IR

Year	Author(s)	Title	Category	Link	DOI
1990	Kim, S., Drossart, P., Caldwell, J., Maillard. J.-P.	Temperatures of the Jovian auroral zone inferred from 2-micron H2 quadrupole line observations, Icarus, 84, 54-61	IR	http://adsabs.harvard.edu/abs/1990Icar...84...54K	10.1016/0019-1035(90)90157-5
1990	Maillard, J.-P., Drossart, P., Watson, J. K. G., Kim, S. J., Caldwell, J.	H3(+) Fundamental band in Jupiter's auroral zones at high resolution from 2400 to 2900 inverse centimeters, AJ, 363, L37-L41	IR	http://adsabs.harvard.edu/abs/1990ApJ...363L..37M	10.1086/185859
1990	Miller, S., Joseph, R. D., Tennyson, J.	Infrared emissions of H3(+) in the atmosphere of Jupiter in the 2.1 and 4.0 micron region. [Erratum: 1991ApJ...367L..37M], AJ, 360, L55-L58	IR	http://adsabs.harvard.edu/abs/1990ApJ...360L..55M	10.1086/185811
1990	Oka, T., Geballe, T. R.	Observations of the 4 micron fundamental band of H3(+) in Jupiter, AJ, 351, L53-L56	IR	http://adsabs.harvard.edu/abs/1990ApJ...351L..53O	10.1086/185678
1991	Baron, R., Joseph, R. D., Owen T., Tennyson, J., Miller, S., Ballester, G. E.	Imaging Jupiter's aurorae from H3(+) emissions in the 3-4 micron band, Nature, 353, 539-542	IR	http://adsabs.harvard.edu/abs/1991Natur.353..539B	10.1038/353539a0
1991	Kim, S. J., Goorvitch, D., Drossart, P., Moorwood, A., Caldwell, J.	The 2-micron polar haze of Jupiter, Icarus, 91, 145-153	IR	http://adsabs.harvard.edu/abs/1991Icar...91..145K	10.1016/0019-1035(91)90133-E
1991	Kim, S., Drossard, P., Caldwell, J., Maillard, J-P., Herbst, T., Shure, M.	Images of aurorae on Jupiter from H3(+) emission at 4 microns, Nature, 353, 536-539	IR	http://adsabs.harvard.edu/abs/1991Natur.353..536K	10.1038/353536a0
1992	Billebaud, F., Drossart, P., Maillard, J.-P. Caldwell, J., Kim, S.	Spatial variation of 2 micron h3(+) emission in the southern auroral region of Jupiter, Icarus, 96, 2, 281-283	IR	http://adsabs.harvard.edu/abs/1992Icar...96..281B	10.1016/0019-1035(92)90080-Q
1992	Drossart, P., Prange, R., Maillard, J.-P.	Morphology of infrared H3(+) emissions in the aurorals regions of Jupiter, Icarus, 97, 1, 10-25	IR	http://adsabs.harvard.edu/abs/1992Icar...97...10D	10.1016/0019-1035(92)90054-B
1992	Kim, S. J., Caldwell, J., Herbst, T. M.	Locations of 4-micron spots on the poles of Jupiter, Icarus, 96, 143-148	IR	http://adsabs.harvard.edu/abs/1992Icar...96..143K	10.1016/0019-1035(92)90011-U
1992	Kim, Y., Fox, J., Porter, H.	Densities and vibrational distribution of H(3+) in the Jovian auroral ionosphere, JGR, 97, E4, 6093-6101	IR	http://adsabs.harvard.edu/abs/1992JGR....97.6093K	10.1029/92JE00454
1992	Trafton, L., Watson, J.	Occurrence of global-scale emissions on Jupiter - Proposed identification of Jovian dimer H2 emission, AJ, 385, 320-326	IR	http://adsabs.harvard.edu/abs/1992ApJ...385..320T	10.1086/170941
1993	Connerney, J. E. P., Baron, R., Satoh, T., Owen, T.	Images of Excited H_3^+ at the Foot of the Io Flue Tube in Jupiter's Atmosphere, Science, 262, 516, 1035-1038	IR	http://adsabs.harvard.edu/abs/1993Sci...262.1035C	10.1126/science.262.5136.1035
1993	Drossart, P., Bezard, B., Atreya, S. K., Bishop, J., Waite, J. H., Jr., Boice, D.	Thermal profiles in the auroral regions of Jupiter, JGR, 98, E10, 18803-18811	IR	http://adsabs.harvard.edu/abs/1993JGR....9818803D	10.1029/93JE01801
1993	Drossart, P., Maillard, J.-P., Caldwell, J., Rosenqvist, J.	Line-resolved spectroscopy of the Jovian H3(+) auroral emission at 3.5 micrometer, AJ, 402, 1, L25-L28	IR	http://adsabs.harvard.edu/abs/1993ApJ...402L..25D	10.1086/186691
