



includes SPECIAL SECTION

International Conference on Electrochemical Materials and Technologies for
Clean Sustainable Energy (ICES-2013), July 5-9, 2013, Guangzhou, China

Guest Editors:

San Ping Jiang, Pei Kang Shen, Xueliang Sun

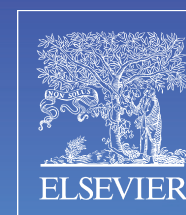
[For list of contents see pp. v–xi]

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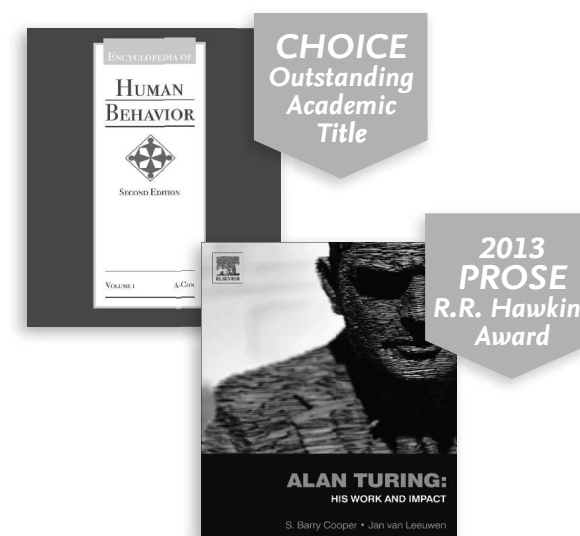
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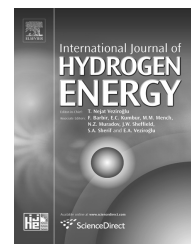
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Special Section on “International Conference on Electrochemical Materials and Technologies for Clean Sustainable Energy (ICES-2013), July 5–9, 2013, Guangzhou, China”



Energy shortages and environmental pollution are serious challenges facing humanity for the long-term. It is still a big challenge to solve these two interrelated problems at the same time. Clean Sustainable Energy will make it possible for clean and renewable energy sources to power the world economy and eliminate the environmental and health hazards caused by the excess use of fossil fuels.

To promote and provide an important platform for the presentation and exchange of the recent advances in the electrochemical energy sciences and technologies, the International Conference on Electrochemical Materials and Technologies for Clean Sustainable Energy was held on July 5–9, 2013 in Guangzhou, China, and was co-organized by Sun Yat-sen University (China), Pennsylvania State University (USA) and Yancheng Institute of Technology (China). The Conference was chaired by Prof. Pei Kang Shen (Sun Yat-sen University, China) and co-chaired by Prof. Jiujun Zhang (National Research Council, Canada), Prof. Andy X Sun (University of Western Ontario, Canada), Prof. Chao-Yang Wang (Pennsylvania State University, USA), Prof. San Ping Jiang (Curtin University, Australia) and Prof. Baolin Wang (Yancheng Institute of Technology, China). The objectives of this conference were to enhance scientific collaboration, to enable commercialization and to exchange significant information on advanced materials and technologies for clean sustainable energy, as well as to explore future R&D directions.

The overall level of participation in this conference was of an exceptionally high standard, attracting about 300 delegates from universities, research institutes and companies, and

included 4 plenary talks, 46 keynote talks, 138 oral presentations and 127 posters. The talks were classified under 6 major topics, including: (i) fuel cells and hydrogen energy, (ii) lithium batteries and advanced secondary batteries, (iii) green energy for a clean environment, (iv) photoelectrocatalysis, (v) supercapacitors and (vi) electrochemical clean energy applications and markets. High-quality papers presented in the conference were selected and published in this special section of the International Journal of Hydrogen Energy after a rigorous and regular peer-reviewed process.

On behalf of the organizing committee, we would like to thank our sponsors and all the invited speakers, session chairs and participants for their support and efforts on the conference, with special appreciation to those who have contributed to the compilation of the high-quality papers of this special section, the IJHE editors, authors, reviewers, and management team.

