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以 TiO_2 为质子交换膜燃料电池 Pt/TiO₂/C 复合阴极催化剂载体评估, Sophie von Kraemer Kjell Wikander Göran Lindbergh et al Journal of Power Sources 2008, Vol 180(1), 185-190

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球磨法优化固态合成 LiFePO_4 阴极材料, Hee-Cheol Kang Dae-Kyoo Jun Bo Jin et al Journal of Power Sources 2008, Vol 179(1), 340-346

- AIF₃沉积 Li[Ni_{0.8}Co_{0.15}Al_{0.05}]O₂阴极在锂离子电池中的电化学和热性能, H.-B. Kim, B.-C. Park, S.-T. Myung et al Journal of Power Sources 2008, Vol 179(1), 347-350
- 充电锂电池 Bimessite型层状氧化锰的电化学合成, Masaharu Nakayama, Taku Kanaya, Jong-Won Lee et al Journal of Power Sources 2008, Vol 179(1), 361-366
- 一种锂离子电池的新型 SD/C阳极化合物, Chil-Hoon Doh, Chul-Wan Park, Hyemin Shin et al Journal of Power Sources 2008, Vol 179(1), 367-370
- 用于锂离子电池的碳纳米纤维/LiFePO₄复合物的合成和表征, M. S. Bhuvaneswari, N. N. Bramnik, D. Ensling et al Journal of Power Sources 2008, Vol 180(1), 553-560
- 使用二联苯磷酸呀和三(2,2,2三氟化乙基)亚磷酸盐作高温锂离子电池燃烧阻滞剂电解质添加剂, Tae-Heum Nam, Eun Gi Shim, Jung-Gu Kim, Journal of Power Sources 2008, Vol 180(1), 561-567
- LiBF₃Cl—种锂离子电池电解质的替代品, Sheng Shui Zhang, Journal of Power Sources 2008, Vol 180(1), 586-590
- 由组合离子液体和聚(3甲基噻吩)碳纳米管复合阴极构成的锂金属聚合物电池的循环性能, Dong-Won Kim, S. R. Sivakkumar, Douglas R. MacFarlane et al Journal of Power Sources 2008, Vol 180(1), 591-596
- 以苯基三-2甲氧基二乙氧基硅烷作锂离子电池 PC基电解质添加剂, Q. Xia, B. Wang, Y. P. Wu et al Journal of Power Sources 2008, Vol 180(1), 602-606
- 铅酸电池潜在的阳极材料:聚苯胺, B. N. Grigur, V. Ristio, M. M. Gvozdenovic et al Journal of Power Sources 2008, Vol 180(1), 635-640
- 含聚丙烯酸钾凝胶电解质的二氧化锰电化学电容器, Kuang-Tsin Lee, Nae-Lih Wu et al Journal of Power Sources 2008, Vol 179(1), 430-434
- 离子液体高稳定性聚(3,4乙烯基二氧基噻吩)的电聚合及其对电化学电容器的潜在应用, Keke Liu, Zhenglong Hu, Rong Xue et al Journal of Power Sources 2008, Vol 179(2), 858-862
- 镍 锌二次电池阳极材料:ZnO纳米板的电化学性能, M. Ma, J. P. Tu, Y. F. Yuan et al Journal of Power Sources 2008, Vol 179(1), 395-400
- 一种新型高容量、环境友好的能量储存系统:超铁硼化物电池, Xingwen Yu, Stuart Licht, Journal of Power Sources 2008, Vol 179(1), 407-411
- 采用厌氧菌反应器的新型微生物燃料电池, Booki Min, Irini Angelidaki, Journal of Power Sources 2008, Vol 180(1), 641-647
- 锰和LmNi_{1-x}Al_{0.25}Mn_{0.3}Co_{0.65}合金添加剂对以Ti_{0.32}C_{0.43-x}Mn_xV_{0.25}(x=0~0.08)合金作镍氢电池阳极材料电化学特性的影响, Jong-Yun Kim, Choong-Nyeon Park, Jong-Su Shim, et al Journal of Power Sources 2008, Vol 180(1), 648-652
- 采用 β 氧化铝钠固态电解质的低温电化学电池, T. C. Girija, Anil V. Virkar, Journal of Power Sources 2008, Vol 180(1), 653-656
- 用于电双层电容器的磺酸化聚醚醚酮膜, Wan Ju Kim, Dong-Won Kim, Electrochimica Acta, 2008, Vol 53(12), 4331-4335
- 以聚吡咯作水溶液充电锌电池的电极材料, B. N. Grigur, M. M. Gvozdenovic, J. Stevanovic et al Electrochimica Acta, 2008, Vol 53(14), 4627-4632
- 以Bi₂O₃修饰氢氧化钴作碱性电池电极, T. N. Ramesh, P. Vishnu Kamath, Electrochimica Acta, 2008, Vol 53(14), 4721-4726
- 液相合成介孔氢氧化镍电化学超级电容器, Jinho Chang, Mira Park, Dukho Ham, et al Electrochimica Acta, 2008, Vol 53(15), 5016-5021
- 导电陶瓷对镍锌充电电池 ZnO电化学性能的影响, L. Zhang, H. Huang, W. K. Zhang, Y. P. Gan, C. T. Wang, Electrochimica Acta, 2008, Vol 53(16), 5386-5390
- 提高染料敏化太阳能电池性能的氨基硅烷修饰PEO/P(VDFHFP)复合物聚合物电解质, Jing Zhang, Ying Yang, Sujuan Wu et al Electrochimica Acta, 2008, Vol 53(16), 5415-5422

