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最新电化学技术应用文献摘引

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- Li[Ni_{1/3}Co_{1/3}Mn_{1/3}]O₂共沉淀合成的优化 Lee M. H.; Kang Y. J.; Myung S. T.; Sun Y. K., *Electrochimica Acta*, 2004, Vol 50(4), 939~948
- 固态氧化物燃料电池氧电极的不均匀极化 Kenjō T.; Nojiri D., *Electrochimica Acta*, 2004, Vol 50(4), 995~1004
- 锂电池和锂离子电池电解质溶液设计:评论 Aurbach Doron; Talyosef Yosef; Markovsky Boris et al., *Electrochimica Acta*, 2004, Vol 50(2-3), 246~253
- LiFePO₄聚合物/天然石墨:低成本锂离子电池 Zaghbi K.; Striebel K.; Guerfi A.; et al., *Electrochimica Acta*, 2004, Vol 50(2-3), 262~269
- 混合盐对锂电池凝胶涂层聚合物电解质的影响 Kim Kyong-Soo; Song Min-Kyu; Kim Young-Taek et al., *Electrochimica Acta*, 2004, Vol 50(2-3), 284~287
- 盐种类对化学交联橡胶凝胶型聚合物电解质电化学性能的影响 Lee Kab-Youl; Chung Won-Sub; Jo Nam-Ju, *Electrochimica Acta*, 2004, Vol 50(2-3), 294~299
- 新型锂离子液体的传输性质 Shobukawa Hitoshi; Tokuda Hiroyuki; Tabata Sei-Ichiro; Watanabe Masayoshi, *Electrochimica Acta*, 2004, Vol 50(2-3), 304~308
- 含烷基氰和寡聚次乙基氧化物垂体的聚硅氧烷电解质 Lee Young Sik; Song Gi Sang; Kang Yongku; Suh Dong Hack, *Electrochimica Acta*, 2004, Vol 50(2-3), 310~315
- TMPTA-和 TMPETA 凝胶聚合物电解质的电化学表征 Kim Sung-H; Kim Hyun-Soo; Na Seong-Hwan; et al., *Electrochimica Acta*, 2004, Vol 50(2-3), 316~320
- 带聚合物涂层隔板的 Li/LiCoO₂电池循环性能 Jeong Yeon-Bok; Kim Dong-Won, *Electrochimica Acta*, 2004, Vol 50(2-3), 322~325
- 用于锂电池含 PVDF的 SiO₂复合凝胶型聚合物电解质研究 Wachtler Mario; Ostrovskii Denis; Jacobsson Per; Scrosati Bruno, *Electrochimica Acta*, 2004, Vol 50(2-3), 356~360
- 锂离子聚合物电池微多孔凝胶聚合物的制备 Kim Je Young; Kim Seok Koo; Lee Seung-Jin; Lee Sang Young; Lee Hyang Mok; Ahn Soonho, *Electrochimica Acta*, 2004, Vol 50(2-3), 362~365
- 用于薄膜型锂离子电池的嫁接缩水甘油异丁烯酸聚乙烯隔板 Ko J. M.; Min B. G.; Kim D. W.; et al., *Electrochimica Acta*, 2004, Vol 50(2-3), 366~369
- 二次锂电池 Cu_xFe_yV₂O₅干凝胶阴极 Choi Jong-Ho; Park Heai-Ku, *Electrochimica Acta*, 2004, Vol 50(2-3), 403~407
- 锂和锂离子聚合物电解质微电池的硫化铁薄膜阴极 Yufit V.; Freedman K.; Nathan M.; et al., *Electrochimica Acta*, 2004, Vol 50(2-3), 415~418
- 碳混合 LiFePO₄阴极材料新的合成法 Konstantinov K.; Bewlay S.; Wang G. X.; et al., *Electrochimica Acta*, 2004, Vol 50(2-3), 419~424
- 锂离子电池阴极材料 LNi_{0.75}Co_{0.25}O₂的制备和性质 Chen Yao; Wang G. X.; Tian J. P.; et al., *Electrochimica Acta*, 2004, Vol 50(2-3), 433~439
- 锂离子电池阴极材料 LNi_{1.5}Mn_{0.5}O₂的新合成路径 Na Seong-Hwan; Kim Hyun-Soo; Moon Seong-In, *Electrochimica Acta*

