I. REVIEWED AND INVITED JOURNAL PUBLICATIONS

1. H. Sivadas and J. A. Caton, “Effects of Exhaust Gas Recirculation on Exergy Destruction due to Iso-
   baric Combustion for a Range of Conditions and Fuels’ accepted for publication, *International Jour-

   Fueled Engine Using External Mixture Injection,” accepted for publication, *ASME Transactions —

3. J. A. Caton, “Results from an Engine Cycle Simulation of Compression Ratio and Expansion Ratio
   Effects on Engine Performance,” accepted for publication, *ASME Transactions — Journal of Engi-

   Environmental Conditions and the Channel Depth for an Air-Breathing Polymer Electrolyte Mem-
   brane Fuel Cell (PEMFC),” accepted for publication, *Journal of Fuel Cell Science and Technology*
   , October 2007.

   Coefficients in a Polymer Electrolyte Membrane (PEM) Fuel Cell,” accepted for publication, *ASME

   the Effects of Water Content in the Membrane and Cooling Method,” *Journal of Power Sources*, vol.

7. T. N. Anderson, R. P. Lucht, S. Priyadarsan, K. Annamalai, and J. A. Caton, “In-Situ Measurements of
   Nitric Oxide in Coal-Combustion Exhaust Using a Sensor Based on a Widely-Tunable External Cavity

   of an LPG (Liquified Petroleum Gas) Gas Engine Converted from a Compression Ignition Engine,”

   Monoxide Detection in the 4.4 – 4.8 µm Spectral Region,” *Applied Physics B*, vol. 85, pp. 185–197,
   2006.

    Fuelled Engine Converted from a Diesel Engine,” *Journal of Energy Engineering (Korea)*, vol. 15, no.

    Temperature Region of Diesel Soot Precursor Formation Using a Two-Stage Lagrangian Model,” *In-

12. P. S. Chavannavar, and J. A. Caton, “The Destruction of Availability (Exergy) due to Combustion

    with High Power and High Efficiency,” *ASME Transactions — Journal of Engineering for Gas Tur-

    Using an Ultraviolet Diode-Laser-Based Absorption Sensor,” *Applied Optics*, vol. 44, no. 8, pp. 1491–
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    Exhaust: Comparison of Three Processes,” *ASME Transactions — Journal of Engineering for Gas Tur-


II. CONFERENCE PUBLICATIONS


III. TECHNICAL REPORTS


IV. EDITED VOLUMES and BOOK CHAPTERS


