

中低温固体氧化物燃料电池研制

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摘要: 综述了中国科技大学生物质洁能源实验室在中低温固体氧化物燃料电池研究方面的最近进展, 包括电解质薄膜的制备技术, 阴极材料和用凝胶浇注法制备高性能的阳极材料。

关键词: 固体氧化物燃料电池; 电解质薄膜; 阴极材料; 阳极材料

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Development of low-to-intermediate temperature solid state oxide fuel cells

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Abstract: Recent development on low-to-intermediate solid oxide fuel cells (SOFCs) had been achieved at Laboratory for Biomass Clean Energy, USTC were reviewed. They were fabrication methods of thin electrolyte films cathode material and high performance anode material prepared by gel method.

Key words: SOFC; electrolyte membrane; cathode material; anode material

电池杂志

BATTERY BIMONTHLY