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- AZ31B镁合金腐蚀防护的新型杂合溶胶凝胶涂层, S. V. Lamaka M. F. Montemor A. F. Gallo et al *Electrochimica Acta*, 2008, Vol 53(14), 4773-4783
- 熔盐玻璃上 NiW-CeO₂涂层的防腐蚀性, Baolei Han Xinchun Lu *Surface and Coatings Technology* 2008, Vol 202(14), 3251-3256
- 聚酯膜上 SO_x气体阻挡层的机械性能, D. G. Howells B. M. Henry Y. Leterrier J. A. E. Manson J. Madocks H. E. Assender *Surface and Coatings Technology* 2008, Vol 202(15), 3529-3537
- 模拟生物液移植中采用的经脉冲激光处理的 Ti-6Al-4V的腐蚀防护, Nikita Zaveri Manas Mahapatra Andrew Deceuster et al *Electrochimica Acta*, 2008, Vol 53(15), 5022-5032
- 聚 N-甲基苯胺在铁电极上的电化学合成及其腐蚀性能, Aziz Yagan Nuran Ozcicek Pekmez Attila Yildiz *Electrochimica Acta*, 2008, Vol 53(16), 5242-5251
- Cu-20% Fe合金在氯化钠溶液中的腐蚀及腐蚀抑制, S. S. El-Egamy *Corrosion Science* 2008, Vol 50(4), 928-937
- 软钢在含氯的重碳酸盐和亚硝酸盐溶液中的亚稳态行为, Y. M. Tang Y. Zuo X. H. Zhao *Corrosion Science* 2008, Vol 50(4), 989-994
- 用于混凝土钢筋腐蚀无损评估磁腐蚀探针进展, Hitoshi Yashiro Yusuke Kawamata Tenuaki Kageyama et al *Corrosion Science* 2008, Vol 50(4), 1005-1010
- 新型 12%铬钢的抗蒸汽氧化:与其他铁素体钢比较, V. Lepingle G. Louis D. Alhué et al *Corrosion Science* 2008, Vol 50(4), 1011-1019
- 某些氨基酸对 Pb-Ca-Sn合金在硫磺酸中腐蚀的抑制作用, M. A. Kiani M. F. Mousavi S. Ghasemi et al *Corrosion Science* 2008, Vol 50(4), 1035-1045
- 水溶性化学环境下核电厂冷却液损失的铝腐蚀, Dong Chen Kerry J. Howe Jack Dallman et al *Corrosion Science* 2008, Vol 50(4), 1046-1057
- 牺牲涂层对超高强度钢的氢脆和重脆化影响, D. Figueiredo M. J. Robinson *Corrosion Science* 2008, Vol 50(4), 1066-1079
- 提高软钢性能和防腐蚀溶胶凝胶涂层的压缩硝酸铈抑制剂, Heming Wang Robert Akid *Corrosion Science* 2008, Vol 50(4), 1142-1148
- SRB生物膜对暴露于人工海水环境下的钢 电解质界面活性腐蚀位的影响, Homero Castaneda Xochitl D. Benetton *Corrosion Science* 2008, Vol 50(4), 1169-1183
- 锑对废气脱硫系统的低合金钢腐蚀行为的影响, D. P. Le W. S. Ji J. G. Kim et al *Corrosion Science* 2008, Vol 50(4), 1195-1204
- 溶液温度和 pH 值对合金 600表面氧化物膜电化学性质的影响, Dong-Jin Kim Hyuk-Chul Kwon Hong Pyo Kim *Corrosion Science* 2008, Vol 50(5), 1221-1227

