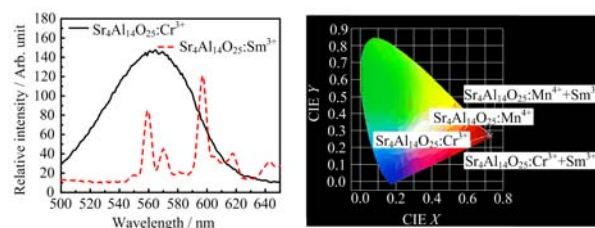
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Effects of Sm Co-doping on Luminescent Properties of $Sr_4Al_{14}O_{25}:M$ ($M=Mn^{4+}, Cr^{3+}$) Phosphors

Yu-dong Xu*, Xu-dong Peng, Lei Wang*, Min Shi, Yuan Zhang, Quan Wang, San Qi, Ning Ding

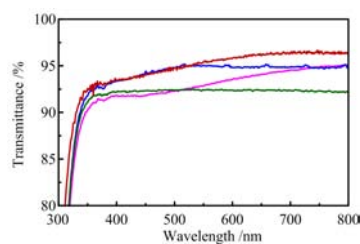
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Antireflective and Self-cleaning Properties of SiO_2/TiO_2 Double-Layer Films Prepared by Cost-Effective Sol-Gel Process

Hui Zhang, Duo-wang Fan*, Tian-zhi Yu, Cheng-long Wang

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Chinese Abstracts

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