

BATTERY BIMONTHLY

Vol. 45 , Number 1 (Serial No. 231) , Feb. , 2015

Main Contents

An experimental study on anode exhaust cycle of air-cooled PEMFC	CHEN Dong-hao <i>et al</i> (3)
Effects of LiPF ₆ concentration on the performance of Li-ion battery	RAO Lei <i>et al</i> (6)
Performance of layered o-LiMnO ₂ synthesized by solid-state method	MA Shu-qian <i>et al</i> (10)
Effect of acid and lithium salt doping on lithium-polyaniline secondary battery	WANG Cheng-yun <i>et al</i> (14)
Rate performance of Li-rich manganese based cathode material power Li-ion battery	ZENG Min <i>et al</i> (18)
Performance of spinel cathode LiMn ₂ O ₄ prepared from spherical Mn ₃ O ₄	WANG Chang-yin <i>et al</i> (22)
Preparation and performance of Sn-Co-Zn nanorods array alloy electrode	CHANG Yu-qing <i>et al</i> (26)
Effects of particle size of EMD on the performance of Li/MnO ₂ battery	YANG Wei <i>et al</i> (29)
Effects of propylene glycol on electrochemical performance of gel electrolyte	CHEN Mei-qiong <i>et al</i> (31)
Effect of conductive agent on performance of positive electrode for Li-ion battery	YANG Zhong-fa <i>et al</i> (34)
Preparation and electrochemical performance of GP(NiOOH/Ni(OH) ₂)	LI Xiao-shan <i>et al</i> (37)
Preparing combing/melt-blown/combing spunlaced composite separator	TIAN Yu-cui <i>et al</i> (41)
Application of sodium alginate in Li-ion battery	DENG Yao-ming <i>et al</i> (45)
High cycle performance of Li[Li _{0.2} Mn _{0.54} Ni _{0.13} Co _{0.13}]O ₂ /BiPO ₄	HAO Hao <i>et al</i> (48)
Application of polyaspartic acid in recovering lead from spent lead-acid battery by hydrometallurgical process	CAI Jun-chao <i>et al</i> (51)
Research progress in the Li(Ni,Co,Al)O ₂ high-nickel cathode materials	LI Xiang <i>et al</i> (54)
Production technology and research progress in Li-ion battery separators	LIU Hui-hui <i>et al</i> (58)
News in brief	(2,13,17,21,25,33,44,57)

BATTERY BIMONTHLY (DIANCHI in Chinese) is edited and published six times a year by Hunan Research Institute of Light Industry, Changsha city, Hunan province, 410015 , the People's Republic of China.

Subscription rates for U. S. A. ,Japan and all other countries: \$ 100. 00(U. S. dollar) per year(includes Air Mail delivery).

Editor in Chief: Wen Li

Tel: (0731) 85141901

Editor: Luo Qiuwen

Fax: (0731) 85427570

Li Sheng

E-mail: batterie@ 126. com batterie@ yeah. net

<http://www.batterypub.com>