



Review Article

The research progress of Li-ion battery separators with inorganic oxide nanoparticles by electrospinning: A mini review

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Research Articles

Light enhanced resistive switching in BaTiO₃/CoFeB/BaTiO₃ structure

Hongwei Li, Bai Sun, Lujun Wei, Jianhong Wu, Xiangjiang Jia, Wenxi Zhao, Peng Chen

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Excess lithium storage in LiFePO₄-Carbon interface by ball-milling

Hua Guo, Xiaohe Song, Jiaxin Zheng, Feng Pan

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Positive magnetoresistance of La_{0.7}Sr_{0.3}MnO₃/C composites

Yu. V. Kabirov, V. G. Gavriyachenko, A. S. Bogatin

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Nitrogen-doped carbon coated silicon derived from a facile strategy with enhanced performance for lithium storage

Lingxing Zeng, Renpin Liu, Heyuan Qiu, Xi Chen, Xiaoxia Huang, Peixun Xiong, Qingrong Qian, Qinghua Chen, Mingdeng Wei

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Nickel nanocrystals grown on sparse hierarchical CuS microflowers as high-performance counter electrodes for dye-sensitized solar cells

Zhaoliang Shi, Wei Zhou, Yiran Ma

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The fine control of porous pompon-like Mg-incorporated α -Ni(OH)₂ for enhanced supercapacities

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Effect of Ag⁺ and PO₄³⁻ ratios on the microstructure and photocatalytic activity of Ag₃PO₄

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Solvothermal preparation of phthalocyanine nanorod/rGO composites and their application to visible-light-responsive photocatalysts

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Influence of microstructure and AlPO₄ secondary-phase on the ionic conductivity of Li_{1.3}Al_{0.3}Ti_{1.7}(PO₄)₃ solid-state electrolyte

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