ta, 2004, Vol 50(2-3), 447~450

LMn₂O₄电极的新制备法和电化学性质 Son J T; Kim H G; Park Y J, Electrochimica Acta, 2004, Vol 50(2-3), 451~457

电化学水溶液回流法制作二次锂微电池 LiCoO₂膜 Lee Jin-Ho Han Kyoo-Seung Lee Bum-Jae et al, Electrochimica Acta, 2004, Vol 50(2-3), 465~469

乙酸自混合和直接热反应法制备 LiNi_{0.7}Co_{0.3}O₂ Lee SunWoo Jung Bum-Young Han Kyoo-Seung et al, Electrochimica Acta, 2004, Vol 50(2-3), 477~481

LMn_{1/3}Co_{1/3}Ni_{1/3}O₂阴极材料 Li (Mn + Co + Ni)摩尔比对电化学性质的影响 Todorov Yanko Marinov Numata Koichi, Electrochimica Acta, 2004, Vol 50(2-3), 493~497

冷冻干法合成 LiNi_{0.5}Mn_{0.5}O₂阴极材料 Shlyakhtin O. A.; Yoon Young Soo Choi Sun Hee Oh Young-Jei, Electrochimica Acta, 2004, Vol 50(2-3), 503~507

锂离子电池锡涂层 MCMB石墨阳极的电化学表征 Wang G. X.; Yao Jan's Liu H. K.; Dou S. X.; Ahn Jung-ho, Electrochimica Acta, 2004, Vol 50(2-3), 515~520

使用锂粉末阳极提高锂循环效率 Kim Jin Suk; Yoon Woo Young, Electrochimica Acta, 2004, Vol 50(2-3), 529~532

锂离子电池 SnO₂-RuO₂复合阳极薄膜的制作和表征 Choi Sun Hee Kim Joo Sun; Yoon Young Soo, Electrochimica Acta, 2004, Vol 50(2-3), 545~550

带聚合物稳定剂的膜填充锂离子电池 Satoh Masaharu Nakahara Kentaro, Electrochimica Acta, 2004, Vol 50(2-3), 559~562

质子交换膜燃料电池 Nafion浸渍聚碳酸盐复合膜的表征 Kim KiHwan; Ahn Sang-Yeoul Oh InHwan; et al, Electrochimica Acta, 2004, Vol 50(2-3), 574~578

直接甲醇燃料电池 PVd共聚物/Nafion混合膜的表征 Cho KiYun; Eom JiYong Jung Ho-Young et al, Electrochimica Acta, 2004, Vol 50(2-3), 580~585

燃料电池高质子导电 Nafion 羟基磷酸钙复合膜 Park Y. S.; Hatae T.; Itoh H.; et al, Electrochimica Acta, 2004, Vol 50(2~3), 592-596

质子交换膜燃料电池 Nafion组分的优化 Sasikumar G.; Ihm, J.W.; Ryu H., Electrochimica Acta, 2004, Vol 50(2-3), 598~602

燃料电池磺酸亚胺质子交换膜 Rahman Md Khalil; Aiba Gentaro Susan Md Abu Bin Hasan; Watanabe Masayoshi, Electrochimica Acta, 2004, Vol 50(2~3), 630~635

高温质子交换膜燃料电池 Nafion/ZrSPP复合膜 Kim Young-Taek Song Min Kyu; Kim KiHyun; Park Seung-Bae et al, Electrochimica Acta, 2004, Vol 50(2-3), 642~645

