

PUBLICATIONS USING CALIPSO DATA

Last update: 21 November 2025

Year	Publications
in press	10
2026	11
2025	301
2024	382
2023	334
2022	432
2021	388
2020	340
2019	366
2018	342
2017	296
2016	271
2015	264
2014	256
2013	253
2012	214
2011	195
2010	166
2009	117
2008	70
2007	21
Total	5029

PUBLISHED IN 2026 (11)

1. Fu, T., Y. He, Y. Jia, D. Jing and F. Yi, 2026: “Lidar observations of optical properties of two upper troposphere and lower stratosphere aerosol plumes at Wuhan”, *Atmos. Res.*, **327**, 108347, <https://doi.org/10.1016/j.atmosres.2025.108347>.
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4. Kavosh, M. T. and M. Satari, 2026: “Aerosol extinction coefficient estimation over the European troposphere and lower stratosphere using CALIOP profiles”, *Atmos. Res.*, **328**, 108448, <https://doi.org/10.1016/j.atmosres.2025.108448>.
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6. Ruiz de Morales, J., J. Calbó, J.-A. González, H. Andersen, J. Cermak, J. Fuchs and Y. Sola, 2026: “Global Assessment of the Cloud-Aerosol Transition Zone Using CALIPSO”, *Adv. Atmos. Sci.*, **43**, 321–335, <https://doi.org/10.1007/s00376-025-5052-y>.
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8. Weng, H., Y. Han, L. Dong, Q. Zhou and Y. Zhang, 2026: “Marine Cirrus Properties from Satellite Remote Sensing over the South China Sea: Spatiotemporal Variations and a Case Study”, *Advances in Atmospheric Sciences*, **43**, 191–212, <https://doi.org/10.1007/s00376-025-4305-0>.
9. Wu, Y., B. Li, J. Li, Y. Liang, N. Zhang and A. Sun, 2026: “Enhancing nighttime cloud detection for moderate resolution imagers using a transformer based deep learning network”, *Remote Sens. Environ.*, **332**, 115067, <https://doi.org/10.1016/j.rse.2025.115067>.
10. Xiao, D., C. Lu, S. Gao, J. Zhu, Y. Li, R. Zhou, J. Li, J. Yang and N. Shao, 2026: “Reconstructing historical cloud ice water fraction using machine learning and multi-source satellite data from 1983 to 2009”, *Atmos. Res.*, **330**, 108571, <https://doi.org/10.1016/j.atmosres.2025.108571>.
11. Zheng, J., H. Yu, Y. Zhou, Y. Shi, Z. Zhang, C. Di Biagio, P. Formenti and A. Smirnov, 2026: “A novel retrieval of global dust optical depth and effective diameter based on MODIS thermal infrared observations”, *Remote Sens. Environ.*, **332**, 115083, <https://doi.org/10.1016/j.rse.2025.115083>.

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2. Ali, S., C. Sarangi and S. K. Mehta, 2025: “Regional transport of aerosols from northern India and its impact on boundary layer height and air quality over Chennai, a coastal megacity in southern India”, *Atmos. Chem. Phys.*, **25**, 8769–8783, <https://doi.org/10.5194/acp-25-8769-2025>.

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