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Fuel Cells - General

- K. LOGANATHAN, D. BOSE and D. WEINKAUF 15766 Surface modification of carbon black by nitrogen and allylamine plasma treatment for fuel cell electrocatalyst
- Y. YIN, T. WU, P. HE, Q. DU and K. JIAO 15772 Numerical simulation of two-phase cross flow in microstructure of gas diffusion layer with variable contact angle

I.C. Engines

- A.M. SHIVAPUJI and S. DASAPPA 15786 In-cylinder investigations and analysis of a SI gas engine fuelled with H₂ and CO rich syngas fuel: Sensitivity analysis of combustion descriptors for engine diagnostics and control
- D. WU, Y. LIU, Y. LIU and J. WANG 15803 Numerical investigations of the restabilization of hydrogen–air rotating detonation engines

Embrittlement / Properties

- J. TOSQUES, M.H. MARTIN, L. ROUÉ and D. GUAY 15810 Hydrogen solubility in PdCuAg ternary alloy films prepared by electrodeposition
- Y.V. ZAIKA and E.K. KOSTIKOVA 15819 Determination of effective recombination coefficient by thermodesorption method
- H. JIANG, W. WANG, C. ZHANG, X.-N. HU, G.-H. ZHONG, X.-Q. LU and Y.-H. SU 15827 Phase transitions of actinium dihydride: Pressure-induced charge transfer driving effect
- Y. LUO, X. WANG, Q. QIAN and Q. CHEN 15836 Studies on B sites in Fe-doped LaNiO₃ perovskite for SCR of NO_x with H₂
- I.E. GABIS, A.P. BARABAN, V.G. KUZNETSOV, D.I. ELETTS, M.A. DOBROTVORSKII and A.P. VOYT 15844 A mechanism of ultraviolet activation of the α-AlH₃ decomposition

Safety

- S.G. GIANNISSI, A.G. VENETSANOS, N. MARKATOS and J.G. BARTZIS 15851 CFD modeling of hydrogen dispersion under cryogenic release conditions

Corrigenda

- S.H.A. HASSAN, S.M.F. GAD EL-RAB, M. RAHIMNEJAD, M. GHASEMI, J.-H. JOO, Y.-S. OK, I.S. KIM and S.-E. OH 15864 Corrigendum to “Electricity generation from rice straw using a microbial fuel cell” [Int J Hydrogen Energy 39 (2014) 9490–9496]
- X. ZHANG, G. XIA, C. HUANG and Y. WANG 15865 Corrigendum to “Preparation and characterization of Pt nanoparticles supported on modified graphite nanoplatelet using solution blending method” [Int J Hydrogen Energy 38 (2013) 8909–8913]
- G. XIA, C. HUANG and Y. WANG 15866 Corrigendum to “Highly uniform platinum nanoparticles supported on graphite nanoplatelets as a catalyst for proton exchange membrane fuel cells” [Int J Hydrogen Energy 38 (2013) 13754–13761]

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- S.P. JIANG, P.K. SHEN, A.X. SUN 15867 Special section on International Conference on Electrochemical Materials and Technologies for Clean Sustainable Energy (ICES-2013), July 5-9, 2013, Guangzhou, China

Fuel Cells

- Y. LIU, K. CHEN, L. ZHAO, B. CHI, J. PU, S.P. JIANG and L. JIAN 15868 Performance stability and degradation mechanism of La_{0.6}Sr_{0.4}Co_{0.2}Fe_{0.8}O_{3-δ} cathodes under solid oxide fuel cells operation conditions
- C. COUTANCEAU, A. ZALINEEVA, S. BARANTON and M. SIMOES 15877 Modification of palladium surfaces by bismuth adatoms or clusters: Effect on electrochemical activity and selectivity towards polyol electrooxidation