高温质子交换膜燃料电池吸湿材料的聚合物复合膜 Kwak SangHee Yang TaeHyun; Kim Chang-Soo; Yoon KiHyun, Electrochimica Acta, 2004, Vol 50(2-3), 650~654

MEMS技术于微型燃料电池中应用 Yamazaki Yohtaro, Electrochimica Acta, 2004, Vol 50(2-3), 659~662

质子交换膜燃料电池催化剂支撑物碳 纳米纤维的制备和表征 Yuan Fangli Yu Hyung Kyun; Ryu Hojin, Electrochimica Acta, 2004, Vol 50(2-3), 681~687

Pt-ZrP-Nafion复合膜自加湿质子交换膜燃料电池研究 Lee Han Kyu; Kim Jae-Il Park Jong-Ho Lee TaeHee, Electrochimica Acta, 2004, Vol 50(2-3), 757~764

预处理对被动式直接甲醇燃料电池性能的影响 Kho Beck-Kyun; Oh InHwan; Hong Seong-Ahn; Ha Heung Yong, Electrochimica Acta, 2004, Vol 50(2-3), 777~781

以 Pt/Rh和 Pt/Ru/Rh合金作催化剂的甲醇电氧化和直接甲醇燃料电池 Choi Jong-Ho; Park KyungWon; Park In-Su; et al, Electrochimica Acta, 2004, Vol 50(2-3), 783~786

直接甲醇燃料电池阳极电催化剂钙钛矿型氧化物 La_{1-x}Sr_xMO_{3-δ} (M = Co and Cu)纳米微粒的合成 Yu Ho-Chieh; Fung Kuan-Zong Guo Tz-Chiang Chang Wen-Li, Electrochimica Acta, 2004, Vol 50(2-3), 807~812

直接甲醇燃料电池催化剂支撑物 有序均匀多孔碳 Chai G.; Yoon S B; Kang S; et al, Electrochimica Acta, 2004, Vol 50(2-3), 819~822

有机自由基电池:阴极活性材料 硝基氧聚合物 Nishide Hiroyuki Iwasa Shigeyuki Pu Yong-Jin; Suga Takeo Nakahara Kentaro; Satoh Masaharu, Electrochimica Acta, 2004, Vol 50(2-3), 822~826

