

PEER-REVIEWED PUBLICATIONS IN PRINT/PRESS

100. R.J. Griffin, M.L. Dawson, and D. Dabdub, Simulated sensitivity of urban secondary organic aerosol to nitrogen oxides and other chemical parameters, *Aerosol Sci. Technol.*, in press, 2018.
99. W. Ye, C. Zheng, N. Sanchez, A.V. Girija, Q. He, H. Zheng, R.J. Griffin, and F. Tittel, Thermal effects of an ICL-based mid-infrared CH₄ sensor within a wide atmospheric temperature range, in review, *Infr. Phys. Technol.*, in press, 2018.
98. N.P. Sanchez, C. Zhang, W. Ye, B. Czader, D. Cohan, F.K. Tittel, and R.J. Griffin, Exploratory study of atmospheric methane enhancements derived from natural gas use in the Houston area, *Atmos. Environ.*, 176, 261-273, 2018.
97. H.W. Wallace, N.P. Sanchez, C.L. Herring, J.H. Flynn, T.M. VanReken, B.L. Lefer, and R.J. Griffin, Source apportionment of particulate matter and trace gases near a major refinery in the Houston Ship Channel, *Atmos. Environ.*, 173, 16-29, 2018.
96. C.T. Zheng, W.L. Ye, N.P. Sanchez, C.G. Li, L. Dong, Y.D. Wang, R.J. Griffin, and F.K. Tittel, Development and field deployment of a mid-infrared methane sensor without pressure control using interband cascade laser absorption spectroscopy, *Sensors and Actuators B – Chem.*, 244, 365-372, 2017.
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