T K Greathouse

List of Publications by Year
in descending order

162	4,456	109321	128289
papers	citations	35 h-index	60 g-index

169	169	169	3008
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	LRO-LAMP Observations of the Preperihelion Coma of Comet C/2013 A1 (Siding Spring). Planetary Science Journal, 2022, 3, 12.	3.6	0
2	A Comprehensive Set of Juno In Situ and Remote Sensing Observations of the Ganymede Auroral Footprint. Geophysical Research Letters, 2022, 49, .	4.0	8
3	Subseasonal Variation in Neptuneâ€™s Mid-infrared Emission. Planetary Science Journal, 2022, 3, 78.	3.6	9
4	Fluctuations in Jupiterâ€™s equatorial stratospheric oscillation. Nature Astronomy, 2021, 5, 71-77.	10.1	17
5	Morphology of Jupiter's Polar Auroral Bright Spot Emissions via Junoâ€UVS Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028586.	2.4	5
6	Are Dawn Storms Jupiter's Auroral Substorms?. AGU Advances, 2021, 2, e2020AV000275.	5.4	25
7	Detection of a Bolide in Jupiter's Atmosphere With Juno UVS. Geophysical Research Letters, 2021, 48, e2020GL091797.	4.0	9
8	Variability and Hemispheric Symmetry of the Pedersen Conductance in the Jovian Aurora. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028949.	2.4	1
9	First direct measurement of auroral and equatorial jets in the stratosphere of Jupiter. Astronomy and Astrophysics, 2021, 647, L8.	5.1	16
10	Detection and Characterization of Circular Expanding UVâ€Emissions Observed in Jupiter's Polar Auroral Regions. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028971.	2.4	4
11	Multifrequency high spectral resolution observations of HCN toward the circumstellar envelope of Y Canum Venaticorum. Astronomy and Astrophysics, 2021, 651, A8.	5.1	7
12	Meridional Variations of C₂H₂ in Jupiter's Stratosphere From Juno UVS Observations. Journal of Geophysical Research E: Planets, 2021, 126, e2021JE006928.	3.6	5
13	Mapping the zonal winds of Jupiterâ€™s stratospheric equatorial oscillation. Astronomy and Astrophysics, 2021, 652, A125.	5.1	4
14	Quantification of Diffuse Auroral Electron Precipitation Driven by Whistler Mode Waves at Jupiter. Geophysical Research Letters, 2021, 48, e2021GL095457.	4.0	12
15	Lunar Surface Composition Constraints from Maturity-corrected Far-ultraviolet Reflectance Maps. Planetary Science Journal, 2021, 2, 189.	3.6	3
16	Refining Saturnâ€™s deuterium-hydrogen ratio via IRTF/TEXES spectroscopy. Astronomy and Astrophysics, 2021, 653, A66.	5.1	1
17	LRO/LAMP observations of the lunar helium exosphere: constraints on thermal accommodation and outgassing rate. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4438-4451.	4.4	5
18	Simultaneous UV Images and Highâ€Latitude Particle and Field Measurements During an Auroral Dawn Storm at Jupiter. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029679.	2.4	3

