

[Sign In](#) [My EndNote Web](#) [My ResearcherID](#) [My Citation Alerts](#) [My Saved Searches](#) [Log Out](#) [Help](#)

ISI Web of Knowledge™

Take the next step 

Web of Science

Additional Resources

[Search](#) [Cited Reference Search](#) [Advanced Search](#) [Search History](#) [Marked List \(0\)](#)

Web of Science®

## Results

Publication Name=(journal of geophysical research-atmospheres)

AND Year Published=(2007)

Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&amp;HCI.

 Scientific WebPlus<sup>BETA</sup>  
[View Web Results >>](#)

Results: 966

Page 1 of 20 [Go](#)

Sort by: Times Cited

## Refine Results

Search within results for

## Subject Areas

☐ METEOROLOGY & ATMOSPHERIC SCIENCES (966)

## Document Types

☐ ARTICLE (929)  
☐ REVIEW (19)  
☐ CORRECTION (9)  
☐ EDITORIAL MATERIAL (9)  
[more options / values...](#)

## Authors

## Source Titles

## Publication Years

## Institutions

## Languages

## Countries/Territories

For advanced refine options, use

[Analyze Results](#)
[Print](#) [E-mail](#) [Add to Marked List](#)  
[Save to EndNote® Web](#)  
[Save to EndNote®, RefMan, ProCite](#) more options

[Analyze Results](#)  
[Create Citation Report](#)

1. Title: [Second-generation operational algorithm: Retrieval of aerosol properties over land from inversion of Moderate Resolution Imaging Spectroradiometer spectral reflectance](#)  
 Author(s): Levy RC, Remer LA, Mattoo S, et al.  
 Source: JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume: 112  
 Issue: D13 Article Number: D13211 Published: JUL 13 2007  
 Times Cited: 70  
[Full Text](#)
2. Title: [Simulation of secular trends in the middle atmosphere, 1950-2003](#)  
 Author(s): Garcia RR, Marsh DR, Kinnison DE, et al.  
 Source: JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume: 112  
 Issue: D9 Article Number: D09301 Published: MAY 3 2007  
 Times Cited: 59  
[Full Text](#)
3. Title: [Oxygenated and water-soluble organic aerosols in Tokyo](#)  
 Author(s): Kondo Y, Miyazaki Y, Takegawa N, et al.  
 Source: JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume: 112  
 Issue: D1 Article Number: D01203 Published: JAN 12 2007  
 Times Cited: 55  
[Full Text](#)
4. Title: [Multimodel projections of stratospheric ozone in the 21st century](#)  
 Author(s): Eyring V, Waugh DW, Bodeker GE, et al.  
 Source: JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume: 112  
 Issue: D16 Article Number: D16303 Published: AUG 21 2007  
 Times Cited: 48  
[Full Text](#)
5. Title: [Chemical cycling and deposition of atmospheric mercury: Global constraints from observations](#)  
 Author(s): Selin NE, Jacob DJ, Park RJ, et al.  
 Source: JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume: 112  
 Issue: D2 Article Number: D02308 Published: JAN 30 2007  
 Times Cited: 41  
[Full Text](#)
6. Title: [A study of secondary organic aerosol formation in the anthropogenic-influenced southeastern United States](#)  
 Author(s): Weber RJ, Sullivan AP, Peltier RE, et al.  
 Source: JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume: 112  
 Issue: D13 Article Number: D13302 Published: JUL 6 2007  
 Times Cited: 39  
[Full Text](#)
7. Title: [Present-day climate forcing and response from black carbon in snow](#)  
 Author(s): Flanner MG, Zender CS, Randerson JT, et al.  
 Source: JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES Volume: 112  
 Issue: D11 Article Number: D11202 Published: JUN 5 2007  
 Times Cited: 34  
[Full Text](#)

