Dr. Jacobs's publications

Book Chapters

Refereed Journal Articles
042004-14.


biodiesel in late injection low temperature combustion. *SAE International Journal of Fuels


ignition behavior of low temperature diesel combustion. *ASME Journal of Energy Resources


relative to n-heptane under comparable oxygen equivalence ratio in a homogeneous reactor.

232 – 248.


indicator of low-temperature diesel combustion attainment. *Combustion Science and

fuel conversion efficiency in a medium duty diesel engine. *Journal of Engineering for Gas


30. Bittle, J., Knight, B., Jacobs, T. (2010). The impact of biodiesel on injection timing and
pulsewidth in a common-rail medium-duty diesel engine. *SAE International Journal of


**Refereed Conference Papers**


Non-Refereed Conference Papers / Presentations


34. Bittle, J., Knight, B., Jacobs, T. (2010, March). Demonstration of low temperature combustion for simultaneous and substantial reductions in NOx and soot in a medium-duty diesel engine. Papers delivered at the Central States Section of the Combustion Institute’s 2010 Spring Technical Meeting hosted by the University of Illinois at Urbana-Champaign, Urbana, Illinois.


**Invited Presentations / Lectures**