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19	Local Time Dependence of Jupiter's Polar Auroral Emissions Observed by Juno UVS. Journal of Geophysical Research E: Planets, 2021, 126, e2021JE006954.	3.6	9
20	Ionized gas in the NGCÂ5253 supernebula: high spatial and spectral resolution observations with the JVLA and TEXES. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1675-1683.	4.4	1
21	Possible Transient Luminous Events Observed in Jupiter's Upper Atmosphere. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006659.	3.6	13
22	Spatial Distribution of the Pedersen Conductance in the Jovian Aurora From Junoâ€ŁUVS Spectral Images. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028142.	2.4	19
23	Jupiter's Equatorial Plumes and Hot Spots: Spectral Mapping from Gemini/TEXES and Juno/MWR. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006399.	3.6	13
24	First Report of Electron Measurements During a Europa Footprint Tail Crossing by Juno. Geophysical Research Letters, 2020, 47, e2020GL089732.	4.0	17
25	Farâ€ŁUV Observations of Lunar Rayed Craters with LROâ€ŁAMP. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006269.	3.6	3
26	New Horizons Observations of an Ultraviolet Stellar Occultation and Appulse by Plutoâ€™s Atmosphere. Astronomical Journal, 2020, 159, 26.	4.7	3
27	Vertically-resolved observations of Jupiterâ€™s quasi-quadrennial oscillation from 2012 to 2019. Icarus, 2020, 350, 113905.	2.5	14
28	Energy Flux and Characteristic Energy of Electrons Over Jupiter's Main Auroral Emission. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027693.	2.4	37
29	AlfvÃ©nic Acceleration Sustains Ganymede's Footprint Tail Aurora. Geophysical Research Letters, 2020, 47, e2019GL086527.	4.0	25
30	Energetic Proton Acceleration Associated With Io's Footprint Tail. Geophysical Research Letters, 2020, 47, e2020GL090839.	4.0	16
31	Pluto's Ultraviolet Spectrum, Surface Reflectance, and Airglow Emissions. Astronomical Journal, 2020, 159, 274.	4.7	12
32	The Effects of Waves on the Meridional Thermal Structure of Jupiterâ€™s Stratosphere. Planetary Science Journal, 2020, 1, 63.	3.6	5
33	Spatial Variations in the Altitude of the CH₄ Homopause at Jupiterâ€™s Mid-to-high Latitudes, as Constrained from IRTF-TEXES Spectra. Planetary Science Journal, 2020, 1, 85.	3.6	9
34	Temporal variation of the 3-micron hydrocarbon emissions at the 8-micron north polar hot spot of Jupiter: Comparison with solar wind activity. Icarus, 2020, 348, 113852.	2.5	4
35	Detection of Propadiene on Titan. Astrophysical Journal Letters, 2019, 881, L33.	8.3	21
36	Jovian Injections Observed at High Latitude. Geophysical Research Letters, 2019, 46, 9397-9404.	4.0	17

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37	Birkeland currents in Jupiterâ€™s magnetosphere observed by the polar-orbiting Juno spacecraft. Nature Astronomy, 2019, 3, 904-909.	10.1	40
38	Junoâ€UVS Observation of the Io Footprint During Solar Eclipse. Journal of Geophysical Research: Space Physics, 2019, 124, 5184-5199.	2.4	19
39	A Method to Retrieve the Total Flux at Lyman-Alpha in Micro-Channel-Plate Detectors Affected by Gain Sag: Application to the LAMP UV Imaging Spectrograph Onboard the Lunar Reconnaissance Orbiter. Journal of Astronomical Instrumentation, 2019, 08, .	1.5	4
40	Jupiter's auroral-related stratospheric heating and chemistry III: Abundances of C2H4, CH3C2H, C4H2 and C6H6 from Voyager-IRIS and Cassini-CIRS. Icarus, 2019, 328, 176-193.	2.5	18
41	An Examination of Several Discrete Lunar Nearside Photometric Anomalies Observed in Lymanâ€Î± Maps. Journal of Geophysical Research E: Planets, 2019, 124, 294-315.	3.6	5
42	Effects of Space Weathering and Porosity on the Farâ€UV Reflectance of Amundsen Crater. Journal of Geophysical Research E: Planets, 2019, 124, 823-836.	3.6	16
43	Probing Jovian Broadband Kilometric Radio Sources Tied to the Ultraviolet Main Auroral Oval With Juno. Geophysical Research Letters, 2019, 46, 571-579.	4.0	10
44	A brightening of Jupiterâ€™s auroral 7.8-Î¼m CH4 emission during a solar-wind compression. Nature Astronomy, 2019, 3, 607-613.	10.1	17
45	In-flight Characterization and Calibration of the Juno-ultraviolet Spectrograph (Juno-UVS). Astronomical Journal, 2019, 157, 90.	4.7	18
46	Contemporaneous Observations of Jovian Energetic Auroral Electrons and Ultraviolet Emissions by the Juno Spacecraft. Journal of Geophysical Research: Space Physics, 2019, 124, 8298-8317.	2.4	22
47	Jupiterâ€™s Atmospheric Variability from Long-term Ground-based Observations at 5 Î¼m. Astronomical Journal, 2019, 158, 130.	4.7	17
48	Comparing Electron Energetics and UV Brightness in Jupiter's Northern Polar Region During Juno Perijove 5. Geophysical Research Letters, 2019, 46, 19-27.	4.0	18
49	Planning operations in Jupiterâ€™s high-radiation environment: optimization strategies from Juno-ultraviolet spectrograph. Journal of Astronomical Telescopes, Instruments, and Systems, 2019, 5, 1.	1.8	4
50	Seasonal stratospheric photochemistry on Uranus and Neptune. Icarus, 2018, 307, 124-145.	2.5	40
51	Assessing the long-term variability of acetylene and ethane in the stratosphere of Jupiter. Icarus, 2018, 305, 301-313.	2.5	20
52	Jupiter's Aurora Observed With HST During Juno Orbits 3 to 7. Journal of Geophysical Research: Space Physics, 2018, 123, 3299-3319.	2.4	53
53	Jupiterâ€™s auroral-related stratospheric heating and chemistry II: Analysis of IRTF-TEXES spectra measured in December 2014. Icarus, 2018, 300, 305-326.	2.5	21
54	Bar Code Events in the Junoâ€UVS Data: Signature â¼10ÂMeV Electron Microbursts at Jupiter. Geophysical Research Letters, 2018, 45, 12,108.	4.0	14