8. Title: [A stratospheric ozone profile data set for 1979-2005: Variability, trends, and comparisons with column ozone data](#)  
 Author(s): Randel WJ, Wu F  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D6** Article Number: **D06313** Published: **MAR 31 2007**  
 Times Cited: **34**  
[Full Text](#)
9. Title: [Global aerosol optical properties and application to Moderate Resolution Imaging Spectroradiometer aerosol retrieval over land](#)  
 Author(s): Levy RC, Remer LA, Dubovik O  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D13** Article Number: **D13210** Published: **JUL 13 2007**  
 Times Cited: **33**  
[Full Text](#)
10. Title: [Development of a simple groundwater model for use in climate models and evaluation with Gravity Recovery and Climate Experiment data](#)  
 Author(s): Niu GY, Yang ZL, Dickinson RE, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D7** Article Number: **D07103** Published: **APR 7 2007**  
 Times Cited: **33**  
[Full Text](#)
11. Title: [Why are there large differences between models in global budgets of tropospheric ozone?](#)  
 Author(s): Wu SL, Mickley LJ, Jacob DJ, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D5** Article Number: **D05302** Published: **MAR 3 2007**  
 Times Cited: **33**  
[Full Text](#)
12. Title: [Global assessment of marine boundary layer cloud droplet number concentration from satellite](#)  
 Author(s): Bennartz R  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D2** Article Number: **D02201** Published: **JAN 18 2007**  
 Times Cited: **33**  
[Full Text](#)
13. Title: [Global impacts of aerosols from particular source regions and sectors](#)  
 Author(s): Koch D, Bond TC, Streets D, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D2** Article Number: **D02205** Published: **JAN 24 2007**  
 Times Cited: **32**  
[Full Text](#)
14. Title: [Satellite cartography of atmospheric methane from SCIAMACHY on board ENVISAT: 2. Evaluation based on inverse model simulations](#)  
 Author(s): Bergamaschi P, Frankenberg C, Meirink JF, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D2** Article Number: **D02304** Published: **JAN 24 2007**  
 Times Cited: **32**  
[Full Text](#)
15. Title: [Precision requirements for space-based X-CO2 data](#)  
 Author(s): Miller CE, Crisp D, DeCola PL, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D10** Article Number: **D10314** Published: **MAY 26 2007**  
 Times Cited: **31**  
[Full Text](#)
16. Title: [Surface and lightning sources of nitrogen oxides over the United States: Magnitudes, chemical evolution, and outflow](#)  
 Author(s): Hudman RC, Jacob DJ, Turquety S, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D12** Article Number: **D12S05** Published: **APR 18 2007**  
 Times Cited: **31**  
[Full Text](#)
17. Title: [A tropospheric assessment of the ERA-40, NCEP, and JRA-25 global reanalyses in the polar regions](#)  
 Author(s): Bromwich DH, Fogt RL, Hodges KI, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D10** Article Number: **D10111** Published: **MAY 22 2007**

Times Cited: 30

[Full Text](#)

18. Title: [Assessment of the performance of ECC-ozonesondes under quasi-flight conditions in the environmental simulation chamber: Insights from the Juelich Ozone Sonde Intercomparison Experiment \(JOSIE\)](#)  
 Author(s): Smit HGJ, Straeter W, Johnson BJ, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D19** Article Number: **D19306** Published: **OCT 11 2007**  
 Times Cited: 28  
[Full Text](#)
19. Title: [3-D aerosol-cloud radiative interaction observed in collocated MODIS and ASTER images of cumulus cloud fields](#)  
 Author(s): Wen GY, Marshak A, Cahalan RF, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D13** Article Number: **D13204** Published: **JUL 6 2007**  
 Times Cited: 28  
[Full Text](#)
20. Title: [NOx emission trends for China, 1995-2004: The view from the ground and the view from space](#)  
 Author(s): Zhang Q, Streets DG, He K, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D22** Article Number: **D22306** Published: **NOV 29 2007**  
 Times Cited: 26  
[Full Text](#)
21. Title: [Space-based formaldehyde measurements as constraints on volatile organic compound emissions in east and south Asia and implications for ozone](#)  
 Author(s): Fu TM, Jacob DJ, Palmer PI, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D6** Article Number: **D06312** Published: **MAR 31 2007**  
 Times Cited: 26  
[Full Text](#)
22. Title: [Sensitivity of chemical tracers to meteorological parameters in the MOZART-3 chemical transport model](#)  
 Author(s): Kinnison DE, Brasseur GP, Walters S, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D20** Article Number: **D20302** Published: **OCT 17 2007**  
 Times Cited: 25  
[Full Text](#)
23. Title: [Comparisons of Tropospheric Emission Spectrometer \(TES\) ozone profiles to ozonesondes: Methods and initial results](#)  
 Author(s): Worden HM, Logan JA, Worden JR, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D3** Article Number: **D03309** Published: **FEB 15 2007**  
 Times Cited: 25  
[Full Text](#)
24. Title: [Source apportionment of PM2.5 organic aerosol over Europe: Primary/secondary, natural/anthropogenic, and fossil/biogenic origin](#)  
 Author(s): Gelencser A, May B, Simpson D, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D23** Article Number: **D23S04** Published: **SEP 7 2007**  
 Times Cited: 24  
[Full Text](#)
25. Title: [Ozonolysis of alpha-pinene at atmospherically relevant concentrations: Temperature dependence of aerosol mass fractions \(yields\)](#)  
 Author(s): Pathak RK, Stanier CO, Donahue NM, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D3** Article Number: **D03201** Published: **FEB 2 2007**  
 Times Cited: 24  
[Full Text](#)
26. Title: [Global budget of CO, 1988-1997: Source estimates and validation with a global model](#)  
 Author(s): Duncan BN, Logan JA, Bey I, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D22** Article Number: **D22301** Published: **NOV 17 2007**  
 Times Cited: 23  
 Find it at  [Full Text](#)