- 阴极成分对锂硫电池能量密度的影响 Choi Yun Seok; Kim, Seok; Choi Soo Seok et al., *Electrochimica Acta*, 2004, Vol 50(2-3), 828~830
- 质子交换膜燃料电池聚合物电解质膜的电渗透流 Karim G.; Li X., *Journal of Power Sources*, 2005, Vol 140(1), 1~11
- 钯沉积的聚合物膜制备及其对直接甲醇燃料电池的应用 Hejze T.; Gollas B. R.; Sauerbrey R. K.; et al., *Journal of Power Sources*, 2005, Vol 140(1), 21~27
- 质子电解质膜性质和直接甲醇燃料电池的性能: I 杂合磺化聚醚醚酮/氧化钨膜的表征 Silva V. S.; Ruffmann B.; Silva H.; et al., *Journal of Power Sources*, 2005, Vol 140(1), 34~40
- 质子电解质膜性质和直接甲醇燃料电池的性能: II 燃料电池性能和膜性质影响 Silva V. S.; Schimer J.; Reissner R.; Ruffmann B.; et al., *Journal of Power Sources*, 2005, Vol 140(1), 41~49
- 以 P(Sn) 作阳极的直接甲醇燃料电池: Sn 组分对燃料电池性能的影响 Zhou W. J.; Song S. Q.; Li W. Z.; et al., *Journal of Power Sources*, 2005, Vol 140(1), 50~58
- 直接甲醇燃料电池阴极催化剂纳米相 CeO_2 -Pt/C 进展 Yu Hwan Baek; Kim, Joon Hee; Lee Ho-In; et al., *Journal of Power Sources*, 2005, Vol 140(1), 59~65
- 直接甲醇燃料电池燃料传递无阀压电微泵 Zhang Tao; Wang Qing Ming, *Journal of Power Sources*, 2005, Vol 140(1), 72~80, Bibliographic Page | Article Full Text PDF (257 KB)
- 燃料电池的重整性能模型 Sandhu S. S.; Saif Y. A.; Felher J. P., *Journal of Power Sources*, 2005, Vol 140(1), 88~102
- MEA 制备过程对乙醇交换和直接乙醇燃料电池性能的影响 Song S.; Wang G.; Zhou W.; et al., *Journal of Power Sources*, 2005, Vol 140(1), 103~110, Bibliographic Page | Article Full Text PDF (165 KB)
- 电极结构对锂离子电池硅阳极性能的影响: 硅微粒尺寸和导电添加剂 Liu Wei Ren; Guo Zheng Zao; Young Wen Shiue et al., *Journal of Power Sources*, 2005, Vol 140(1), 139~144, Bibliographic Page | Article Full Text PDF (377 KB)
- 锂离子电池容量衰减模型 Liaw, Bor Yann; Jungst Rudolph G.; Nagasubramanian Ganesan; et al., *Journal of Power Sources*, 2005, Vol 140(1), 157~161, Bibliographic Page | Article Full Text PDF (407 KB)
- 可充电锂-聚吡咯电池新型电极基底 Wang J.; Too C. O.; Zhou D.; Wallace G. G., *Journal of Power Sources*, 2005, Vol 140(1), 162~167
- 铅酸电池极板粘合浸泡过程及其对电极性能影响 Din nitro M.; Pavlov D.; Rogachev T.; Matrakova M.; Bogdanova L., *Journal of Power Sources*, 2005, Vol 140(1), 168~180, Bibliographic Page | Article Full Text PDF (1.09 MB)
- 直接蚁酸燃料电池钯催化剂的行为 The behavior of palladium catalysts in direct formic acid fuel cells, Zhu Yin in; Khan Za-ki; Masel R. I., *Journal of Power Sources*, 2005, Vol 139(1-2), 15~20
- Nafion 稳定乙醇还原法制备直接甲醇燃料电池碳支持 PtRu 催化剂, Sama Loka Subramanyam; Lin Tzu Dai Tsai Yin-Wen; Chen et al., *Journal of Power Sources*, 2005, Vol 139(1-2), 44~54
- 中温固态氧化物燃料电池阳极支持电解质薄膜的构筑和表征 Kim, Sun Dong; Hyun, Sang Hoon; Moon, Jooho; et al., *Journal of Power Sources*, 2005, Vol 139(1-2), 67~72
- 质子交换膜燃料电池碳支持铂纳米微粒催化剂 Liu, Zhaolin; Gan, Leong Ming; Hong, Liang; et al., *Journal of Power Sources*, 2005, Vol 139(1-2), 73~78
- 平板无膜微通道燃料电池的制造和初步测试 Cohen, Jamie L.; Westly, Daron A.; Pechenik, Alexander; Abn^o a Héctor D., *Journal of Power Sources*, 2005, Vol 139(1-2), 96~105
- 聚合物电解质燃料电池的实时水分布 Dong Q.; Kull J.; Mench M. M., *Journal of Power Sources*, 2005, Vol 139(1-2), 106~114
- 混合动力车辆直接氢气燃料电池系统 Ahluwalia Rajesh K.; Wang X., *Journal of Power Sources*, 2005, Vol 139(1~2), 152-164
- 质子交换膜燃料电池 Nafion 自加湿薄膜与干燥氢气和氧气的运行 Yang B.; Fu Y. Z.; Manthiram, A., *Journal of Power Sources*, 2005, Vol 139(1-2), 170~175
- 哈氏 230 合金在固态氧化物燃料电池还原温度环境中的氧化 Jian, Li; Jian, Pu; Jianzhong, Xiao; Xiaoliang, Qian, *Journal of Power Sources*, 2005, Vol 139(1-2), 182~187
- 燃料电池 APUs 寿命评估 Baratto Francesco; Divekar Umila M., *Journal of Power Sources*, 2005, Vol 139(1-2), 188~

