

Christoph MÃ¼nkel

List of Publications by Year in descending order

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17
papers

1,461
citations

687363

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940533

16
g-index

26
all docs

26
docs citations

26
times ranked

1625
citing authors

#	ARTICLE	IF	CITATIONS
1	Backscatter Lidar for Aerosol and Cloud Profiling. Springer Handbooks, 2021, , 683-717.	0.6	1
2	Aerosol backscatter profiles from ceilometers: validation of water vapor correction in the framework of CeilLinEx2015. Atmospheric Measurement Techniques, 2019, 12, 471-490.	3.1	13
3	The spatial representativeness of mixing layer height observations in the North China Plain. Atmospheric Research, 2018, 209, 204-211.	4.1	16
4	Mixing layer height on the North China Plain and meteorological evidence of serious air pollution in southern Hebei. Atmospheric Chemistry and Physics, 2018, 18, 4897-4910.	4.9	78
5	Investigation of the mixing layer height derived from ceilometer measurements in the Kathmandu Valley and implications for local air quality. Atmospheric Chemistry and Physics, 2017, 17, 8157-8176.	4.9	46
6	Mixing layer height as an indicator for urban air quality?. Atmospheric Measurement Techniques, 2017, 10, 2969-2988.	3.1	80
7	Recommendations for processing atmospheric attenuated backscatter profiles from Vaisala CL31 ceilometers. Atmospheric Measurement Techniques, 2016, 9, 3769-3791.	3.1	102
8	Mixing layer height and its implications for air pollution over Beijing, China. Atmospheric Chemistry and Physics, 2016, 16, 2459-2475.	4.9	335
9	Evaluation of the Interpretation of Ceilometer Data with RASS and Radiosonde Data. Boundary-Layer Meteorology, 2012, 143, 25-35.	2.3	35
10	Adding confidence levels and error bars to mixing layer heights detected by ceilometer. Proceedings of SPIE, 2011, , .	0.8	8
11	Observation of the structure of the urban boundary layer with different ceilometers and validation by RASS data. Meteorologische Zeitschrift, 2009, 18, 149-154.	1.0	50
12	Improved near-range performance of a low-cost one lens lidar scanning the boundary layer. Proceedings of SPIE, 2009, , .	0.8	1
13	Surface-based remote sensing of the mixing-layer height a review. Meteorologische Zeitschrift, 2008, 17, 621-630.	1.0	210
14	Mixing height determination with lidar ceilometers results from Helsinki Testbed. Meteorologische Zeitschrift, 2007, 16, 451-459.	1.0	58
15	Retrieval of mixing height and dust concentration with lidar ceilometer. Boundary-Layer Meteorology, 2007, 124, 117-128.	2.3	204
16	Mixing layer height over Munich, Germany: Variability and comparisons of different methodologies. Journal of Geophysical Research, 2006, 111, .	3.3	69
17	Atmospheric boundary-layer structure from simultaneous SODAR, RASS, and ceilometer measurements. Atmospheric Environment, 2004, 38, 273-286.	4.1	152