

Ulrich Platt

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,791
citations

471061

17
h-index

713013

21
g-index

28
all docs

28
docs citations

28
times ranked

2236
citing authors

#	ARTICLE	IF	CITATIONS
1	Springtime Bromine Activation over Coastal and Inland Arctic Snowpacks. ACS Earth and Space Chemistry, 2018, 2, 1075-1086.	1.2	22
2	Vertical Profiles of Tropospheric Ozone From MAX-DOAS Measurements During the CINDI-2 Campaign: Part 1—Development of a New Retrieval Algorithm. Journal of Geophysical Research D: Atmospheres, 2018, 123, 10,637.	1.2	18
3	Remote measurement of high preeruptive water vapor emissions at Sabancaya volcano by passive differential optical absorption spectroscopy. Journal of Geophysical Research: Solid Earth, 2017, 122, 3540-3564.	1.4	30
4	Nitrate radicals and biogenic volatile organic compounds: oxidation, mechanisms, and organic aerosol. Atmospheric Chemistry and Physics, 2017, 17, 2103-2162.	1.9	307
5	Role of the boundary layer in the occurrence and termination of the tropospheric ozone depletion events in polar spring. Atmospheric Environment, 2016, 132, 98-110.	1.9	14
6	The role of open lead interactions in atmospheric ozone variability between Arctic coastal and inland sites. Elementa, 2016, 4, .	1.1	6
7	Vertical distribution of BrO in the boundary layer at the Dead Sea. Environmental Chemistry, 2015, 12, 438.	0.7	16
8	Glyoxal observations in the global marine boundary layer. Journal of Geophysical Research D: Atmospheres, 2014, 119, 6160-6169.	1.2	38
9	Photochemical production of molecular bromine in Arctic surface snowpacks. Nature Geoscience, 2013, 6, 351-356.	5.4	175
10	Radiative transfer corrections for accurate spectroscopic measurements of volcanic gas emissions. Bulletin of Volcanology, 2010, 72, 233-247.	1.1	126
11	Network for Observation of Volcanic and Atmospheric Change (NOVAC)—A global network for volcanic gas monitoring: Network layout and instrument description. Journal of Geophysical Research, 2010, 115, .	3.3	234
12	Halogen oxide measurements at Masaya Volcano, Nicaragua using active long path differential optical absorption spectroscopy. Bulletin of Volcanology, 2009, 71, 659-670.	1.1	59
13	Imaging DOAS for volcanological applications. Bulletin of Volcanology, 2009, 71, 753-765.	1.1	56
14	Atmospheric gas phase reactions. Geophysical Monograph Series, 2009, , 7-15.	0.1	1
15	Air Pollution Monitoring Systems—Past—Present—Future. , 2008, , 3-20.		5
16	COME Observations of Stratospheric Trace Gas Distributions during the Splitting Vortex Event in the Antarctic Winter of 2002. Part I: Measurements. Journals of the Atmospheric Sciences, 2005, 62, 778-785.	0.6	38
17	Iodine oxide in the Dead Sea Valley: Evidence for inorganic sources of boundary layer IO. Journal of Geophysical Research, 2005, 110, .	3.3	37
18	High ClO and ozone depletion observed in the plume of Sakurajima volcano, Japan. Geophysical Research Letters, 2005, 32, .	1.5	73

#	ARTICLE	IF	CITATIONS
19	The Impact of Halogen Chemistry on the Oxidation Capacity of the Troposphere. , 2002, , 67-75.		1
20	Bromine oxide-ozone interaction over the Dead Sea. Journal of Geophysical Research, 2001, 106, 10375-10387.	3.3	74
21	Iodine oxide in the marine boundary layer. Nature, 1999, 397, 572-573.	13.7	312
22	Title is missing!. Journal of Atmospheric Chemistry, 1999, 34, 65-85.	1.4	96
23	Heterogeneous and Homogeneous Chemistry of Reactive Halogen Compounds in the Lower Troposphere. Journal of Atmospheric Chemistry, 1999, 34, 1-8.	1.4	27
24	KARL OTTO MÄNNICH (1925â€“2003): IN MEMORIAM. Radiocarbon, 0, , 1-5.	0.8	1