

# L A Del Negro

## List of Publications by Year in descending order

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17  
papers

1,205  
citations

567281

15  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1624  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the mixing state, mass, and optical size of individual black carbon particles in urban and biomass burning emissions. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	388
2	Hydrogen Radicals, Nitrogen Radicals, and the Production of O <sub>3</sub> in the Upper Troposphere. <i>Science</i> , 1998, 279, 49-53.	12.6	329
3	A comparison of observations and model simulations of NO <sub>x</sub> /NO <sub>y</sub> in the lower stratosphere. <i>Geophysical Research Letters</i> , 1999, 26, 1153-1156.	4.0	61
4	Evaluating the role of NAT, NAD, and liquid H <sub>2</sub> SO <sub>4</sub> /H <sub>2</sub> O/HNO <sub>3</sub> solutions in Antarctic polar stratospheric cloud aerosol: Observations and implications. <i>Journal of Geophysical Research</i> , 1997, 102, 13255-13282.	3.3	54
5	Partitioning of the reactive nitrogen reservoir in the lower stratosphere of the southern hemisphere: Observations and modeling. <i>Journal of Geophysical Research</i> , 1997, 102, 3935-3949.	3.3	50
6	In situ observations of NO <sub>y</sub> , O <sub>3</sub> , and the NO <sub>y</sub> /O <sub>3</sub> ratio in the lower stratosphere. <i>Geophysical Research Letters</i> , 1996, 23, 1653-1656.	4.0	44
7	Observations of large reductions in the NO/NO <sub>y</sub> ratio near the mid-latitude tropopause and the role of heterogeneous chemistry. <i>Geophysical Research Letters</i> , 1996, 23, 3223-3226.	4.0	44
8	Measurements of the NO <sub>y</sub> -N <sub>2</sub> O correlation in the lower stratosphere: Latitudinal and seasonal changes and model comparisons. <i>Journal of Geophysical Research</i> , 1997, 102, 13193-13212.	3.3	41
9	The coupling of ClONO <sub>2</sub> , ClO, and NO <sub>2</sub> in the lower stratosphere from in situ observations using the NASA ER-2 aircraft. <i>Journal of Geophysical Research</i> , 1999, 104, 26705-26714.	3.3	41
10	Comparison of modeled and observed values of NO <sub>2</sub> and JNO <sub>2</sub> during the Photochemistry of Ozone Loss in the Arctic Region in Summer (POLARIS) mission. <i>Journal of Geophysical Research</i> , 1999, 104, 26687-26703.	3.3	36
11	The NO <sub>x</sub> -HNO <sub>3</sub> System in the Lower Stratosphere: Insights from In Situ Measurements and Implications of the JHNO <sub>3</sub> -[OH] Relationship. <i>Journal of Physical Chemistry A</i> , 2001, 105, 1521-1534.	2.5	24
12	Comparison between DC-8 and ER-2 species measurements in the tropical middle troposphere: NO, NO <sub>y</sub> , O <sub>3</sub> , CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O. <i>Journal of Geophysical Research</i> , 1998, 103, 22087-22096.	3.3	22
13	Quantitative constraints on the atmospheric chemistry of nitrogen oxides: An analysis along chemical coordinates. <i>Journal of Geophysical Research</i> , 2000, 105, 24283-24304.	3.3	22
14	The role of HO <sub>x</sub> in super- and subsonic aircraft exhaust plumes. <i>Geophysical Research Letters</i> , 1997, 24, 65-68.	4.0	19
15	Ozone destruction and production rates between spring and autumn in the Arctic stratosphere. <i>Geophysical Research Letters</i> , 2000, 27, 2605-2608.	4.0	16
16	NO <sub>y</sub> partitioning from measurements of nitrogen and hydrogen radicals in the upper troposphere. <i>Geophysical Research Letters</i> , 1999, 26, 51-54.	4.0	9
17	JNO <sub>2</sub> at high solar zenith angles in the lower stratosphere. <i>Geophysical Research Letters</i> , 2001, 28, 2405-2408.	4.0	5