



所属学院 材料科学与工程学院

学科领域 材料科学与工程；材料工程

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个人简介

2010. 6- 今	华东理工大学材料学院	教师
2013. 7- 今	法国国家科研中心里昂催化研究所	访问学者
2008. 5-2010. 5	中科院上海硅酸盐研究所	博士后
2002. 9-2007. 12	中国科学技术大学	博士

研究方向

- 1、超级电容器；
- 2、先进炭材料；
- 3、固体氧化物燃料电池；
- 4、先进无机材料

研究成果及主要发表文章

- (1)Yanan Zhou, Zhaoqiang Zhu, Chunhua Zhao*, Kefu Zhang, Bailing Wang, Chongjun Zhao*, Guorong Chen, Reclaimed Carbon Fiber-Based 2.4 V Aqueous Symmetric Supercapacitors, ACS Sustainable Chem. Eng. 2019, 7: 5095–5102.
- (2)Danmin shao, Pengwei Li, Ruizhi Zhang, Chunhua Zhao*, Deqiang Wang, Chongjun Zhao*, One-step preparation of Fe-doped Ni3S2/rGO@NF electrode and its superior OER performances, Int. J. Hydrogen. Enery., 2019, 44:2664-2674.
- (3)Chunhua Zhao, Yanan Zhou, Zhengxiang Ge, Chongjun Zhao*, Xiuzhen Qian, Facile construction of MoS2/RCF electrode for high-performance supercapacitor, Carbon, 2018, 127: 699-706
- (4)Fang Yang, Hao Fang, Qian Hu, Chunjun Zhao, Xiuzhen Qian, Chunhua Zhao*, Effects of ZnO Sintering Additive on the Sintering Behavior and Electrochemical Properties of YSZ Solid Electrolyte, Int. J. Electrochem. Sci., 2017, 12: 8295 – 8305.
- (5)Qian Hu, Fang Yang, Hao Fang, Chunhua Zhao*, The preparation and electrical properties of La doped Er0.2Ce0.8O1.9 based solid electrolyte, Int. J. Electrochem. Sci., 2017, 12: 7411 – 7425.
- (6)Tao Yang, Qian Hu, Fang Yang, Hao Fang, Chunhua Zhao*, Low temperature densification and electrochemical properties of Sm0.16Ce0.84O1.92 electrolyte by Zn doping, Int. J. Electrochem. Sci., 2016, 11, 5724-5734.
- (7)Bing Zhao, Yu Tong, Yongli Zhao, Tao Yang, Fang Yang, Qian Hu, Chunhua Zhao*, Preparation of ultra-fine Sm0.2Ce0.8O1.9 powder by a novel solid state reaction and fabrication of dense Sm0.2Ce0.8O1.9 electrolyte film, Ceram. Int., 2015, 41: 9686–9691.
- (8)Yu Tong, Bing Zhao, Yongli Zhao, Tao Yang, Fang Yang, Qian Hu, Chunhua Zhao*, Novel Anode-Supported Tubular Solid-Oxide Electrolytic Cell for Direct NO Decomposition in N2 Environment, Int. J. Electrochem. Sci., 2015, 10: 5338 – 5349.
- (9)YongLi Zhao, Chunhua Zhao*, Juan Huang, Bing Zhao, LaMnO₃–Ni0.75Mn_{2.25}O₄ Supported Bilayer NTC Thermistors, J. Am. Ceram. Soc., 2014, 97:1016–1019.
- (10)Yongli Zhao, Chunhua Zhao*, Spinel-structured Ni-free Zn0.9Cu_xMn2.1-xO₄ (0.1≤x≤0.5) thermistors of negative temperature coefficient, J. Electroceram. 2013, 31: 286-290.
- (11)Chunhua Zhao*, Yongli Zhao, Yiqun Wang, Annealing on the electrical properties of Ni0.75Mn_{2.25}O₄ and Zn0.8Ni0.75Mn1.45O₄ NTC ceramics, Solid State Commun., 2012, 152: 593-595.
- (12)Chunhua Zhao*, Yongli Zhao, The investigation of Zn content on the structure and electrical properties of ZnxCu0.2Ni0.66Mn2.14-xO₄ negative temperature coefficient ceramics, J. Mater. Sci. Mater. Electron., 2012, 23: 1788-1792.
- (13)Renzhu Liu, Guoqiang Cai, Junliang Li, Chunhua Zhao *, Shaorong Wang, Tinglian Wen, Zhaoyin Wen, Scandia-stabilized zirconia-impregnated (La, Sr)MnO₃ cathode for tubular solid oxide fuel cells, Journal of Solid State Electrochemistry, 2010,14:1923-1928.
- (14)Chunhua Zhao*, Renzhu Liu, Le Shao, Shaorong Wang, Tinglian Wen, Effect of Ag-(La0.8Sr0.2)0.95MnO₃ current-collecting layer on the stability of anode-supported solid oxide fuel cell, J. Alloys Compd., 2010, 496: 433-435.
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- (17)Chunhua Zhao*, Renzhu Liu, Shaorong Wang, Zhenrong Wang, Jiqin Qian, Tinglian Wen, Fabrication and characterization of a cathode-supported tubular solid oxide fuel cell, J. Power Sources, 2009, 192: 552-555.
- (18) Chunhua Zhao*, Biyun Wang, Pinghua Yang, Louis Winnubst, Chusheng Chen, Effects of Cu and Zn co-doping on the electrical properties of Ni0.5Mn_{2.5}O₄ NTC ceramics, J. Eur. Ceram. Soc., 28(2008) 35-40.
- (19)Chunhua Zhao*, Zhongbing Wang, Shouming Wang, Pinghua Yang, Chusheng Chen, Preparation and characterization of negative temperature coefficient (Ni,Mn)O₄-La(Mn,Ni)O₃ composite, J Electroceram ., 2008, 20: 113-117.