


[Sign on](#)[SAO/NASA Astrophysics Data System \(ADS\)](#)References for [1997Icar..130...16L](#) from the ADS Database[Go to bottom of page](#)The Reference database in the ADS is **NOT** complete. Please keep this in mind when using the [ADS Reference lists](#).Selected and retrieved **58** abstracts. Total references: **58**Sort options 

#	Bibcode Authors	Cites Date Title	List of Links Access Control Help
1	1988A&A...190L..15A Altenhoff, W. J.; Chini, R.; Hein, H.; Kreysa, E.; Mezger, P. G.; Salter, C.; Schraml, J. B.	1.000 01/1988 First radio astronomical estimate of the temperature of Pluto	A F G R C U
2	1986aiop.book....A Atreya, Sushil K.	1.000 00/1986 Atmospheres and Ionospheres of the Outer Planets and their Satellites	C U
3	1989GeoRL..16.1229B Bagenal, Fran; McNutt, Ralph L., Jr.	1.000 11/1989 Pluto's interaction with the solar wind	A E R C U
4	1973aero.book....B Banks, P. M.; Kockarts, G.	1.000 00/1973 Aeronomy.	C U
5	1989Sci...246.1459B Broadfoot, A. L.; Atreya, S. K.; Bertaux, J. L.; Blamont, J. E.; Dessler, A. J.; Donahue, T. M.; Forrester, W. T.; Hall, D. T.; Herbert, F.; Holberg, J. B.; and 12 coauthors	1.000 12/1989 Ultraviolet spectrometer observations of Neptune and Triton	A E R C U
6	1989JPhCh..93.4047B Brouard, M.; McPherson, M. T.; Pilling, M. J.	1.000 00/1989 Experimental and RRKM modelling study of the CH₃ + H and CH₃ + D reactions	R C U

- 7 [1987IGS...36....C](#) 1.000 00/1987 [A](#) [C](#) [K](#) [U](#)
Chamberlain, Joseph W.;
Hunten, Donald M. [Theory of planetary atmospheres: an introduction to their physics and chemistry /2nd revised and enlarged edition/](#)
-
- 8 [1978AJ....83.1005C](#) 1.000 08/1978 [A](#) [F](#) [G](#) [R](#) [C](#) [U](#)
[Christy, J. W.;](#)
[Harrington, R. S.](#) [The satellite of Pluto](#)
-
- 9 [1993Sci...261..742C](#) 1.000 08/1993 [A](#) [E](#) [R](#) [C](#) [U](#)
Cruikshank, D. P.;
Roush, T. L.; Owen, T. C.;
Geballe, T. R.;
de Bergh, C.; Schmitt, B.;
Brown, R. H.;
Bartholomew, M. J. [Ices on the surface of Triton](#)
-
- 10 [1980Icar...41...96C](#) 1.000 01/1980 [A](#) [E](#) [C](#) [U](#)
Cruikshank, D. P.;
Silvaggio, P. M. [The surface and atmosphere of Pluto](#)
-
- 11 [1989Icar...77..148E](#) 1.000 01/1989 [A](#) [E](#) [R](#) [C](#) [U](#)
Elliot, J. L.;
Dunham, E. W.;
Bosh, A. S.; Slivan, S. M.;
Young, L. A.;
Wasserman, L. H.;
Millis, R. L. [Pluto's atmosphere](#)
-
- 12 [1992AJ....103..991E](#) 1.000 03/1992 [A](#) [F](#) [G](#) [R](#) [C](#) [O](#) [U](#)
Elliot, J. L.; Young, L. A. [Analysis of stellar occultation data for planetary atmospheres. I - Model fitting, with application to Pluto](#)
-
- 13 [1989Icar...80..439E](#) 1.000 08/1989 [A](#) [E](#) [R](#) [C](#) [U](#)
Eshleman, V. R. [Pluto's atmosphere - Models based on refraction, inversion, and vapor-pressure equilibrium](#)
-
- 14 [1980Icar...44...62F](#) 1.000 10/1980 [A](#) [E](#) [T](#) [R](#) [C](#) [U](#)
Fink, U.; Smith, B. A.;
Johnson, J. R.;
Reitsema, H. J.;
Benner, D. C.;
Westphal, J. A. [Detection of a CH4 atmosphere on Pluto](#)
-
- 15 [1988Natur.336..452H](#) 1.000 12/1988 [A](#) [E](#) [R](#) [C](#) [U](#)
Hubbard, W. B.;
Hunten, D. M.;
Dieters, S. W.; Hill, K. M.; [Occultation evidence for an atmosphere on Pluto](#)

Watson, R. D.