27. Title: [Space-based constraints on the production of nitric oxide by lightning](#)  
 Author(s): Martin RV, Sauvage B, Folkins I, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D9 Article Number: D09309 Published: MAY 11 2007  
 Times Cited: 23  
[Find it at](#)  [Full Text](#)
28. Title: [Comparison and assimilation of global soil moisture retrievals from the Advanced Microwave Scanning Radiometer for the Earth Observing System \(AMSR-E\) and the Scanning Multichannel Microwave Radiometer \(SMMR\)](#)  
 Author(s): Reichle RH, Kostler RD, Liu P, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D9 Article Number: D09108 Published: MAY 8 2007  
 Times Cited: 23  
[Find it at](#)  [Full Text](#)
29. Title: [Water isotope expressions of intrinsic and forced variability in a coupled ocean-atmosphere model](#)  
 Author(s): Schmidt GA, LeGrande AN, Hoffmann G  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D10 Article Number: D10103 Published: MAY 17 2007  
 Times Cited: 22  
[Find it at](#)  [Full Text](#)
30. Title: [Atmospheric controls on the annual cycle of North African dust](#)  
 Author(s): Engelstaedter S, Washington R  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D3 Article Number: D03103 Published: FEB 13 2007  
 Times Cited: 22  
[Find it at](#)  [Full Text](#)
31. Title: [Southern Hemisphere Additional Ozonesondes \(SHADOZ\) 1998-2004 tropical ozone climatology: 3. Instrumentation, station-to-station variability, and evaluation with simulated flight profiles](#)  
 Author(s): Thompson AM, Witte JC, Smit HGJ, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D3 Article Number: D03304 Published: FEB 9 2007  
 Times Cited: 22  
[Find it at](#)  [Full Text](#)
32. Title: [Measurements of heterogeneous ice nuclei in the western United States in springtime and their relation to aerosol characteristics](#)  
 Author(s): Richardson MS, DeMott PJ, Kreidenweis SM, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D2 Article Number: D02209 Published: JAN 31 2007  
 Times Cited: 22  
[Find it at](#)  [Full Text](#)
33. Title: [Ice properties of single-layer stratocumulus during the Mixed-Phase Arctic Cloud Experiment: 2. Model results](#)  
 Author(s): Fridlind AM, Ackerman AS, McFarquhar G, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D24 Article Number: D24202 Published: DEC 20 2007  
 Times Cited: 21  
[Find it at](#)  [Full Text](#)
34. Title: [Modeling the whole atmosphere response to solar cycle changes in radiative and geomagnetic forcing](#)  
 Author(s): Marsh DR, Garcia RR, Kinnison DE, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D23 Article Number: D23306 Published: DEC 13 2007  
 Times Cited: 21  
[Find it at](#)  [Full Text](#)
35. Title: [Atmospheric brown clouds: Hemispherical and regional variations in long-range transport, absorption, and radiative forcing](#)  
 Author(s): Ramanathan V, Li F, Ramana MV, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D22 Article Number: D22S21 Published: OCT 23 2007  
 Times Cited: 21  
[Find it at](#)  [Full Text](#)
36. Title: [Impacts of global climate change and emissions on regional ozone and fine particulate matter concentrations over the United States](#)  
 Author(s): Tagaris E, Manomaiphiboon K, Liao KJ, et al.

Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D14** Article Number: **D14312** Published: **JUL 31 2007**  
 Times Cited: **21**

Find it at  [Full Text](#)

