



Review Article

Recent developments of film bulk acoustic resonators

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Preparation and low-frequency microwave-absorbing properties of MWCNTs/Co–Ni/Fe₃O₄ hybrid material

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Jiao Duan, Yan Liu, Yanjing Gu, Xiuhong Pan, Xiaojie Zheng, Wei Wang, Huimei Yu, Jianding Yu

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Hydrothermal synthesis of BaYbF₅:Tm³⁺ nanoparticles for dual-modal upconversion near-infrared luminescence and magnetic resonance imaging

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Fabrication, characterization and magnetic properties of Na-doped ZnO nanorods

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Measuring photoluminescence spectra of self-assembly array nanowire of colloidal CdSe quantum dots using scanning near-field optics microscopy

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Covalent modification of graphite oxide with acetic anhydride to enhance dispersibility in organic solvents

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Pei-Ying Li, Kai-Yu Cheng, Xiu-Cheng Zheng, Pu Liu, Xiu-Juan Xu

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Photovoltaic lithium-ion battery fabricated by molecular precursor method

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Orientation modulated charge transport in hematite for photoelectrochemical water splitting

Jiajia Cai, Yinglei Liu, Song Li, Meiqi Gao, Dunwei Wang, Gaowu Qin

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Synthesis and conduction mechanism of high proton conductor $\text{H}_6\text{SiW}_{10}\text{V}_2\text{O}_{40} \cdot 14\text{H}_2\text{O}$

Huaxue Cai, Tianpei Huang, Qingyin Wu, Wenfu Yan

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Synthesis and luminescence properties of $(\text{Lu}_{0.95-x}\text{Ce}_{0.05})_2\text{Ca}_{1+2x}\text{Mg}_2\text{Si}_3\text{O}_{12}$ silicate garnet phosphors and its applications

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One-step electrolytic preparation of Si-Fe alloys as anodes for lithium ion batteries

Hailong Wang, Diankun Sun, Qiqi Song, Wenqi Xie, Xu Jiang, Bo Zhang

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Graphite-specific peptide mediated synthesis of Pt nanoparticles on reduced graphene oxide for electrochemical detection of H_2O_2

Li Wang, Yantao Sun, Xiangxin Xue, Yujing Sun, Zhuang Li

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