-
- 16 [1990Icar...84...1H](#) 1.000 03/1990 [A](#) [E](#) [R](#) [C](#) [U](#)
 Hubbard, W. B.; **Nonisothermal Pluto atmosphere models**
 Yelle, R. V.; Lunine, J. I.
-
- 17 [1990ApJ...362..354I](#) 1.000 10/1990 [A](#) [F](#) [G](#) [R](#) [C](#) [U](#)
 Ip, W.-H. Titan's upper ionosphere
-
- 18 [1990GeoRL..17.1713I](#) 1.000 09/1990 [A](#) [E](#) [R](#) [C](#)
 Ip, W.-H. On the ionosphere of Triton - an evaluation of the magnetospheric electron precipitation and photoionization effects
-
- 19 [1990Natur.345..511I](#) 1.000 06/1990 [A](#) [E](#) [R](#) [C](#) [U](#)
 Ip, W.-H. Meteoroid ablation processes in Titan's atmosphere
-
- 20 [1994DPS....26.2801I](#) 1.000 06/1994 [C](#)
 Ip, W.-H.; Lara, L. **Pluto's Upper Ionosphere: A Quick Look**
-
- 21 [1992ESASP.338..243I](#) 1.000 04/1992 [A](#) [T](#) [C](#)
 Ip, Wing-H. Plasma interaction of Titan with the Saturnian magnetosphere: A review of critical issues
-
- 22 [1994AJ....107..372J](#) 1.000 01/1994 [A](#) [F](#) [G](#) [R](#) [C](#) [U](#)
 Jewitt, D. C. **Heat from Pluto**
-
- 23 [1992JGR....9712117K](#) 1.000 08/1992 [A](#) [E](#) [R](#) [C](#) [U](#)
 Keller, C. N.; A model of the ionosphere of Titan
 Cravens, T. E.; Gan, L.
-
- 24 [1993JGR....98.3065K](#) 1.000 02/1993 [A](#) [E](#) [T](#) [R](#) [C](#) [U](#)
 Krasnopolsky, V. A.; Temperature, N₂, and N density profiles of Triton's atmosphere -
 Sandel, B. R.; Herbert, F.; Observations and model
 Vervack, R. J.
-
- 25 [1995JGR...10011271K](#) 1.000 10/1995 [A](#) [R](#) [C](#)
 Krasnopolsky, Vladimir A.; Photochemistry of Triton's Atmosphere and Ionosphere
 Cruikshank, Dale P.
-
- 26 [1995JGR...10021271K](#) 1.000 00/1995 [A](#) [E](#) [F](#) [C](#)
 Krasnopolsky, Vladimir A.; Photochemistry of Triton's atmosphere and ionosphere
 Cruikshank, Dale P.
-
- 27 [1996JGR...10123261L](#) 1.000 10/1996 [A](#) [E](#) [F](#) [R](#) [C](#) [U](#)
 Lara, L. M.; Lellouch, E.; Vertical distribution of Titan's atmospheric neutral constituents

López-Moreno, J. J.;
Rodrigo, R.