- ☐ 37. Title: [Have Australian rainfall and cloudiness increased due to the remote effects of Asian anthropogenic aerosols?](#)  
 Author(s): Rotstajn LD, Cai WJ, Dix MR, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D9** Article Number: **D09202** Published: **MAY 2 2007**  
 Times Cited: **21**  
 Find it at  [Full Text](#)
- ☐ 38. Title: [Trends in aerosol radiative effects over Europe inferred from observed cloud cover, solar "dimming" and solar "brightening"](#)  
 Author(s): Norris JR, Wild M  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D8** Article Number: **D08214** Published: **APR 26 2007**  
 Times Cited: **21**  
 Find it at  [Full Text](#)
- ☐ 39. Title: [Hygroscopic growth of atmospheric and model humic-like substances](#)  
 Author(s): Dinar E, Taraniuk I, Graber ER, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D5** Article Number: **D05211** Published: **MAR 13 2007**  
 Times Cited: **21**  
 Find it at  [Full Text](#)
- ☐ 40. Title: [Ice properties of single-layer stratocumulus during the Mixed-Phase Arctic Cloud Experiment: 1. Observations](#)  
 Author(s): McFarquhar GM, Zhang G, Poellot MR, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D24** Article Number: **D24201** Published: **DEC 20 2007**  
 Times Cited: **20**  
 Find it at  [Full Text](#)
- ☐ 41. Title: [Intercontinental Chemical Transport Experiment Ozonesonde Network Study \(IONS\) 2004: 1. Summertime upper troposphere/lower stratosphere ozone over northeastern North America](#)  
 Author(s): Thompson AM, Stone JB, Witte JC, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D12** Article Number: **D12S12** Published: **MAY 15 2007**  
 Times Cited: **20**  
 Find it at  [Full Text](#)
- ☐ 42. Title: [Reactive halogen chemistry in volcanic plumes](#)  
 Author(s): Bobrowski N, von Glasow R, Aiuppa A, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D6** Article Number: **D06311** Published: **MAR 31 2007**  
 Times Cited: **20**  
 Find it at  [Full Text](#)
- ☐ 43. Title: [Seasonal characteristics of the physicochemical properties of North Atlantic marine atmospheric aerosols](#)  
 Author(s): Yoon YJ, Ceburnis D, Cavalli F, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D4** Article Number: **D04206** Published: **FEB 23 2007**  
 Times Cited: **20**  
 Find it at  [Full Text](#)
- ☐ 44. Title: [Aerosols and surface UV products from Ozone Monitoring Instrument observations: An overview](#)  
 Author(s): Torres O, Tanskanen A, Veihelmann B, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D24** Article Number: **D24S47** Published: **DEC 29 2007**  
 Times Cited: **19**  
 Find it at  [Full Text](#)
- ☐ 45. Title: [Biogenic secondary organic aerosol over the United States: Comparison of climatological simulations with observations](#)  
 Author(s): Liao H, Henze DK, Seinfeld JH, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: **D6** Article Number: **D06201** Published: **MAR 16 2007**


Times Cited: 19

Find it at  Full Text

- ☐ 46. Title: [Ozone climatological profiles for satellite retrieval algorithms](#)  
 Author(s): McPeters RD, Labow GJ, Logan JA  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D5 Article Number: D05308 Published: MAR 14 2007  
 Times Cited: 19

Find it at  Full Text


- ☐ 47. Title: [The tropical forest and fire emissions experiment: Emission, chemistry, and transport of biogenic volatile organic compounds in the lower atmosphere over Amazonia](#)  
 Author(s): Karl T, Guenther A, Yokelson RJ, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D18 Article Number: D18302 Published: SEP 19 2007  
 Times Cited: 18

Find it at  Full Text

- ☐ 48. Title: [Modeling carbonaceous aerosol over Europe: Analysis of the CARBOSOL and EMEP EC/OC campaigns](#)  
 Author(s): Simpson D, Yttri KE, Klimont Z, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D23 Article Number: D23S14 Published: AUG 22 2007  
 Times Cited: 18

Find it at  Full Text

- ☐ 49. Title: [Nitrogen oxide measurements at rural sites in Switzerland: Bias of conventional measurement techniques](#)  
 Author(s): Steinbacher M, Zellweger C, Schwarzenbach B, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D11 Article Number: D11307 Published: JUN 12 2007  
 Times Cited: 18

Find it at  Full Text

- ☐ 50. Title: [Latitude-dependent long-term variations in polar mesospheric clouds from SBUV version 3 PMC data](#)  
 Author(s): DeLand MT, Shettle EP, Thomas GE, et al.  
 Source: **JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES** Volume: 112  
 Issue: D10 Article Number: D10315 Published: MAY 30 2007  
 Times Cited: 18

Find it at  Full Text

Results: 966 Show 50 per page

Page 1 of 20 Go 

Sort by: Times Cited

## Output Records

## Step 1:

- ☒ Selected Records on page  
☐ All records on page  
☐ Records to

## Step 2:

- ☒ Authors, Title, Source  
☒ plus Abstract  
☐ Full Record  
☐ plus Cited Reference

## Step 3:

[\[How do I export to bibliographic management software?\]](#)

Print E-mail Add to Marked List

Save to EndNote Web

Save to EndNote, RefMan, ProCite

Save to other Reference Software Save

966 records matched your query of the 42,849,073 in the data limits you selected.

View in  EnglishPlease give us your [feedback](#) on using ISI Web of Knowledge.

[Acceptable Use Policy](#)  
 Copyright © 2009 Thomson Reuters



THOMSON REUTERS

Published by Thomson Reuters