- H.T. CHUNG, G. WU, Q. LI and P. ZELENAY 15887 Role of two carbon phases in oxygen reduction reaction on the Co-PPy-C catalyst
- W. WU and F. JIANG 15894 Microstructure reconstruction and characterization of PEMFC electrodes
- Y. OH, S.-K. KIM, D.-H. PECK, J.-S. JANG, J. KIM and D.-H. JUNG 15907 Improved performance using tungsten carbide/carbon nanofiber based anode catalysts for alkaline direct ethanol fuel cells
- L. WANG, F. YIN and C. YAO 15913 N-doped graphene as a bifunctional electrocatalyst for oxygen reduction and oxygen evolution reactions in an alkaline electrolyte
- X. ZHONG, Z. WANG, Y. HUANG, Y. YU, Q. FENG and Q. LI 15920 Fabrication of Pt nanoparticles on ethylene diamine functionalized graphene for formic acid electrooxidation
- J.-Q. ZENG, S.-N. SUN, J.-P. ZHONG, X.-F. LI, R.-X. WANG, L.-N. WU, L. WANG and Y.-J. FAN 15928 Pd nanoparticles supported on copper phthalocyanine functionalized carbon nanotubes for enhanced formic acid electrooxidation
- X. YUAN, H.-D. SHA, X.-L. DING, H.-C. KONG, H. LIN, W. WEN, T. HUANG, Z. GUO, Z.-F. MA and Y. YANG 15937 Comparative investigation on the properties of carbon-supported cobalt-polyppyrrrole pyrolyzed at various conditions as electrocatalyst towards oxygen reduction reaction
- P. XIAO, J. LI, R. CHEN, R. WANG, M. PAN and H. TANG 15948 Understanding of temperature-dependent performance of short-side-chain perfluorosulfonic acid electrolyte and reinforced composite membrane
- J. GOEL and S. BASU 15956 Effect of support materials on the performance of direct ethanol fuel cell anode catalyst
- N. CHENG, J. LIU, M.N. BANIS, D. GENG, R. LI, S. YE, S. KNIGHTS and X. SUN 15967 High stability and activity of Pt electrocatalyst on atomic layer deposited metal oxide/nitrogen-doped graphene hybrid support
- M. LI, B. HUA, S.P. JIANG, J. PU, B. CHI and L. JIAN 15975 $\text{BaZr}_{0.1}\text{Ce}_{0.7}\text{Y}_{0.1}\text{Yb}_{0.1}\text{O}_{3-\delta}$ as highly active and carbon tolerant anode for direct hydrocarbon solid oxide fuel cells
- M. CHEN and Z. LIN 15982 Theoretical models for effective electrical and electrochemical properties of nano-particle infiltrated electrode of solid oxide fuel cell
- H. ZHANG, J. LI, H. TANG, Y. LIN and M. PAN 15989 Hydrogen crossover through perfluorosulfonic acid membranes with variable side chains and its influence in fuel cell lifetime
- W. OUYANG, D. ZENG, X. YU, F. XIE, W. ZHANG, J. CHEN, J. YAN, F. XIE, L. WANG, H. MENG and D. YUAN 15996 Exploring the active sites of nitrogen-doped graphene as catalysts for the oxygen reduction reaction
- X. YUAN, H.-C. KONG, Y.-J. HE, Z.-F. MA, Y. YANG and Q. LI 16006 Effects of composition on electrochemical properties of a non-precious metal catalyst towards oxygen reduction reaction
- N. LI, Y.-X. ZENG, S. CHEN, C.-W. XU and P.-K. SHEN 16015 Ethanol oxidation on Pd/C enhanced by MgO in alkaline medium
- Z. TAO, B. WANG, G. HOU and N. XU 16020 Preparation of $\text{BaZr}_{0.1}\text{Ce}_{0.7}\text{Y}_{0.2}\text{O}_{3-\delta}$ thin membrane based on a novel method-drop coating
- R. LIN, Y. WENG, Y. LI, X. LIN, S. XU and J. MA 16025 Internal behavior of segmented fuel cell during cold start
- L. QI, Y. YIN, W. SHI, J. LIU, D. XING, F. LIU, Z. HOU, J. GU, P. MING and Z. ZOU 16036 Intermittent microwave synthesis of nanostructured Pt/TiN-graphene with high catalytic activity for methanol oxidation
- X. XU, T. YUAN, Y. ZHOU, Y. LI, J. LU, X. TIAN, D. WANG and J. WANG 16043 Facile synthesis of boron and nitrogen-doped graphene as efficient electrocatalyst for the oxygen reduction reaction in alkaline media
- D. CHEN, Y. ZHAO, Y. FAN, W. WANG, X. LI, X. PENG, X. WANG and J. TIAN 16053 Preparation and characterization of core-shell-like PbPt nanoparticles electro-catalyst supported on graphene for methanol oxidation
- Y. ZENG, J. WU, A.P. BAKER and X. LIU 16061 Magnetron-sputtered Mn/Co(40:60) coating on ferritic stainless steel SUS430 for solid oxide fuel cell interconnect applications