-
- 28 [1980JChPh..72.6414L](#) 1.000 06/1980 [A](#) [E](#) [R](#) [C](#)
Lee, L. C. CN(A 2Πi-->X 2Σ+) and CN(B 2Σ+-->X 2Σ+) yields from HCN photodissociation
-
- 29 [1994Icar..108..255L](#) 1.000 04/1994 [A](#) [E](#) [R](#) [C](#) [U](#)
Lellouch, Emmanuel **The thermal structure of Pluto's atmosphere: Clear VS hazy models**
-
- 30 [1994Icar..108..112L](#) 1.000 03/1994 [A](#) [E](#) [R](#) [C](#) [U](#)
Lellouch, Emmanuel;
Romani, Paul N.;
Rosenqvist, Jan The vertical Distribution and Origin of HCN in Neptune's Atmosphere
-
- 31 [1989GeoRL..16.1225M](#) 1.000 11/1989 [A](#) [E](#) [R](#) [C](#)
McNutt, Ralph L., Jr. **Models of Pluto's upper atmosphere**
-
- 32 [1993Icar..105..282M](#) 1.000 10/1993 [A](#) [E](#) [R](#) [C](#) [U](#)
Millis, R. L.;
Wasserman, L. H.;
Franz, O. G.; Nye, R. A.;
Elliot, J. L.;
Dunham, E. W.;
Bosh, A. S.; Young, L. A.;
Slivan, S. M.;
Gilmore, A. C. **Pluto's radius and atmosphere - Results from the entire 9 June 1988 occultation data set**
-
- 33 [1993JChPh..98.2054M](#) 1.000 02/1993 [A](#) [E](#) [R](#) [C](#) [U](#)
Mordaunt, D. H.;
Lambert, I. R.;
Morley, G. P.;
Ashfold, M. N. R.;
Dixon, R. N.;
Western, C. M.;
Schnieder, L.;
Welge, K. H. Primary product channels in the photodissociation of methane at 121.6 nm
-
- 34 [1983JGR....88.5403M](#) 1.000 06/1983 [A](#) [E](#) [R](#) [C](#) [U](#)
Mount, G. H.;
Rottman, G. J. The solar absolute spectral irradiance 1150-3173 Å - May 17, 1982
-
- 35 [1964JChPh..40..558N](#) 1.000 01/1964 [E](#) [C](#) [U](#)
Nakayama, Toshio;
Watanabe, K. Absorption and Photoionization Coefficients of Acetylene, Propyne and 1-Butyne
-
- 36 [1983JChPh..78.1312O](#) 1.000 02/1983 [E](#) [R](#) [C](#)

- | | | | | | | | |
|----|--|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Okabe, Hideo | Photochemistry of acetylene at 1849 & Aring | | | | | |
| 37 | 1981JChPh..75.2772O | 1.000 09/1981 | E | | C | | |
| | Okabe, Hideo | Photochemistry of acetylene at 1470 & Aring | | | | | |
| 38 | 1993Sci...261..745O | 1.000 08/1993 | A | E | R | C | U |
| | Owen, T. C.; Roush, T. L.; Cruikshank, D. P.; Elliot, J. L.; Young, L. A.; de Bergh, C.; Schmitt, B.; Geballe, T. R.; Brown, R. H.; Bartholomew, M. J. | Surface ices and the atmospheric composition of Pluto | | | | | |
| 39 | 1989cup..book....R | 1.000 00/1989 | A | | C | | |
| | Rees, M. H. | Physics and chemistry of the upper atmosphere | | | | | |
| 40 | 1993Icar..106..442R | 1.000 12/1993 | A | E | R | C | U |
| | Romani, Paul N.; Bishop, James; Bezar, Bruno; Atreya, Sushil | Methane photochemistry on Neptune - Ethane and acetylene mixing ratios and haze production | | | | | |
| 41 | 1983JGR...88.8709S | 1.000 11/1983 | A | E | R | C | U |
| | Samuelson, R. E.; Maguire, W. C.; Hanel, R. A.; Kunde, V. G.; Jennings, D. E.; Yung, Y. L.; Aikin, A. C. | CO2 on Titan | | | | | |
| 42 | 1994Icar..111..503S | 1.000 10/1994 | A | E | R | C | U |
| | Stansberry, J. A.; Lunine, J. I.; Hubbard, W. B.; Yelle, R. V.; Hunten, D. M. | Mirages and the nature of Pluto's atmosphere | | | | | |
| 43 | 1992ARA&A..30..185S | 1.000 00/1992 | A | F | G | T | R |
| | Stern, S. A. | The Pluto-Charon system | | | | C | U |
| 44 | 1993Sci...261.1713S | 1.000 09/1993 | A | E | R | C | U |
| | Stern, S. Alan; Weintraub, David A.; Festou, Michel C. | Evidence for a Low Surface Temperature on Pluto from Millimeter-Wave Thermal Emission Measurements | | | | | |
| 45 | 1992GeoRL..19..669S | 1.000 04/1992 | A | E | R | C | |
| | Stevens, Michael H.; | On the thermal structure of Triton's thermosphere | | | | | |

Strobel, Darrell F.;
Summers, Michael E.;
Yelle, Roger V.

