

RICHARD G. JOKLIK PH.D.

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SELECTED PUBLICATIONS

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- Gokulakrishnan, P., Ramotowski, M.J., Gaines, G., Fuller, C., Joklik, R., Eskin, M.S., and Roby, R.J., "Experimental Study of NO<sub>x</sub> Formation in Lean, Premixed, Prevaporized Combustion of Fuel Oils at Elevated Pressures", paper GT2007-27552, presented at the ASME Turbo Expo 2007: Power for Land, Sea and Air, Montreal, Canada, May 2007.
- R.G. Joklik and H.S. Rauenzahn, "Evaluation of Particulate Matter and Total Mercury Continuous Emissions Monitors for Compliance Monitoring at Hazardous Waste Combustion Facilities," *Proceedings of the Air and Waste Management Association 89th Annual Meeting*, June 23-28, 1996, Nashville, TN.
- R.G. Joklik, "OH Vibrational Thermally-Assisted LIF Temperature Measurements in Flames," *Combustion Science and Technology*, 87, pp. 109-125 (1992).
- R.G. Joklik, J.J. Horvath, and H.G. Semerjian, "Temperature Measurements in Flames Using Thermally Assisted LIF of Ga," *Applied Optics* 30, pp. 1497-1504 (1991).
- M.R. Zachariah and R.G. Joklik, "Multiphoton Ionization Spectroscopy Measurements of Si Atoms in a Ceramic Particle Forming Flow," *Journal of Applied Physics*, 68,311 (1990).
- R.G. Joklik and J.W. Daily, "LIF Study of CH A-X (0,0) Collision Dynamics in a Low Pressure Oxy-Acetylene Flame," *Combustion and Flame*, 69,211 (1987).
- R.G. Joklik, J.W. Daily, and W.J. Pitz, "Measurements of CH Radical Concentrations in an Acetylene/Oxygen Flame and Comparisons to Modeling Calculations," *21st Symposium (International) on Combustion*, pp. 895-904 (1986).