1993	Kim, S. J., Glenar, D. A., Joyce, R. R., Kostiuk, T.	Spatial ad spectral characteristics of the near-infrared aurorae of Jupiter, Icarus, 102, 1, 99-106	IR	http://adsabs.harvard.edu/abs/1993Icar..102...99K	10.1006/icar.1993.1035
1993	Kostiuk, T., Romani, P., Espnak, F., Livengood, T. A.	Temperature and abundances in the Jovian auroral stratoshpere. 2: Ethylene as a probe of the microbar region, JGR, 98, E10, 18823-18830	IR	http://adsabs.harvard.edu/abs/1993JGR....9818823K	10.1029/93JE01332
1993	Livengood, T., Kostiuk, T., Espenak, F.	Temperature and abundances in the Jovian auroral stratoshpere. 1: Ethane as a probe of the millibar region, JGR, 98, E10, 18813-18822	IR	http://adsabs.harvard.edu/abs/1993JGR....9818813L	10.1029/93JE01043
1994	Kim, Y. H., Kim, S. J., Stuewe, J. A., Caldwell, J., Herbst, T. M.	Jovian auroral ovals inferred from infrared H3(+) images, Icarus, 112, 2, 326-336	IR	http://adsabs.harvard.edu/abs/1994Icar..112..326K	10.1006/icar.1994.1187
1994	Kostiuk, T.	Physics and chemistry of upper atmospheres of planets form infrared observations, IP&T, 35, 2-3, 243-266	IR	http://adsabs.harvard.edu/abs/1994InPhT..35..243K	10.1016/1350-4495(94)90084-1
1994	Ruiz, M., Rieke, G. H., Means, D., Frawley, P.	Near infrared spectroscopy of SL-9 impacts, EM&P, 66, 1, 91-97	IR	http://adsabs.harvard.edu/abs/1994EM%26P...66...91R	10.1007/BF00612889
1995	Kim, Y.-H., Kim, S. J.	Small H3+ Emission Patches in the Vicinity of Jupiter's Auroral Regions, JKAS, 28, 1, 89-95	IR	http://adsabs.harvard.edu/abs/1995JKAS...28...89K	
1995	Miller, S., Achilleos, N., Dinelli, B. M., Lam H. A., Tennyson, J., Jagod, M.-F., Geballe, T. R., Joseph, R. D., Ballester, G. E., Baines, K., Brooke, T. Y., Orton G.	The effect of the impact of comet Shoemaker Levy 9 on Jupiter's auroae, GRL, 22, 12, 1629-1632	IR	http://adsabs.harvard.edu/abs/1995GeoRL..22.1629M	10.1029/95GL00700

1995	Orton et al	Collision of Comet Shoemaker-Levy 9 with Jupiter Ovserved by the Nasa Infrared Telescope Facility, Science, 267, 5202, 1277-1282	IR	http://adsabs.harvard.edu/abs/1995Sci...267.1277O	10.1126/science.7871423
1996	Baron, R., T. Owen, J. E. P. Connerney, T. Satoh, and J. Harrington,	Solar wind control of Jupiter's H3+ aurorae, Icarus, 122, 24 - 35	IR		
1996	Connerney, J. E. P., T. Satoh, and R. Baron	Interpretation of auroral "Light Curves" with application to Jupiter's H3+ aurorae, Icarus, 122, 24 - 35	IR		
1996	Kim, S. J., Orton, G. S., Dumas, C., Kim, Y. H.	Infrared Spectroscopy of Jupiter's Atmosphere after the A and E Impacts of Comet Shoemaker-Levy 9, Icarus, 120, 2, 326-331	IR	http://adsabs.harvard.edu/abs/1996Icar..120..326K	10.1006/icar.1996.0053
1996	Kim, S.-J.,	The Infrared Aurorae of Jupiter, JKAS, 29, S347	IR	http://adsabs.harvard.edu/abs/1996JKASS..29..347K	
1996	Moreno, F.	The Structure of the Stratospheric Aerosol Layer in the Equatorial and South Polar Regions of Jupiter, Icarus, 124, 2, 632-644	IR	http://adsabs.harvard.edu/abs/1996Icar..124..632M	10.1006/icar.1996.0237
1996	Satoh, T., J. E. P. Connerney, and R. Baron,	Emission source model of Jupiter's H3+ aurorae: A Generalized inverse analysis of images, *Icarus, 122,* 1 - 23,	IR		
1997	Encrenaz, T., Fulchignoni, M.	The SL9-Jupiter collision. Proceedings. International Conference on the SL9-Jupiter Collision, Meudon (France), 3-5 Jul 1996, P.SS, 45, 10, 1177-1370	IR	http://adsabs.harvard.edu/abs/1997P%26SS..45.1177E	