Batteries

- D. HAN, B. ZHANG, M. XIAO, P. SHEN, S. WANG, G. CHEN and Y. MENG 16067 Polysulfide rubber-based sulfur-rich composites as cathode material for high energy lithium/sulfur batteries
- Y. LI, R. MI, S. LI, X. LIU, W. REN, H. LIU, J. MEI and W.-M. LAU 16073 Sulfur–nitrogen doped multi walled carbon nanotubes composite as a cathode material for lithium sulfur batteries
- S. KANG, Y. LI, M. WU, M. CAI and P.K. SHEN 16081 Synthesis of hierarchically flower-like FeWO_4 as high performance anode materials for Li-ion batteries by a simple hydrothermal process
- Y. WANG, S. WANG, M. XIAO, D. HAN and Y. MENG 16088 Preparation and characterization of a novel layer-by-layer porous composite membrane for vanadium redox flow battery (VRB) applications
- H. ZHANG, Y. CHEN, J. LI, C. HE and Y. CHEN 16096 $\text{Li}_4\text{Ti}_5\text{O}_{12}$ /CNTs composite anode material for large capacity and high-rate lithium ion batteries
- G. LI, M. LI, L. DONG, H. SONG, L. DONG, J. DENG and D. LI 16103 The influence of change in structural characteristics induced by beam current on mechanical properties of LiPON solid-state electrolyte films
- C. CAO, H. WANG, W. LIU, X. LIAO and L. LI 16110 Nafion membranes as electrolyte and separator for sodium-ion battery
- L. DONG, M. LI, L. DONG, M. ZHAO, J. FENG, Y. HAN, J. DENG, X. LI, D. LI and X. SUN 16116 Hydrothermal synthesis of mixed crystal phases TiO_2 –reduced graphene oxide nanocomposites with small particle size for lithium ion batteries
- Y. WANG, S. WANG, M. XIAO, S. SONG, D. HAN, M.A. HICKNER and Y. MENG 16123 Amphoteric ion exchange membrane synthesized by direct polymerization for vanadium redox flow battery application

Supercapacitance

- Y. HUANG, X. ZHONG, H. HUANG, Q. LI, Z. WANG, Q. FENG and H. WANG 16132 Effect of Nafion on the preparation and capacitance performance of polyaniline
- D. SHU, H. CHENG, C. LV, M.A. ASI, L. LONG, C. HE, X. ZOU and Z. KANG 16139 Soft-template synthesis of vanadium oxynitride-carbon nanomaterials for supercapacitors
- H. CHENG, L. LONG, D. SHU, J. WU, Y. GONG, C. HE, Z. KANG and X. ZOU 16151 The supercapacitive behavior and excellent cycle stability of graphene/ MnO_2 composite prepared by an electrostatic self-assembly process
- F. MIAO, C. SHAO, X. LI, Y. ZHANG, N. LU, K. WANG and Y. LIU 16162 One-dimensional heterostructures of beta-nickel hydroxide nanoplates/electrospun carbon nanofibers: Controlled fabrication and high capacitive property
- Y. CHEN, Z. HUANG, H. ZHANG, Y. CHEN, Z. CHENG, Y. ZHONG, Y. YE and X. LEI 16171 Synthesis of the graphene/nickel oxide composite and its electrochemical performance for supercapacitors

Electrolysis, hydrogen generation and others

- H. WANG, F. YIN, G. LI, B. CHEN and Z. WANG 16179 Preparation, characterization and bifunctional catalytic properties of MOF(Fe/Co) catalyst for oxygen reduction/evolution reactions in alkaline electrolyte
- Z. XIA, Y. SHEN, Y. WANG, C.K. POH and J. LIN 16187 Development of a portable hydrogen generator with differential pressure-driven control
- J. ZHAO, W. ZHOU and J. MA 16195 Pretreatment as the crucial step for biogas reforming to hydrogen over Ni–Co bimetallic catalyst: Effect of CO_2 pretreatment time
- W. WANG, Y. ZHAO, D. CHEN, X. WANG, X. PENG and J. TIAN 16202 Promoted Mo incorporated Co–Ru–B catalyst for fast hydrolysis of NaBH_4 in alkaline solutions
- D. WANG, X.-T. ZHANG, P.-P. SUN, S. LU, L.-L. WANG, Y.-A. WEI and Y.-C. LIU 16212 Enhanced photoelectrochemical water splitting on hematite thin film with layer-by-layer deposited ultrathin TiO_2 underlayer

- Z. HUANG, J.R. MCKONE, C. XIANG,
R.L. GRIMM, E.L. WARREN, J.M. SPURGEON,
H.-J. LEWERENZ, B.S. BRUNSCHWIG and
N.S. LEWIS 16220 Comparison between the measured and modeled hydrogen-evolution
activity of Ni- or Pt-coated silicon photocathodes
- J. XIE, C. GUO and C.M. LI 16227 Interface functionalization with polymer self-assembly to boost photovoltage
of Cu₂O/ZnO nanowires solar cells
- H.P. VELUSWAMY, W.I. CHIN and P. LINGA 16234 Clathrate hydrates for hydrogen storage: The impact of tetrahydrofuran,
tetra-n-butylammonium bromide and cyclopentane as promoters on the
macroscopic kinetics
- Z. AO, S. DOU, Z. XU, Q. JIANG and
G. WANG 16244 Hydrogen storage in porous graphene with Al decoration
- Z. RUI, D. FENG, H. CHEN and H. JI 16252 Anodic TiO₂ nanotube array supported nickel – noble metal bimetallic
catalysts for activation of CH₄ and CO₂ to syngas