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- 脉冲电沉积制备 Al₂O₃涂敷 MoS₂ 的 NiMoS₂/Al₂O₃复合涂层, Zhong-jia Huang Dang-sheng Xiong *Surface and Coatings Technology* 2008, Vol 202(14), 3208-3214
- 电镀时间对钢筋表面化学镀镍涂层的影响:在混凝土结构中的应用, M. Manna N. Bandyopadhyay D. Bhattacharjee *Surface and Coatings Technology* 2008, Vol 202(14), 3227-3232
- 电沉积电流密度对 Ni-CNTs复合涂层性质的影响, Chao Guo Yu Zuo Xuhui Zhao et al *Surface and Coatings Technology* 2008, Vol 202(14), 3246-3250
- 表面活性剂对镍 碳纳米管复合涂层电沉积的影响, Chao Guo Yu Zuo Xuhui Zhao et al *Surface and Coatings Technology* 2008, Vol 202(14), 3385-3390
- 在酸性锌酸盐浴中钢上电化学沉积纳米晶锌, H. B. Muralidharan Y. Arthoba Naik *Surface and Coatings Technology* 2008, Vol 202(14), 3403-3412
- 活性炭纤维化学镀沉积铜及其在 NO 消除的应用, Jeong Hoon Byeon Hee Seung Yoon Ki Young Yoon et al *Surface and Coatings Technology* 2008, Vol 202(15), 3571-3578
- 钼掺杂多功能生物活性纳米结构膜, D. V. Shtansky N. A. Golushankova I. A. Bashkova et al *Surface and Coatings Technology* 2008, Vol 202(15), 3615-3624

- 氟化阳离子表面活性剂对在锡甲磺酸中电沉积的影响, C T J Low, F C Walsh Journal of Electroanalytical Chemistry 2008, Vol 615(2), 91-102
- 铜在水和深低共溶剂中的超声电沉积 (20 and 850 kHz), Bruno G. Pollet, Jean-Yves Hahn, Timothy J. Mason, Electrochimica Acta, 2008, Vol 53(12), 4248-4256
- 用于直接甲醇燃料电池电极的 Pd-Co催化剂的电沉积:制备和表征, Satoshi Tominaka, Toshiyuki Momma, Tetsuya Osaka, Electrochimica Acta, 2008, Vol 53(14), 4679-4686
- 铝合金 6061-T6上聚吡咯膜的电沉积和表征, N C T Martins, T Moura e Silva, M F Montemor, Electrochimica Acta, 2008, Vol 53(14), 4754-4763
- 电沉积温度对 Fe/Fe - 二甲亚砜纳米电缆的形貌和磁性的影响, Junli Fu, Daqiang Gao, Yan Xu, et al, Electrochimica Acta, 2008, Vol 53(16), 5464-5468
- 电沉积和热处理合成 L10 Fe-Pd薄膜, Fernanda M. Takata, Gyana Pattanaik, William A. Soffa, et al, Electrochemistry Communications 2008, Vol 10(4), 568-571
- Pt/Cu 和 Fe电极共沉积砷和肿, Fabiola Brusciotti, Paul Duby, Electrochemistry Communications 2008, Vol 10(4), 572-576
- Nafion薄膜电沉积单分散金属颗粒:制备高活性的纳米催化剂, Ting Wang, Jin-Song Hu, Wei Yang, et al, Electrochemistry Communications 2008, Vol 10(5), 814-817