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55	Saturnâ€™s Seasonally Changing Atmosphere. , 2018, , 251-294.		6
56	The Future Exploration of Saturn. , 2018, , 417-441.		0
57	Circumstellar ammonia in oxygen-rich evolved stars. Astronomy and Astrophysics, 2018, 612, A48.	5.1	14
58	LRO/LAMP study of the interstellar medium via the HeI 58.4 nm resonance line. Astronomy and Astrophysics, 2018, 616, A159.	5.1	2
59	The Far Ultraviolet Wavelength Dependence of the Lunar Phase Curve as Seen by LRO LAMP. Journal of Geophysical Research E: Planets, 2018, 123, 2550-2563.	3.6	11
60	Concurrent ultraviolet and infrared observations of the north Jovian aurora during Juno's first perijove. Icarus, 2018, 312, 145-156.	2.5	18
61	Farâ€Ultraviolet Photometric Response of Apollo Soil 10084. Journal of Geophysical Research E: Planets, 2018, 123, 1221-1229.	3.6	6
62	Juno observations of spot structures and a split tail in Io-induced aurorae on Jupiter. Science, 2018, 361, 774-777.	12.6	53
63	The Lymanâ€Î± Sky Background as Observed by New Horizons. Geophysical Research Letters, 2018, 45, 8022-8028.	4.0	19
64	Mapping of Jupiterâ€™s tropospheric NH 3 abundance using ground-based IRTF/TEXES observations at 5â€¯Âµm. Icarus, 2018, 314, 106-120.	2.5	8
65	In-flight characterization and calibration of the Juno-Ultraviolet Spectrograph (Juno-UVS). , 2018, , .		2
66	Planning operations in Jupiter's high-radiation environment: optimization strategies from Juno-UVS. , 2018, , .		6
67	Stray and scattered light properties of the Juno ultraviolet spectrograph. , 2018, , .		0
68	MICHI: a thermal-infrared instrument for the TMT. , 2018, , .		2
69	Contributions of solar wind and micrometeoroids to molecular hydrogen in the lunar exosphere. Icarus, 2017, 283, 31-37.	2.5	30
70	SOFIA-EXES Mid-IR Observations of Emission from the Extended Atmosphere of Betelgeuse. Astrophysical Journal, 2017, 836, 22.	4.5	11
71	Jupiterâ€™s interior and deep atmosphere: The initial pole-to-pole passes with the Juno spacecraft. Science, 2017, 356, 821-825.	12.6	229
72	Jupiter's North Equatorial Belt expansion and thermal wave activity ahead of Juno's arrival. Geophysical Research Letters, 2017, 44, 7140-7148.	4.0	21

