Archival Publications

O.I. Smith

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1. Smith, O.I., Westbrook, C.K. and Sawyer, R.F., "Lean Limit Combustion in an Expanding Chamber," *Proc. Seventeenth Symp. (Int.) on Combustion*, 1305 (1979).

2. Smith O.I., "Fundamentals of Soot Formation in Flames with Application to Diesel Engine Particulate Emissions," *Progress in Energy and Combustion Science 7,* 74 (1981).

3. Smith, O.I., "Probe Induced Distortions in the Sampling of One-Dimensional Flames," *Comb. and Flame 40,* 187 (1981).

4. Smith, O.I. and Stevenson, J.S., "Determination of Cross-Sections for the Formation of Parent and fagment Ions by Electron Impact from SO2 and SO3," *J. Chem. Phys. 74-12,* 6777 (1981).

5. Smith O.I., Tseregounis, S. and Wang, S., "High Temperature Kinetics of the Reactions of SO2 and SO3 with Atomic Oxygen," *Int. J. Chem. Kin. 14,* 679 (1982).

6. Smith, O.I. and Solomon, W.C., "The Kinetics of Hydrazine Decomposition on Iridium Surfaces," *Ind. Eng. Chem. Fund. 21,* 364 (1982).

7. Smith, O.I., "Cross-Sections for Formation of Parent and Fagment Ions by Electron Impact from C2N2," *Int. J. Mass Spec. and Ion Processes 54,* 55 (1983).

8. Tseregounis, S. and Smith, O.I., "Enhancement of Fuel Nitrogen Oxidation by Fuel Sulfur in Fuel Rich Flames," *Comb. Sci. and Tech. 30,* 231 (1983).

9. Smith, O.I., Wang, S. and Tseregounis, S., "Sulfur Catalyzed Recombination of Atomic Oxygen in a CO/O2/Ar Flame," *Comb. Sci. and Tech. 30,* 241 (1983).

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14. Hepler, W.A. and Smith, O.I., "Numerical Study of a Hydrazine - Nitrogen Tetroxide Diffusion Flame in a Burke-Schumann Burner", *Proc. Twenty-second Symp. (Int.) on Combustion,* 1799 (1988).

15. Thorne, L. R. and Smith, O.I., "The Structure of Cyanogen-Nitrogen Dioxide Premixed Flames", *Proc. 25th JANNAF Combustion Meeting, CPIA Publication 498, Vol. II,* 965 (1988).

16. Slack, M., Cox, J., Grillo, A., Ryan, R., and Smith, O., "Potassium Kinetics in Heavily Seeded Atmospheric Pressure Laminar Methane Flames", *Combust. and Flame, 77,* 311 (1989).

17. Smith, O.I., Marchant, R., Willis, J., Lee, L.M., Logan, P. and Karagozian, A.R., "Incineration of Surrogate Wastes in a Low-Speed Dump Combustor", *Comb. Sci. and Technology, 74,* 199 (1990).

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32. Cadou, C. Smith, O.I. and Karagozian, A.R., "Enhancement of Transport in Acoustically Excited Cavity Flows, Part II: Reactive Flow Diagnostics" to appear in *AIAA Journal.*

33. Mitchell, M.G., Smith, L.L., Karagozian, A.R. and Smith, O.I., "Burner Emissions Associated with Lobed and Non-Lobed Fuel Injectors", *27th Symposium (Intl.) on Combustion* , The Combustion Institute, 1825, (1998).