

Ulrich Platt

List of Publications by Year in descending order

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17
papers

2,214
citations

687220

13
h-index

1058333

14
g-index

20
all docs

20
docs citations

20
times ranked

2409
citing authors

#	ARTICLE	IF	CITATIONS
1	Intra-pixel variability in satellite tropospheric NO ₂ column densities derived from simultaneous space-borne and airborne observations over the South African Highveld. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 2797-2819.	1.2	9
2	Nitrate radicals and biogenic volatile organic compounds: oxidation, mechanisms, and organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2103-2162.	1.9	307
3	Megacity Emissions and Lifetimes of Nitrogen Oxides Probed from Space. <i>Science</i> , 2011, 333, 1737-1739.	6.0	402
4	Halogen oxide measurements at Masaya Volcano, Nicaragua using active long path differential optical absorption spectroscopy. <i>Bulletin of Volcanology</i> , 2009, 71, 659-670.	1.1	59
5	Air Pollution Monitoring Systems – Past – Present – Future. , 2008, , 3-20.		5
6	Iodine oxide in the Dead Sea Valley: Evidence for inorganic sources of boundary layer IO. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	37
7	Derivation of tropospheric NO ₃ profiles using off-axis differential optical absorption spectroscopy measurements during sunrise and comparison with simulations. <i>Journal of Geophysical Research</i> , 2002, 107, ACH 5-1.	3.3	41
8	Temperature dependence of the NO ₃ loss frequency: A new indicator for the contribution of NO ₃ to the oxidation of monoterpenes and NO _x removal in the atmosphere. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 8-1.	3.3	24
9	The Impact of Halogen Chemistry on the Oxidation Capacity of the Troposphere. , 2002, , 67-75.		1
10	Chemistry and oxidation capacity of the nitrate radical in the continental boundary layer near Berlin. <i>Journal of Geophysical Research</i> , 2001, 106, 8013-8025.	3.3	187
11	Iodine oxide in the marine boundary layer. <i>Nature</i> , 1999, 397, 572-573.	13.7	312
12	Improving long-path differential optical absorption spectroscopy with a quartz-fiber mode mixer. <i>Applied Optics</i> , 1997, 36, 1105.	2.1	67
13	UV-absorption cross sections of a series of monocyclic aromatic compounds. <i>Atmospheric Environment</i> , 1997, 31, 3999-4008.	1.9	56
14	Numerical analysis and estimation of the statistical error of differential optical absorption spectroscopy measurements with least-squares methods. <i>Applied Optics</i> , 1996, 35, 6041.	2.1	302
15	Nitrate Radicals in Tropospheric Chemistry. <i>Israel Journal of Chemistry</i> , 1994, 34, 289-300.	1.0	72
16	The Origin of Nitrous and Nitric Acid in the Atmosphere. , 1986, , 299-319.		14
17	Detection of NO ₃ in the polluted troposphere by differential optical absorption. <i>Geophysical Research Letters</i> , 1980, 7, 89-92.	1.5	295