1997	Lam, H., Achilleos, N., Miller, S., Tennyson, J., Trafton., L. M., Geballe, T. R., Ballester G. E.	A Baseline Spectroscopic Study of the Infrared Auroras of Jupiter, Icarus, 127, 2, 379-393	IR	http://adsabs.harvard.edu/abs/1997Icar..127..379L	10.1006/icar.1997.5698
1997	Miller, S., Achilleos, N., Ballester, G., Lam, H. A., Tennyson, J., Geballe, T., Traftron, L. M.	Mid-to-Low Latitude H(+3) Emission from Jupiter, Icarus, 130, 1, 57-67	IR	http://adsabs.harvard.edu/abs/1997Icar..130...57M	10.1006/icar.1997.5813
2000	Connerney, J. E. P., and T. Satoh	The H3+ ion: A remote diagnostic of the Jovian magnetosphere, *Phil. Trans. R. Soc. Lond. A, 358* , 2471 - 2483,	IR		
2000	Mai, H., Jockers, K.	Fabry-Perot Imaging of Jupiter's Aurora at 2.1 um, Icarus, 146, 2, 494-500	IR	http://adsabs.harvard.edu/abs/2000Icar..146..494M	10.1006/icar.2000.6402
2000	Miller, S., D. Rego, N. Achilleos, T.S. Stallard, R. Prange, M. Dougherty, R.D. Joseph, J. Tennysoni, A. Aylward, I. Meuller-Wodargland D. Rees	Infrared spectroscopic studies of the jovian ionosphere and aurorae, Adv. Space Res., 26, 1477-1488	IR		
2000	Miller, S., Rego, D., Achilleos, N., Stallard, T.S., Prange, R., Dougherty, M., Joseph, R.D., Tennyson, J., Aylward, A., Meuller-Wodarg, I., Rees, D.	Infrared Spectroscopic Studies of the Jovian Ionsophere and Aurorae, ASR, 26, 10, 1477-1488	IR	http://adsabs.harvard.edu/abs/2000AdSpR..26.1477M	10.1016/S0273-1177(00)00081-8
2000	Rego, D., Miller, S., Achilleos, N., Prange, R., Joseph, R.,	Latitudinal Profiles of the Jovian IR Emissions of H(3+) at 4 um with the NASA Infrared Telescope Facility: Energy Inputs and Thermal Balance, Icarus, 147, 2, 366-385	IR	http://adsabs.harvard.edu/abs/2000Icar..147..366R	10.1006/icar.2000.6444
2000	Wong, A-S., Lee, A., Yung, Y., Ajello, J.	Jupiter: Aerosol Chemistry in the Polar Atmosphere, AJ, 534, 2, L215-L217	IR	http://adsabs.harvard.edu/abs/2000ApJ...534L.215W	10.1086/312675
2001	Stallard, T., Miller, S., Millward, G., Joseph, R. D.	On the Dynamics of the Jovian Ionosphere and Thermosphere. I. The Measurement of Ion Winds, Icarus, 154, 2, 475-491	IR	http://adsabs.harvard.edu/abs/2001Icar..154..475S	10.1006/icar.2001.6681
2004	Raynaud, E., Lellouch, E., Maillard, J.-P., Gladstone, G. R., Waite, J. H., Bezard, B., Drossart, P., Fouchet, T.	Spectro-imaging observations of Jupiter's 2 micron auroral emission. I. H3(+) distribution and temperature, Icarus, 171, 1, 133-152	IR	http://adsabs.harvard.edu/abs/2004Icar..171..133R	10.1016/j.icarus.2004.04.020
2005	George, K., Chandrasekhar, T.	Infrared spectroscopy of Jovian aurorae, BASI, 33, 2, 233	IR	http://adsabs.harvard.edu/abs/2005BASI...33..233G	
2005	Majeed, T., Waite, J. H., Bougher, S. W., Gladstone, G. R.	Processes of equatorial thermal structure at Jupiter: An analysis of the Galileo temperature profile with a three-dimensional model, JGR, 110, E12, CiteID E12007	IR	http://adsabs.harvard.edu/abs/2005JGRE..11012007M	10.1029/2004JE002351
2005	Melin, Henrik, Steve Miller, Tom Stallard, Denis Grodent	Non-LTE effects on H+3 emission in the jovian upper atmosphere 3 emission in the jovian upper atmosphere, *Icarus 178,* 97–103	IR		10.1016/j.icarus.2005.04.016
2006	Lellouch, Emmanuel	Spectro-imaging observations of H3+ on Jupiter, RSoLTSA, 364, 1848, 3139-3146	IR	http://adsabs.harvard.edu/abs/2006RSPTA.364.3139L	10.1098/rsta.2006.1874