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- 二次锂电池新型 PVdF和 PE无纺基体多孔隔板 Lee Yong Min; Kim Jun Woo; Choi Nam Soon; et al, *Journal of Power Sources*, 2005, Vol 139(1-2), 235~241
- 锂 硫聚合物电池的电化学表征和性能提高 Zhu Xijian; Wen Zhaoyin; Gu Zhonghua; Lin Zuxiang, *Journal of Power Sources*, 2005, Vol 139(1-2), 269~273
- 高功率锂离子电池的差分电压分析: 1. 技术和应用 Bloom Ira; Jansen Andrew N.; Abraham Daniel P.; et al, *Journal of Power Sources*, 2005, Vol 139(1-2), 295~303
- 高功率锂离子电池的差分电压分析: 2. 具体应用 Bloom Ira; Christophersen Jon; Gering Kevin, *Journal of Power Sources*, 2005, Vol 139(1-2), 304~313
- 废弃镍镉电池电化学再生镉 Freitas M. B. J. G.; Rosalém, S. F., *Journal of Power Sources*, 2005, Vol 139(1-2), 366~370
- 脉冲电沉积制备质子交换膜燃料电池电极 Kim Hansung; Subramanian Nalini P.; Popov Branko N., *Journal of Power Sources*, 2004, Vol 138(1-2), 14~24
- 自加湿聚合物电解质燃料电池水管理实验分析 Eckl R.; Zehner W.; Leu C.; Wagner U., *Journal of Power Sources*, 2004, Vol 138(1-2), 137~144
- 微通道燃料电池酸性甲醇溶液燃料研究 Li Jun; Moore Christophe; Kohl Paul A., *Journal of Power Sources*, 2004, Vol 138(1-2), 211~215
- 锂离子电池含碳酸盐溶剂的离子液体电解质 Sato Takaya; Mano Tatsuya; Manukane Shoko; Takagi Kentaro, *Journal of Power Sources*, 2004, Vol 138(1-2), 253~261
- 二次锂电池硫复合阴极材料的电化学表征 Wang Jiulin; Wang Yaowu; He Xiangning; Ren Jianguo; Jiang Changyin; Wan Chunrong, *Journal of Power Sources*, 2004, Vol 138(1-2), 271~273
- 高能可充电锂离子电池的碳纳米管技术 Morris R. Scott; Dixon Brian G.; Gennett Thomas; et al, *Journal of Power Sources*, 2004, Vol 138(1-2), 277~280
- 军用掺杂 LN O_2 正极的 18650 柱状电池研究 Fan Jiang, *Journal of Power Sources*, 2004, Vol 138(1-2), 288~293
- 锌对铝-空气电池铝阳极的影响 Tang Yougen; Lu Lingbin; Roesky Herbert W.; et al, *Journal of Power Sources*, 2004, Vol 138(1-2), 313~318