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- 一种新型的第三代 PVC/TTF-TCNQ 复合物葡萄糖检测生物传感器, Manuel Cano, J. Luis Avila, Manuel Mayén, et al, Journal of Electroanalytical Chemistry 2008, Vol 615(1), 69-74
- 用于制备微电极阵列的在氢氧化钠中无针孔聚间二苯酚薄膜降解, Brendan M. Kennedy, Vincent J. Cunnane, Journal of Electroanalytical Chemistry 2008, Vol 615(2), 197-204
- 直接脉冲电化学法制备钴银复合膜, Elvira Gomez, Jose Garcia-Torres, Elisa Valles, Journal of Electroanalytical Chemistry 2008, Vol 615(2), 213-221
- 溶胶凝胶法制备的苯二甲蓝钴 无定形碳 陶瓷电极的电催化应用, Jacqueline Arguello, Hérica A. Magosso, Richard Landers, et al, Journal of Electroanalytical Chemistry 2008, Vol 617(1), 45-52
- 六氯铱酸盐 (IV)-金电极上电化学识别 B-DNA 和 M-DNA 单层的氧化还原探针, Michael J. Dinsmore, Jeremy S. Lee, Journal of Electroanalytical Chemistry 2008, Vol 617(1), 71-77
- 生物相容材料和碳纳米管逐层自组装制备葡萄糖电流生物传感器, Yongjin Zou, Cuili Xiang, Lixian Sun, et al, Electrochimica Acta, 2008, Vol 53(12), 4089-4095
- 用于微生物生物传感的噻吩基导电聚合物, Dilek Odaci, Senem Kiralp Kayahan, Suna Timur, et al, Electrochimica Acta, 2008, Vol 53(12), 4104-4108
- 一种用于 NADH 电催化氧化的新型麦尔多拉蓝固定化 $\text{SiO}_2/\text{TiO}_2$ 石墨复合物, Camila M. Maoneze, Leiz T. Arenas, Rita C. S. Luz, et al, Electrochimica Acta, 2008, Vol 53(12), 4167-4175
- 在玻碳电极上固定化 Nafion有序介孔碳:应用于肾上腺检测, Ming Zhou, Li-Ping Guo, Ying Hou, et al, Electrochimica Acta, 2008, Vol 53(12), 4176-4184
- 改进性能的聚苯胺 聚乙烯基碘酸盐核酸生物传感器, Nimal Prabhakar, G. Sumana, Kavita Aurora, et al, Electrochimica Acta, 2008, Vol 53(12), 4344-4350
- 含介孔铝的二氧化硅修饰电极的电化学行为及其对肾上腺素的检测, Yanhong Zeng, Jinquan Yang, Kangbing Wu, Electrochimica Acta, 2008, Vol 53(14), 4615-4620
- 用于光驱动光电化学开关的杂合半导体电极, Ming-ge Long, Radim Beranek, Weinan Cai, et al, Electrochimica Acta, 2008, Vol 53(14), 4621-4626
- 酶反应诱导制备铁 (II) 氧化镧 (III) 纳米微粒及其在葡萄糖生物传感的应用, Qinglin Sheng, Yu Shen, Hongfang Zhang, et al, Electrochimica Acta, 2008, Vol 53(14), 4687-4692
- 可用于 NADH 检测的固定化刨边热解石墨电极上的 2,3,5,6 四氯 1,4 苯醌 多壁碳纳米管的电催化活性, Rita de Cássia Silva Luz, Flávio Santos Damas, Auro Atsushi Tanaka, et al, Electrochimica Acta, 2008, Vol 53(14), 4706-4714
- 阳极纳米结构氧化钛在移植中的应用, Sung Eun Kim, Jae Hoon Lim, Sang Cheon Lee, et al, Electrochimica Acta, 2008,