-
- 46 [1990GeoRL..17.1729S](#) 1.000 09/1990 [A](#) [E](#) [R](#) [C](#) [U](#)
Strobel, Darrell F.;
Summers, Michael E.;
Herbert, Floyd;
Sandel, Bill R.
The photochemistry of methane in the atmosphere of Triton
-
- 47 [1992Icar..100..512S](#) 1.000 12/1992 [A](#) [E](#) [R](#) [C](#) [U](#)
Strobel, Darrell F.;
Summers, Michael E.;
Zhu, Xun
Titan's upper atmosphere - Structure and ultraviolet emissions
-
- 48 [1996Icar..120..266S](#) 1.000 04/1996 [A](#) [E](#) [R](#) [C](#) [U](#)
Strobel, Darrell F.;
Zhu, Xun;
Summers, Michael E.;
Stevens, Michael H.
On the Vertical Thermal Structure of Pluto's Atmosphere
-
- 49 [1989ApJ...346..495S](#) 1.000 11/1989 [A](#) [F](#) [G](#) [R](#) [C](#) [U](#)
Summers, Michael E.;
Strobel, Darrell F.
Photochemistry of the atmosphere of Uranus
-
- 50 [1987Sci...237.1336S](#) 1.000 09/1987 [A](#) [E](#) [R](#) [C](#) [S](#) [U](#)
Sykes, Mark V.;
Cutri, Roc M.;
Lebofsky, Larry A.;
Binzel, Richard P.
IRAS serendipitous survey observations of Pluto and Charon
-
- 51 [1979GeoRL...6..771T](#) 1.000 10/1979 [A](#) [E](#) [C](#) [U](#)
Torr, M. R.; Torr, D. G.;
Ong, R. A.;
Hinteregger, H. E.
Ionization frequencies for major thermospheric constituents as a function of solar cycle 21
-
- 52 [1990ApJ...359..512T](#) 1.000 08/1990 [A](#) [F](#) [G](#) [R](#) [C](#) [U](#)
Trafton, L.
A two-component volatile atmosphere for Pluto. I - The bulk hydrodynamic escape regime
-
- 53 [1994Icar..112..513T](#) 1.000 12/1994 [A](#) [E](#) [R](#) [C](#) [U](#)
Tryka, Kimberly A.;
Brown, Robert H.;
Chruikshank, Dale P.;
Owen, Tobias C.;
Geballe, Thomas R.;
de Bergh, Catherine
Temperature of nitrogen ice on Pluto and its implications for flux measurements
-

- 54 [1974JChPh..61.4700W](#) 1.000 12/1974 [A](#) [E](#) [R](#) [C](#) [U](#)
West, G. A.; Berry, M. J. CN photodissociation and predissociation chemical lasers - Molecular electronic and vibrational laser emissions
-
- 55 [1989Natur.339..288Y](#) 1.000 05/1989 [A](#) [E](#) [R](#) [C](#) [U](#)
Yelle, R. V.; Lunine, J. I. Evidence for a molecule heavier than methane in the atmosphere of Pluto
-
- 56 [1994PhDT.....12Y](#) 1.000 01/1994 [A](#) [C](#)
Young, Leslie Ann Bulk Properties and Atmospheric Structure of Pluto and Charon.
-
- 57 [1990GeoRL..17.1717Y](#) 1.000 09/1990 [A](#) [E](#) [R](#) [C](#) [U](#)
Yung, Y. L.; Lyons, J. R. Triton - Topside ionosphere and nitrogen escape
-
- 58 [1953JOSA...43..756Z](#) 1.000 09/1953 [A](#) [E](#) [C](#)
Zelikoff, Murray;
Watanabe, K. Absorption coefficients of ethylene in the vacuum ultraviolet
-

or select individual records above for the retrieval options below

Retrieve the above records in other formats or sort order

 Return short list format Display on screen Sort by date (most recent first)

 Custom [format](#):

 Email results to:

To retrieve all records above, use the "Select All Records" button above.

Find papers related to the above articles (Sort by score)

To get lists for all records above, use the "Select All Records" button above.

 Use: Authors Titles Key words

 Abstract

 Return: Results Form for manual query

Get reference lists for selected articles

Get also-read lists for selected articles

Get citation lists for selected articles

Get refereed citation lists for selected articles

Get form to query selected articles only

Number of records to return:

200 starting with record number:

1

Publication Date between _____

and _____

Exclude self-citations (for author queries)

Include terms from previous search in the form

This button brings up a query form that returns only articles selected from the above list. This allows you to further refine the previous query.

[SAO/NASA ADS Homepage](#) | [ADS Sitemap](#) | [Query Form](#) | [Basic Search](#) | [Preferences](#) | [HELP](#) | [FAQ](#)