腐蚀与防护

- 海水中电镀铁和铝上涂层电堆积 Salvago G.; Maffi S.; Benedetti A.; Magagnoli L., *Electrochimica Acta*, 2004, Vol 50(1), 169~178
- 铜表面缓蚀剂膜的电化学行为 SzAAcs E.; Vastag Gy.; Shaban A.; K? ? h? ? n? ? E., *Corrosion Science* 2005, Vol 47(4), 893~908
- 在含和不含 Cr(VI)物种的彩绘电镀钢片上腐蚀产物的室外交替盐雾测试 Zapponi M.; P? ? rez T.; Ramos C.; Saragovi C., *Corrosion Science* 2005, Vol 47(4), 923~936
- 磁控溅射提高铝合金腐蚀防护性能 Sch? ? fer H.; Stock H. R., *Corrosion Science* 2005, Vol 47(4), 953~964
- 硫酸溶液中 T-200 马氏钢的脆裂 Tsay L. W.; Hu Y. F.; Chen C., *Corrosion Science* 2005, Vol 47(4), 965~976
- 铜失泽的速率控制 Cano E.; Polo J. L.; La Iglesia A.; Bastidas J. M., *Corrosion Science* 2005, Vol 47(4), 977~987
- 盐酸预处理对镁和镁合金铈基转化涂层腐蚀抑制的影响 Brunelli Katya; Dabal? ?, Manuel Calliari Irene; Magrini Maurizio, *Corrosion Science* 2005, Vol 47(4), 989~1000
- 大气环境下低合金钢的腐蚀抑制和机械性能 Chen Y. Y.; Tzeng H. J.; Wei L. I.; Wang L. H.; Oung J. C.; Shih H. C., *Corrosion Science* 2005, Vol 47(4), 1 001~1 021
- 空气污染和气候因素对暴露野外的大理石大气腐蚀影响 Lan Tran Thi Ngoc; Nishimura Rokuro; Tsujino Yoshio; Satoh Yukihiko; Thi Phuong Thoa; Nguyen; et al, *Corrosion Science* 2005, Vol 47(4), 1023~103
- 金属阳离子对敏化 304 型不锈钢晶间应力腐蚀开裂的腐蚀抑制作用 Zhang Shenghan; Shibata Toshiro; Hanuma Takumi, *Corrosion Science* 2005, Vol 47(4), 1 049~1 061
- 热浸泡电镀钢上铬酸盐涂层的保护行为研究: 润湿剂的作用 Mekhalif Z.; Forget L.; Delhalle J., *Corrosion Science* 2005, Vol 47(3), 547~566

