

## Chinese partner journals 2010 highlights

I am delighted to present a collection of abstracts highlighting some of the best work published during 2010 in IOP Publishing's Chinese Partner Journals. These selected articles showcase the range of research published in these eight Chinese-origin physics and astronomy journals, and have been chosen based on the high quality of research they present.

Publisher, Chinese partner journals  
Sarah Quin

## Chinese Physics Letters

### Nonvolatile Memory Effect in Organic Thin-Film Transistor Based on Aluminum Nanoparticle Floating Gate

Wang Wei and Ma Dong-Ge

2010 *Chinese Phys. Lett.* **27** 018503

doi: [10.1088/0256-307X/27/1/018503](https://doi.org/10.1088/0256-307X/27/1/018503)  Tag this article

### A First Principles Study on $m\text{Al}_{\text{Zn}} - n\text{No}$ Complex Doped ZnO

Shi Li-Bin, Chi Feng and Xu Cui-Yan

2010 *Chinese Phys. Lett.* **27** 017102

doi: [10.1088/0256-307X/27/1/017102](https://doi.org/10.1088/0256-307X/27/1/017102)  Tag this article

### Analytical Solutions to the Klein–Gordon Equation with Position-Dependent Mass for $q$ -Parameter Pöschl–Teller Potential

Altuğ Arda, Ramazan Sever and Cevdet Tezcan

2010 *Chinese Phys. Lett.* **27** 010306

doi: [10.1088/0256-307X/27/1/010306](https://doi.org/10.1088/0256-307X/27/1/010306)  Tag this article

## Communications in Theoretical Physics

### Noncommutative Inspired Reissner–Nordström Black Holes in Large Extra Dimensions

Kourosh Nozari and S. Hamid Mehdipour

2010 *Commun. Theor. Phys.* **53** 503

doi: [10.1088/0253-6102/53/3/20](https://doi.org/10.1088/0253-6102/53/3/20)  Tag this article

### Single Transverse Spin Asymmetries at Parton Level

Cao Hui-Geng, Ma Jian-Ping and Sang Hua-Zheng

2010 *Commun. Theor. Phys.* **53** 313

doi: [10.1088/0253-6102/53/2/21](https://doi.org/10.1088/0253-6102/53/2/21)  Tag this article

### Influences of a Side-Coupled Triple Quantum Dot on Kondo Transport Through a Quantum Dot

Jiang Zhao-Tan, Yang Yan-Nan and Qin Zhi-Jie

2010 *Commun. Theor. Phys.* **54** 925

doi: [10.1088/0253-6102/54/5/27](https://doi.org/10.1088/0253-6102/54/5/27)  Tag this article

## Chinese Physics B

### Order of magnetic transition and large magnetocaloric effect in $\text{Er}_3\text{Co}$

Shen Jun, Zhao Jin-Liang, Hu Feng-Xia, Wu Jian-Feng, Sun Ji-Rong and Shen Bao-Gen

2010 *Chinese Phys. B* **19** 047502

doi: [10.1088/1674-1056/19/4/047502](https://doi.org/10.1088/1674-1056/19/4/047502)  Tag this article

### Structural and physical properties of undoped and nickel-doped $\text{BaFe}_{2-x}\text{Ni}_x\text{As}_2$ ( $x = 0, 0.04$ ) single crystals

Li Zheng-Cai, Lu Wei, Dong Xiao-Li, Zhou Fang and Zhao Zhong-Xian

2010 *Chinese Phys. B* **19** 086101

doi: [10.1088/1674-1056/19/8/086101](https://doi.org/10.1088/1674-1056/19/8/086101)  Tag this article

### Development of silicon purification by strong radiation catalysis method

Chen Ying-Tian (  ), Ho Tso-Hsiu (  ), Lim Chern-Sing (  ) and Lim Boon Han (  )

2010 *Chinese Phys. B* **19** 118105

doi: [10.1088/1674-1056/19/11/118105](https://doi.org/10.1088/1674-1056/19/11/118105)  Tag this article

## Chinese Physics C

### Casas–Ibarra parametrization and leptogenesis

Xing Zhi-Zhong

2010 *Chinese Phys. C* **34** 1

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