

# Publications in peer-reviewed journals

- 96.** Mohit Singh, Yutaka Kondo, Sho Ohata, Tatsuhiro Mori, Naga Oshima, Antti Hyvärinen, John Backman, Eija Asmi, Henri Servomaa, Franz Martin Schnaiter, Elisabeth Andrews, Sangeeta Sharma, Kostas Eleftheriadis, Stergios Vratolis, Yongjing Zhao, Makoto Koike, Nobuhiro Moteki & P. R. Sinha, Mass absorption cross section of black carbon for Aethalometer in the Arctic, *Aerosol Science and Technology*, DOI: 10.1080/02786826.2024.2316173, 2024
- 95.** Tao, Y., VandenBoer, T. C., Veres, P. R., Warneke, C., de Gouw, J. A., Weber, R. J., Markovic, M.Z., Zhao, Y., Baker, K.R., Kelly, J.T., Murphy, J.G., Young, C.J. and Roberts, J.M., Hydrogen chloride (HCl) at ground sites during CalNex 2010 and insight into its thermodynamic properties, *Journal of Geophysical Research: Atmospheres*, 127, e2021JD036062. <https://doi.org/10.1029/2021JD036062>, 2022
- 94.** J.S. Teeter, S.J. Werth, S.L. Gruber, J.C. Kube, J.A. Hagenmaier, J.B. Allen, C.T. Herr, M.S. Brown, D. Boler, A.C. Dilger, Y. Zhao, Y. Pan, and F.M. Mitloehner, Effects of feeding lubabegron on gas emissions, growth performance, and carcass characteristics of beef cattle housed in small-pen environmentally monitored enclosures during the last 3 mo of the finishing period, *Journal of Animal Science*, Vol. 99, No. 12, 1–17, [doi.org/10.1093/jas/skab338](https://doi.org/10.1093/jas/skab338), 2021
- 93.** Ohata, S., Mori, T., Kondo, Y., Sharma, S., Hyvärinen, A., Andrews, E., Tunved, P., Asmi, E., Backman, J., Servomaa, H., Veber, D., Eleftheriadis, K., Vratolis, S., Krejci, R., Zieger, P., Koike, M., Kanaya, Y., Yoshida, A., Moteki, N., Zhao, Y., Tobo, Y., Matsushita, J., and Oshima, N.: Estimates of mass absorption cross sections of black carbon for filter-based absorption photometers in the Arctic, *Atmos. Meas. Tech.*, 14, 6723–6748, <https://doi.org/10.5194/amt-14-6723-2021>, 2021
- 92.** Yongjing Zhao, Anthony S. Wexler, Frank Hase, Yuee Pan, Frank M. Mitloehner, Carbon Monoxide Emissions from Corn Silage, *Journal of Environmental Protection*, 2021, 12 (7), 438-453, [ido:10.4236/jep.2021.127027](https://doi.org/10.4236/jep.2021.127027)
- 91.** Elizabeth G Ross, Jase J Ball, Samantha J Werth, Sebastian E Mejia-Turcios, Yongjing Zhao, Yuee Pan, Patrick C Taube, Todd R Meinert, Nicholas K Van Engen, and F M Mitloehner, Effect of ractopamine hydrochloride on environmental gas emissions, growth performance, and carcass characteristics in feedlot steers, *J. Animal Science* 2021, 99(5), 1-10, [doi:10.1093/jas/skab143](https://doi.org/10.1093/jas/skab143).
- 90.** Elizabeth G. Ross, Carlyn B. Peterson, Yongjing Zhao , Yuee Pan, and Frank M. Mitloehner, Manure Flushing versus Scraping in Dairy Freestall Lanes Reduces Gaseous Emissions, *Sustainability* 2021, 13, 5363, [doi:10.3390/su13105363](https://doi.org/10.3390/su13105363)
- 89.** Angelica V. Carrazco, Carlyn B. Peterson, Yongjing Zhao, Yuee Pan, John J. McGlone, Edward J. DePeters and Frank M. Mitloehner, The Impact of Essential Oil Feed Supplementation on Enteric Gas Emissions and Production Parameters from Dairy Cattle, *Sustainability* 2020, 12, 10347; [doi:10.3390/su122410347](https://doi.org/10.3390/su122410347).
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- 86.** T. Mori, Y. Kondo, S. Ohata, Y. Zhao, P. R. Sinha, N. Oshima, H. Matsui, N. Moteki, and M. Koike, Seasonal Variation of Wet Deposition of Black Carbon in Arctic Alaska, *Journal of Geophysical Research: Atmospheres*, 125, 1-24, 2020, doi.org/10.1029/2019JD032240
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- 83.** Asher, E. C., Christensen, J. N., Post, A., Perry, K., Cliff, S. S., Zhao, Y., Trousdell, J., and Faloon, I., The transport of Asian dust and combustion aerosols and associated ozone to North America as observed from a mountain top monitoring site in the California Coast Range. *Journal of Geophysical Research: Atmospheres*, 123, 5667-5680, doi: 10.1029/2017JD028075, 2018
- 82.** Cecilia Leoni, Petra Pokorná, Jan Hovorka, Mauro Masiol, Jan Topinka, Yongjing Zhao, Kamil Křůmal, Steven Cliff, Pavel Mikuška, Philip K. Hopke, Source apportionment of aerosol particles at a European air pollution hot spot using particle number size distributions and chemical composition, *Environmental Pollution*, 234, 145-154, doi: 10.1016/j.envpol.2017.10.097, 2018.
- 81.** P.R. Sinha, Y. Kondo, M. Koike, J. A. Ogren, A. Jefferson, T. E. Barrett, R. J. Sheesley, S. Ohata, N. Moteki, H. Coe, D. Liu, M. Irwin, P. Tunved, P. K. Quinn, and Y. Zhao, Evaluation of ground-based black carbon measurements by filter-based photometers at two Arctic sites, *J. Geophys. Res. Atmos.*, 122, 3544-3572, doi:10.1002/2016JD025843, 2017
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