ÖMER L. GÜLDER – PUBLICATIONS

SUBMITTED/UNDER REVIEW: REFEREE JOURNALS

S.1 Griffin, E. A, Christensen, M., Gülder, Ö. L., “Effect of ethanol addition on soot formation in laminar methane diffusion flames at pressures above atmospheric”, under review.

REFEREE JOURNALS


J.3 Chatterjee, S., Gülder, Ö. L., “Soot concentration and primary particle size in swirl-stabilized non-premixed turbulent flames of ethylene and air”, Experimental Thermal and Fluid Science, (in press); https://doi.org/10.1016/j.expthermflusci.2018.01.035


J.20 Tamadonfar, P., and Gülder, Ö. L., “Experimental investigation of the inner structure of premixed turbulent methane/air flames in the thin reaction zones regime”, Combustion and


J.56 Gülder, Ö. L. “Contribution of Small Scale Turbulence to Burning Velocity of Flamelets


J.78 Gülder, Ö. L., and Smallwood, G. J., “Do Turbulent Premixed Flame Fronts in SI Engines...


J.101 Isigigur, A., Karaosmanoglu, F., Aksoy, H. A., Hamdullahpur, F., and Gülder, Ö. L.,


Gülder, Ö. L., and Wong, J. K. S., “Spheroidal Evaporation and Ignition of Fuel Droplets


Refereed Conferences


C.4 Chatterjee, S., and Gülder, Ö. L., “Soot concentration and primary particle size in swirl-stabilized non-premixed turbulent flames of ethylene and air”, 10th Mediterranean


C.85 Deschamps, B., Gülder, Ö. L., Chauveau, C., and Gökalp, İ., “Comportement Fractal d'une Flamme Conique Turbulente de Methane/Air”, Cinquieme Colloque National de Visualisation et de Traitement d'images en Mecanique des Fluides, du 2 au 5 juin 1992, Université de Poitiers, France


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O.1 De Falco, G., Commodo, M., Joo, P. H., Minutolo, P., D’Anna, A., Gülder, Ö. L., “Raman spectroscopy and atomic force microscopy of soot sampled in high-pressure diffusion
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O.5 Joo, P. H., Christensen, Griffin, E., Gigone, B., Gülder, Ö. L., “Dependence of soot particle size on pressure in methane-air diffusion flames determined by thermophoretic sampling at pressures up to 20 bar”, Combustion Institute Canadian Section Proceedings, McGill University, May 15-18, 2017.


O.12 Tamadonfar, P., and Gülder, Ö. L., “Influence of turbulent Markstein number on flame front
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O.42 Ö. L. Gülder, and N. Panek, “Ethylene Laminar Diffusion Flames at Sub-atmospheric


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O.73 Snelling, D. R., Thomson, K. A., Smallwood, G. J., Weckman, E., Fraser, R., and Gülder,


