

Angelo Pietro Viola

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5528163/publications.pdf>

Version: 2024-02-01

25
papers

500
citations

687363

13
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

838
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfate source apportionment in the Ny-Ålesund (Svalbard Islands) Arctic aerosol. <i>Rendiconti Lincei</i> , 2016, 27, 85-94.	2.2	66
2	Summer boundary-layer height at the plateau site of Dome C, Antarctica. <i>Boundary-Layer Meteorology</i> , 2005, 115, 409-422.	2.3	65
3	The local wind field at Ny-Ålesund and the Zeppelin mountain at Svalbard. <i>Meteorology and Atmospheric Physics</i> , 2001, 78, 107-113.	2.0	61
4	Observations of sea breeze events in Rome and the surrounding area by a network of Doppler sodars. <i>Boundary-Layer Meteorology</i> , 1994, 71, 67-80.	2.3	43
5	Atmospheric observations at the Amundsen-Nobile Climate Change Tower in Ny-Ålesund, Svalbard. <i>Rendiconti Lincei</i> , 2016, 27, 7-18.	2.2	35
6	Multi-year particle fluxes in Kongsfjorden, Svalbard. <i>Biogeosciences</i> , 2018, 15, 5343-5363.	3.3	27
7	Local Circulation Diurnal Patterns and Their Relationship with Large-Scale Flows in a Coastal Area of the Tyrrhenian Sea. <i>Boundary-Layer Meteorology</i> , 2011, 139, 353-366.	2.3	26
8	Observations of a small-scale baroclinic eddy in the Ligurian Sea. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1985, 32, 215-222.	1.5	18
9	Internal nonlinear tidal waves generated at the Strait of Messina. <i>Continental Shelf Research</i> , 1986, 6, 677-687.	1.8	17
10	Observations of near surface wind speed, temperature and radiative budget at Dome C, Antarctic Plateau during 2005. <i>Antarctic Science</i> , 2014, 26, 104-112.	0.9	16
11	Use of a High-Resolution Sodar to Study Surface-layer Turbulence at Night. <i>Boundary-Layer Meteorology</i> , 2012, 143, 177-188.	2.3	15
12	Mean Vertical Motions in the PBL Measured by Doppler Sodar: Accuracy, Ambiguities, and Possible Improvements. <i>Journal of Atmospheric and Oceanic Technology</i> , 2004, 21, 1532-1544.	1.3	14
13	Wavy Vertical Motions in the ABL Observed by Sodar. <i>Boundary-Layer Meteorology</i> , 2012, 143, 125-141.	2.3	14
14	Multi-seasonal ultrafine aerosol particle number concentration measurements at the Gruevedet observatory, Ny-Ålesund, Svalbard Islands. <i>Rendiconti Lincei</i> , 2016, 27, 59-71.	2.2	14
15	An Investigation on Temperature Variance Scaling in the Atmospheric Surface Layer. <i>Boundary-Layer Meteorology</i> , 2009, 132, 31-42.	2.3	13
16	AGAP: an atmospheric gondola for aerosol profiling. <i>Rendiconti Lincei</i> , 2016, 27, 105-113.	2.2	13
17	Long-Term Performance Assessment of Low-Cost Atmospheric Sensors in the Arctic Environment. <i>Sensors</i> , 2020, 20, 1919.	3.8	11
18	Some Statistics of the Temperature Structure Parameter in the Convective Boundary Layer Observed by Sodar. <i>Boundary-Layer Meteorology</i> , 2014, 150, 215-233.	2.3	9

#	ARTICLE	IF	CITATIONS
19	Performances of a modular PC-based Multi-Tone Sodar system in measuring vertical wind velocity. Meteorologische Zeitschrift, 2007, 16, 357-365.	1.0	8
20	Characteristics of the Night and Day Time Atmospheric Boundary Layer at Dome C, Antarctica. EAS Publications Series, 2007, 25, 49-55.	0.3	6
21	Sodar Detected Top-Down Convection in a Nocturnal Cloud-Topped Boundary Layer: A Case Study. Boundary-Layer Meteorology, 2005, 115, 85-103.	2.3	3
22	On turbulence characteristics at Ny-Ålesund Svalbard. Rendiconti Lincei, 2016, 27, 19-24.	2.2	3
23	First Observations of Energy Budget and Bulk Fluxes at Ny Ålesund (Svalbard) during a 2010 Transition Period as Analyzed with the BEAR Station. , 2012, 2012, 1-12.		1
24	Some aspects of the local atmospheric circulation in the Castelporziano Estate derived from sodar wind measurements. Rendiconti Lincei, 2015, 26, 275-282.	2.2	1
25	Altitude-temporal behaviour of atmospheric ozone, temperature and wind velocity observed at Svalbard. Atmospheric Research, 2018, 207, 100-110.	4.1	1