- NP/SiC 复合涂层:微粒对电化学行为的影响 NP/SiC composite coatings: the effects of particles on the electrochemical behaviour Maláti C. F.; Zoppas Ferreira J.; Santos C. B.; Souza B. V.; Fallavena E. P.; Vaillant S.; et al, *Corrosion Science* 2005, Vol 47(3), 567~580
- 3.4%氯化钠溶液中热喷镀不锈钢涂层的电化学行为 Suegama P. H.; Fugivara C. S.; Benedetti A. V.; Fenóndez J.; Delgado J.; Guilmany J. M., *Corrosion Science* 2005, Vol 47(3), 605~620
- 软钢上导电聚合物涂层的腐蚀性能 Oñ P.; Cristobal A. B.; Herrasti P.; Fatas E., *Corrosion Science* 2005, Vol 47(3), 649~662
- 银光泽的还原及其对后续腐蚀的防护 Bernard M. C.; Dauvergne E.; Evesque M.; Keddari M.; Takenouti H., *Corrosion Science* 2005, Vol 47(3), 663~679
- 电沉积磁性纳米多层 Lakatos-Varsányi M.; Mikó, A.; Varga L. K.; Kőhny E., *Corrosion Science* 2005, Vol 47(3), 681~693
- 从钨酸盐-磷酸溶液中形成的转换涂层研究 da Silva C. G.; Correia A. N.; de Lima Neto P.; Margarit I. C. P.; Matos O. R., *Corrosion Science* 2005, Vol 47(3), 709~722
- 热酸表面预处理对不锈钢腐蚀抑制和氧化物结构的影响 Taveira L. V.; Frank G.; Stunk H. P.; Dick L. F. P., *Corrosion Science* 2005, Vol 47(3), 757~769
- 不锈钢上含聚吡咯的六氟基铁酸盐的防护性质 Malik Marcin A.; Włodarczyk Renata; Kulesza Pawel J.; et al, *Corrosion Science* 2005, Vol 47(3), 771~783
- 聚苯胺丙烯酸涂层对腐蚀的抑制:对离子的作用 Pereira da Silva José E.; Córdoba de Torresi Susana I.; Torresi Roberto M., *Corrosion Science* 2005, Vol 47(3), 811~822
- 热处理对黑钝化 ZnNi 合金的腐蚀行为的影响 Müller C.; Sarret M.; García E., *Corrosion Science* 2005, Vol 47(2), 307~321
- 硝酸盐溶液中苯甲酸钙吸附对钢的腐蚀抑制作用 Blustein G.; Rodriguez J.; Romanogli R.; Zinola C. F., *Corrosion Science* 2005, Vol 47(2), 369~383
- 指甲花叶提取物对金属的腐蚀抑制 El-Etre A. Y.; Abdallah M.; El-Tantawy Z. E., *Corrosion Science* 2005, Vol 47(2), 385~395
- 铜在热带海岛海水中的腐蚀及其大气悬浮物 Corrosion of copper in seawater and its aerosols in a tropical island Núñez L.; Reguera E.; Corvo F.; González E.; Vazquez C., *Corrosion Science* 2005, Vol 47(2), 461~484
- 地下遗址人工铁的腐蚀:腐蚀系统的表征 Corrosion of iron archaeological artefacts in soil: characterisation of the corrosion system Neff D.; Dillmann P.; Bellot-Gurlet L.; Beranger G., *Corrosion Science* 2005, Vol 47(2), 515~535
- 离子相互作用对钝化金属裂蚀抑制的影响 Kevin L. Heppner Richard W. Evitts and John Postlethwaite, *Journal of The Electrochemical Society* 2005, Vol 152(3), B89~B98
- AZ31 镁合金上钽转换层的形成 C. S. Lin and S. K. Fang *Journal of The Electrochemical Society* 2005, Vol 152(2), B54~B59

电合成, 电化学传感器及其他

- 使用无意向添加支持电解质的薄层流动池电化学合成自支持配对 2,5-二甲氧基-2,5-二氢吡喃 Horii Daisuke; Atohe Mahito; Fuchigami Toshio; Marken Frank, *Electrochemistry Communications* 2005, Vol 7(1), 35~39
- 聚(N-甲基苯胺)的有机溶剂电合成和表征 Wei Di; Lindfors Tom; Kvamstø m. Carita; Kronberg Leif Sjøholm; Rainer Ivaska Ari *Journal of Electroanalytical Chemistry*, 2005, Vol 575(1), 19~26
- CdS 在硫化或巯基修饰多晶金电极上的电合成 Myung Noseung Ham; Sunyoung Choi; Byunghyun; de Tacconi Norma R.; Rajeshwar Krishnan, *Journal of Electroanalytical Chemistry*, 2005, Vol 574(2), 367~37
- H₂S 和 H₂Se 的电化学制备 Stéphane Bastide; Paul Hügel; Claude Lévy-Clement and Gary Hodes *Journal of The Electrochemical Society* 2005, Vol 152(3), D35~D41
- 气体退火控制纳米结构 RuO₂ 碳纳米管复合物 Jung Dae Kim; B. S. Kang; T. W. Noh; Jong-Gul Yoon; S. I. Baik and Y. W. Kim *Journal of The Electrochemical Society*, 2005, Vol 152(2), D23~D25
- 包铜壳的钴纳米微粒的替代合成 Zhanhu Guo; Challa S. S. R. Kumar; Laurence L. Henry; E. E. Doomes; Josef Homes and Elizabeth J. Podlaha *Journal of The Electrochemical Society* 2005, Vol 152(1), D1~D5