Vol 53(14), 4846-4851

用于医学修复的 Ti35Nb合金的电化学腐蚀行为, Alessandra Cremasco Wisleir Osório Célia M. A. Freire Amauri Garcia Rubens Caran Preview: Electrochimica Acta, 2008, Vol 53(14), 4867-4874

用于电显色的功能化蒽的电活性层的合成, A. Yıldırım S. Tarkuo M. Ak et al Electrochimica Acta, 2008, Vol 53(14), 4875-4882

石墨/聚甲基丙烯酸盐复合物电极鲁米诺电化学发光维生素 c电化学生物传感器, Hong Dai Xiaoping Wu Youmei Wang et al Electrochimica Acta, 2008, Vol 53(16), 5113-5117

平版印刷制备一次性铋膜电极——用于 Pb(II) 和 Cd(II)阳极溶出伏安法痕量检测, Christos Kokkinos Anastasios Economou Ioannis Raptis et al Electrochimica Acta, 2008, Vol 53(16), 5294-5299

胶体银纳米微粒修饰电极及其在细胞色素 c电化学分析中的应用, Li Lin Peihong Qu Xuni Cao et al Electrochimica Acta, 2008, Vol 53(16), 5368-5372

钌配合物对导电金刚石表面直接修饰及其对生物材料检测的进展, Y. Yamamoto M. Miyamoto Y. Tanaka et al Electrochimica Acta, 2008, Vol 53(16), 5397-5408

模版法合成金属纳米结构的新途径, Rosalinda Inguanta Salvatore Piazza Carmelo Sunseri Electrochemistry Communications 2008, Vol 10(4), 506-509

微波辐射制备铂纳米颗粒 碳纳米管——用于痕量三价砷氧化检测, He Xu Liping Zeng Suijie Xing et al Electrochemistry Communications 2008, Vol 10(4), 551-554

用于快速、敏感的检测端粒酶活性的磁珠电致化学发光检测法, Xiaoming Zhou Da Xing Debin Zhu et al Electrochemistry Communications 2008, Vol 10(4), 564-567

在 DNA修饰的玻碳电极上电沉积 Ag纳米颗粒——一种新型的过氧化氢传感器, Kang Cui Yonghai Song Yong Yao et al Electrochemistry Communications 2008, Vol 10(4), 663-667

直接在 ITO玻璃上电沉积金纳米颗粒及其在电化学生物传感器的应用, Liping Wang Weimao Dandan Ni et al Electrochemistry Communications 2008, Vol 10(4), 673-676

用于选择性检测尿酸以 DNA掺杂聚合物修饰的碳纤维微电极, Liping Lu Xiangqin Lin Electrochemistry Communications 2008, Vol 10(5), 704-708

检测伤口感染的集成尿酸盐传感器, Duncan Sharp James Davis Electrochemistry Communications 2008, Vol 10(5), 709-713

以 H₃PO₄电解液中制备多孔的 TiO_x生物材料, J. Jakubowicz Electrochemistry Communications 2008, Vol 10(5), 735-739

利用层压氧化物敏感电极制备混合电势型氧化锆传感器的传感特性, Perumal Elumalai V. Ladimir V. Plashnitsa Taro Ueda Norio Miura Electrochemistry Communications 2008, Vol 10(5), 745-748

在碳纳米管上沉积金属氢氧化物 纳米结构的氧化物电化学通用方法, Jie Yan Haojie Zhou Ping Yu et al Electrochemistry Communications 2008, Vol 10(5), 761-765

单壁碳纳米管上非共价组装卟啉—用于电催化还原 NO 和 O₂, Wenwen Tu Jianping Lei Huangxian Ju Electrochemistry Communications 2008, Vol 10(5), 766-769

一种将 ss DNA并入琼脂电极上的双分子脂质膜的新方法, Huanying Zhou Nan Liu Zhixian Gao et al Electrochemistry Communications 2008, Vol 10(5), 787-790

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