2006	Melin, Henrik, Steve Miller, Tom Stallard, Chris Smith, Denis Grodent	Estimated energy balance in the jovian upper atmosphere during an auroral heating event, *Icarus 181,* 256–265	IR		10.1016/j.icarus.2005.11.004
2007	Lystrup, M. B., S. Miller, T. Stallard, C. G. A. Smith, and A. Aylward	Variability of Jovian ion winds: an upper limit for enhanced Joule heating, Ann. Geophys., 25, 847–853	IR		
2008	Lystrup, M. B., S. Miller, N.D. Russo, R.J. Vervack, T. Stallard	First vertical ion density profile in Jupiter's auroral atmosphere: Direct observations using the Keck II Telescope, *Ap. J., 677,* 790-797	IR		

2008	Stallard, T., Lystrup, M., Miller, S.	Emission-Line Imaging of Saturn's H3(+) Aurora, AJL, 675, 2 article id L117	IR	http://adsabs.harvard.edu/abs/2008ApJ...675L.117S	10.1086/533584
2009	Adriani, A. et al	JIRAM, The Image Spectrometer in the Near Infrared on Board the Juno Mission to Jupiter, Astrobiology, 8, 3, 613-622	IR	http://adsabs.harvard.edu/abs/2008AsBio...8..613A	10.1089/ast.2007.0167
2011	Barthelemy, M., M. B. Lystrup, H. Menager, S. Miller, and J. Lilensten	Is the Jovian auroral H3+ emission polarised? *A&A 530,* A139	IR		10.1051/0004-6361/201014314
2011	Chaufray, J.-Y., T.K. Greathouse , G.R. Gladstone , J.H. Waite Jr., J.-P. Maillard , T. Majeed S.W. Bougher c, E. Lellouch e, P. Drossart	Spectro-imaging observations of Jupiter's 2 micron auroral emission. II: Thermospheric winds, Icarus 211	IR		10.1016/j.icarus.2010.11.021
2011	Tao, C., Badman, S. V., Fujimoto, M.	UV and IR auroral emission model for the outer planets: Jupiter and Saturn comparison, Icarus, 213, 2, 581-592	UV IR	http://adsabs.harvard.edu/abs/2011Icar..213..581T	10.1016/j.icarus.2011.04.001
2011	Trafton, L. M., Miller, S., Lacy, J. H. Greathouse, T. K.	Search for mid-IR otational and v1->v2 difference band h3+ emission in Jupiter's northern aurora, Icarus, 203, 1, 189-197	IR	http://adsabs.harvard.edu/abs/2009Icar..203..189T	10.1016/j.icarus.2009.04.010
2012	Tao, C., Badman, S. V., Uno, T., Fujimoto, M.	On the feasibility of characterizing jovian auaoral electrons via h3+ infrared line-emission analysis, Icarus, 221, 1, 236-247	IR	http://adsabs.harvard.edu/abs/2012Icar..221..236T	10.1016/j.icarus.2012.07.015
2013	Radioti et al.	Jupiter's aurora in ultraviolet and infrared: Simultaneous observations with the Hubble Space Telescope and the NASA Infrared Telescope Facility, JGR, 118, 5, 2286-2295	UV IR	http://adsabs.harvard.edu/abs/2013JGRA..118.2286R	10.1002/jgra.50245
2014	Adriani, A. et al	JIRAM, the Jovian Infrared Auroral Mapper, SSR, Online First	IR	http://adsabs.harvard.edu/abs/2014SSRv..tmp...63A	10.1007/s11214-014-0094-y
2014	Uno, T., Kasaba, Y., Tao, C., Sakanoi, T., Kagitani, M., Fujisawa, S., Kita, H., Badman, S. V.	Vertical emissivity profiles of Jupiter's Norther H3(+) and H2 infrared auroras observed by Subaru/IRCS, JGR, 119, 12, 10219-10241	IR	http://adsabs.harvard.edu/abs/2014JGRA..119910219U	10.1002/2014JA020454
2016	Adriani, A., Moriconi, M. L., Mura, A., Tosi, F., Sindoni, G., Noschese, R., Cicchetti, A., Filacchione, G.	Juno's Earth flyby: the Jovian infrared Auroral Mapper preliminary results, A&SS, 361, 8, article id.272	IR	http://adsabs.harvard.edu/abs/2016Ap%26SS.361..272A	10.1007/s10509-016-2842-9
2016	Stallard et al.	Stability within Jupiter's polar auroral 'Swirl region' over moderate timescales	IR	http://www.sciencedirect.com/science/article/pii/S0019103515006107	