- 1-丁基-3-甲基咪唑六氟磷酸盐溶液中铁上聚吡咯的生成 Anna M. Fenelon and Camel B. Breslin, *Journal of The Electrochemical Society*, 2005, Vol 152(1), D6~D11
- 亮甲酚蓝-DNA嵌入加合物对 NADH 的电催化氧化 de-los-Santos-Alvarez Patricia Lobo-Castañón M. Jesús et al., *Electrochimica Acta*, 2005, Vol 50(5), 1107~1112
- 向日葵油甲基酯 1,2,4-三草脲胺的电解清除 Soriano Nestor U.; Migo Veronica P.; Matsumura Masatoshi, *Electrochimica Acta*, 2005, Vol 50(5), 1131~1137
- 涂氧化锆溶胶和催化剂混合物的甲醇流重整板式反应器 Lin Mee Sook; Kim Myoung Rae; Noh Jemin; Woo Seong Ihl, *Journal of Power Sources*, 2005, Vol 140(1), 66~71
- 酸性和碱性介质中还原氢硼化物制备 Pt/Co/C 电催化剂: 催化剂性能的影响 Salgado J.R.C.; Antolini E.; Gonzalez E.R., *Journal of Power Sources*, 2004, Vol 138(1-2), 56~60
- Mg-NH 系统的合成和脱氢法研究 Nakanori Y.; Kitahara G.; Orimo S., *Journal of Power Sources*, 2004, Vol 138(1-2), 309~312
- 镁合金的超声浸泡沉积 Lianxi Yang Ben Luan Woo~Jae Cheong and David Shoemith, *Journal of The Electrochemical Society*, 2005, Vol 152(3), C131~C136
- 用于铜阴极保护的 TiO₂ 光阳极 Raghavan Subasri Tadashi Shinohara and Kazuhiko Mori, *Journal of The Electrochemical Society*, 2005, Vol 152(3), B105~B110
- 三缺顶道氏多氧金属化的电显色多层膜 Gao Guanggang; Xu Lin; Wang Wenjun; et al, *Electrochimica Acta*, 2005, Vol 50(5), 1101~1106
- 一种新型的检测溶液中 DNA 化学放大的电化学系统 Li Chao; Liu Shili; Guo Liang; Hong Chen; Depu, *Electrochemistry Communications*, 2005, Vol 7(1), 23~28
- 固定在纳米金 聚 6-苯二胺膜上的日本脑炎 B 抗血清的电位免疫传感器 Zhang Lingyan; Yuan Ruofu; Huang Xiaoqing; Chai Yaqing; Cao Shunui, *Electrochemistry Communications*, 2005, Vol 6(12), 1222~1226
- 依据碱性磷酸酶抑制作用的农药检测电化学传感器 Mazzei Franco; Botruff, Francesco; Montilla Simona; Pilloton Roberto; Podeschi, Elisabetta; et al., *Journal of Electroanalytical Chemistry*, 2005, Vol 574(1), 95~100
- 用于电化学电容器的质子导电聚合物电解质 Morita Masayuki; Qiao Jin-Li; Yoshimoto Nobuko; Ishikawa Masashi, *Electrochimica Acta*, 2004, Vol 50(2-3), 832~836
- 以聚次乙基二羟基噻吩作氧化还原超级电容器的聚合物电极 Ryu Kwang Sun; Lee Young-Gi; Hong Young-Sik; Park Yong Joon; Wu Xianlan; Kim Kwang Man; et al., *Electrochimica Acta*, 2004, Vol 50(2-3), 838~842
- 水溶超级电容器实验用的碳黑性能 Toupin Mathieu; Bélanger Daniel; Hill Ian R.; Quinn David, *Journal of Power Sources*, 2005, Vol 140(1), 203~210, Bibliographic Page | Article Full Text PDF (263 KB)
- 碳纳米管的添加对有机电解质碳-碳超级电容器性能的影响 Portet C.; Taberna P.L.; Simon P.; Flahaut E., *Journal of Power Sources*, 2005, Vol 139(1-2), 371~378

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