

## 2006 Publications

### Journals and Chapters

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### Refereed Conference Papers

H. Chen and Y. T. Chen, "Cellular Automaton Modeling on the Corrosion/oxidation Mechanism of Steel in Liquid Metal Environment," the 2nd COE-INES International Symposium on Innovative Nuclear Energy Systems, INES-2, Yokohama, Japan, November 26-30, 2006.

S. P. Katukota, Y. T. Chen, J. Nie, and R. F. Boehm, "CFD Modeling of Proton Exchange Water Electrolysis for Hydrogen Production," Proceedings of THEFC 1, The 1st National Conference on Hydrogen Energy and Fuel Cell, November 1-2, Sun-Moon Lake, Nantou, Taiwan, 2006.

V. Ponyavin, Y. T. Chen, T. Mohamed, M. Trabia, and A. Hechanova, "Parametric Study of Sulfuric Acid Decomposer for Hydrogen Production," 2nd COE-INES International Symposium on Innovative Nuclear Energy Systems, INES-2, Yokohama, Japan, November 26-30, 2006.

P3. H. Chen, Y. T. Chen, and H. T. Hsieh, "A Stochastic Model of Oxidation Mechanism on High Temperature Corrosion of Stainless Steel," Proceedings of IMECE2006 ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS, IMECE2006-15167, November 5-10, 2006, Chicago, Illinois, USA.

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Y. T. Chen, H. Chen, and H. T. Hsieh, "Lattice Boltzmann Simulation of Corrosion behavior and Oxygen Transfer in the Nature Convection Lead-alloy Flow," 13th International Heat Transfer Conference, August 13-18, 2006, Sydney, Australia.

R. Hurt, R. Boehm, Y. Baghzouz, A. Cubano, and M. J. Hale, "University of Nevada Zero Energy Home Project," 2006 ACEEE Meeting, August 13-18, 2006, Pacific Grove, California.

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S. Deshmukh, Y. Baghzouz, R. B., Design of grid connected PV system for a hydrogen refueling station, Proceeding of ISEC2006, ASME International Solar Energy Conference. July 8-13, 2006, Denver, CO.

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