ÖMER L. GÜLDER – PUBLICATIONS

Refereed Journals


J.9 Karataş, A. E., Gigone, B., Gülder, Ö. L., “Soot aggregate morphology deduced from thermophoretic sampling in coflow laminar methane diffusion flames at pressures up to 30

https://doi.org/10.1016/j.combustflame.2020.06.043


https://doi.org/10.1016/j.combustflame.2020.05.025


https://doi.org/10.1016/j.combustflame.2020.04.008


https://doi.org/10.1016/j.combustflame.2019.07.033


https://doi.org/10.1016/j.ijhydene.2019.04.210


https://doi.org/10.1016/j.ijhydene.2018.12.006


https://doi.org/10.1016/j.proci.2018.06.103


https://doi.org/10.1016/j.proci.2018.05.093


Refereed Conferences


C.15 Tamadonfar, P., and Gülder, Ö. L., “Effects of mixture composition and turbulence intensity on flame front structure and burning velocities of premixed turbulent


C.26 Karatas, A. E., Intasopa, G., and Gülder, Ö. L., “Soot measurements in laminar diffusion flames of n-heptane diluted with nitrogen or helium at pressures from 2 to 7 atmospheres”,


C.91 Deschamps, B., Gülder, Ö. L., Chauveau, C., and Gökalp, I., “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


Other Conference Papers


O.3 Gülder, Ö. L., “What have we learned from high pressure soot studies – on track to finding a soothing solution or falling into a black hole?”, Proceedings of Combustion Institute - Canadian Section Spring Technical Meeting, The University of British Columbia, Kelowna, May 13-16, 2019.

O.4 Griffin, E. A., Christensen, M., Gülder, Ö. L., “Pressure influence on soot formation in ethanol-doped diffusion flames of methane”, Proceedings of Combustion Institute -
Canadian Section Spring Technical Meeting, Ryerson University, Toronto, May 14-17, 2018.


O.9 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 flames”, 40th Meeting of the Italian Section of the Combustion Institute, June 7-9, 2017, Rome, Italy.


O.13 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.


