

# Ulrich Platt

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

2,214  
citations

687363

13  
h-index

1058476

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 <sub>2</sub> column densities derived from simultaneous space-borne and airborne observations over the South African Highveld. Atmospheric Measurement Techniques, 2018, 11, 2797-2819.	3.1	9
2	Nitrate radicals and biogenic volatile organic compounds: oxidation, mechanisms, and organic aerosol. Atmospheric Chemistry and Physics, 2017, 17, 2103-2162.	4.9	307
3	Megacity Emissions and Lifetimes of Nitrogen Oxides Probed from Space. Science, 2011, 333, 1737-1739.	12.6	402
4	Halogen oxide measurements at Masaya Volcano, Nicaragua using active long path differential optical absorption spectroscopy. Bulletin of Volcanology, 2009, 71, 659-670.	3.0	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. Journal of Geophysical Research, 2005, 110, .	3.3	37
7	Derivation of tropospheric NO <sub>3</sub> profiles using off-axis differential optical absorption spectroscopy measurements during sunrise and comparison with simulations. Journal of Geophysical Research, 2002, 107, ACH 5-1.	3.3	41
8	Temperature dependence of the NO <sub>3</sub> loss frequency: A new indicator for the contribution of NO <sub>3</sub> to the oxidation of monoterpenes and NO <sub>x</sub> removal in the atmosphere. Journal of Geophysical Research, 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. Journal of Geophysical Research, 2001, 106, 8013-8025.	3.3	187
11	Iodine oxide in the marine boundary layer. Nature, 1999, 397, 572-573.	27.8	312
12	Improving long-path differential optical absorption spectroscopy with a quartz-fiber mode mixer. Applied Optics, 1997, 36, 1105.	2.1	67
13	UV-absorption cross sections of a series of monocyclic aromatic compounds. Atmospheric Environment, 1997, 31, 3999-4008.	4.1	56
14	Numerical analysis and estimation of the statistical error of differential optical absorption spectroscopy measurements with least-squares methods. Applied Optics, 1996, 35, 6041.	2.1	302
15	Nitrate Radicals in Tropospheric Chemistry. Israel Journal of Chemistry, 1994, 34, 289-300.	2.3	72
16	The Origin of Nitrous and Nitric Acid in the Atmosphere. , 1986, , 299-319.		14
17	Detection of NO <sub>3</sub> in the polluted troposphere by differential optical absorption. Geophysical Research Letters, 1980, 7, 89-92.	4.0	295