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73	Morphology of the UV aurorae Jupiter during Juno's first perijove observations. Geophysical Research Letters, 2017, 44, 4463-4471.	4.0	54
74	Junoâ€UVS approach observations of Jupiter's auroras. Geophysical Research Letters, 2017, 44, 7668-7675.	4.0	25
75	Independent evolution of stratospheric temperatures in Jupiter's northern and southern auroral regions from 2014 to 2016. Geophysical Research Letters, 2017, 44, 5345-5354.	4.0	12
76	Jupiterâ€™s auroral-related stratospheric heating and chemistry I: Analysis of Voyager-IRIS and Cassini-CIRS spectra. Icarus, 2017, 292, 182-207.	2.5	22
77	Temperatures and CH4 mixing ratios near the homopause of the 8 Âµm north polar hot spot of Jupiter. Icarus, 2017, 281, 281-285.	2.5	5
78	The Ultraviolet Spectrograph on NASAâ€™s Juno Mission. Space Science Reviews, 2017, 213, 447-473.	8.1	109
79	New Observations and Modeling of Jupiter's Quasiâ€Quadrennial Oscillation. Journal of Geophysical Research E: Planets, 2017, 122, 2719-2744.	3.6	30
80	LRO-LAMP failsafe door-open performance: improving FUV measurements of dayside lunar hydration. , 2017, , .		3
81	THE ROLE OF NITROGEN IN TITANâ€™S UPPER ATMOSPHERIC HYDROCARBON CHEMISTRY OVER THE SOLAR CYCLE. Astrophysical Journal, 2016, 823, 163.	4.5	6
82	Stratospheric aftermath of the 2010 Storm on Saturn as observed by the TEXES instrument. I. Temperature structure. Icarus, 2016, 277, 196-214.	2.5	12
83	LRO-LAMP detection of geologically young craters within lunar permanently shaded regions. Icarus, 2016, 273, 114-120.	2.5	15
84	The formation of Charonâ€™s red poles from seasonally cold-trapped volatiles. Nature, 2016, 539, 65-68.	27.8	44
85	MeV-level electron and gamma ray sensitivites of modern far ultraviolet sensitive microchannel plate detectors. Proceedings of SPIE, 2016, , .	0.8	6
86	2D photochemical modeling of Saturnâ€™s stratosphere. Part II: Feedback between composition and temperature. Icarus, 2016, 267, 334-343.	2.5	14
87	Lunar exospheric helium observations of LRO/LAMP coordinated with ARTEMIS. Icarus, 2016, 273, 36-44.	2.5	17
88	Mid-infrared mapping of Jupiterâ€™s temperatures, aerosol opacity and chemical distributions with IRTF/TEXES. Icarus, 2016, 278, 128-161.	2.5	89
89	The atmosphere of Pluto as observed by New Horizons. Science, 2016, 351, aad8866.	12.6	201
90	Plutoâ€™s interaction with its space environment: Solar wind, energetic particles, and dust. Science, 2016, 351, aad9045.	12.6	60

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91	Lunar swirls: Far-UV characteristics. Icarus, 2016, 273, 68-74.	2.5	29
92	Understanding temporal and spatial variability of the lunar helium atmosphere using simultaneous observations from LRO, LADEE, and ARTEMIS. Icarus, 2016, 273, 45-52.	2.5	25
93	Systematic trend of water vapour absorption in red giant atmospheres revealed by high resolution TEXES 12â€‰Î¼m spectra. Astronomy and Astrophysics, 2015, 573, A28.	5.1	7
94	IONIZED GAS KINEMATICS AT HIGH RESOLUTION. V. [Ne ii], MULTIPLE CLUSTERS, HIGH EFFICIENCY STAR FORMATION, AND BLUE FLOWS IN HE 2â€“10. Astrophysical Journal, 2015, 814, 16.	4.5	5
95	EFFECTS OF NITROGEN PHOTOABSORPTION CROSS SECTION RESOLUTION ON MINOR SPECIES VERTICAL PROFILES IN TITANâ€™S UPPER ATMOSPHERE. Astrophysical Journal Letters, 2015, 801, L14.	8.3	9
96	2D photochemical modeling of Saturnâ€™s stratosphere. Part I: Seasonal variation of atmospheric composition without meridional transport. Icarus, 2015, 257, 163-184.	2.5	20
97	Enhancing the far-ultraviolet sensitivity of silicon complementary metal oxide semiconductor imaging arrays. Journal of Astronomical Telescopes, Instruments, and Systems, 2015, 1, 046001.	1.8	0
98	Solar glint suppression in compact planetary ultraviolet spectrographs. Proceedings of SPIE, 2015, , .	0.8	1
99	Lunar exospheric argon modeling. Icarus, 2015, 255, 135-147.	2.5	28
100	The Pluto system: Initial results from its exploration by New Horizons. Science, 2015, 350, aad1815.	12.6	407
101	Uncertainty for calculating transport on Titan: A probabilistic description of bimolecular diffusion parameters. Planetary and Space Science, 2015, 117, 377-384.	1.7	2
102	IONIZED GAS KINEMATICS AT HIGH RESOLUTION. IV. STAR FORMATION AND A ROTATING CORE IN THE MEDUSA (NGC 4194). Astrophysical Journal, 2014, 787, 85.	4.5	4
103	Upper limits for a lunar dust exosphere from far-ultraviolet spectroscopy by LRO/LAMP. Icarus, 2014, 233, 106-113.	2.5	50
104	From Voyager-IRIS to Cassini-CIRS: Interannual variability in Saturnâ€™s stratosphere?. Icarus, 2014, 233, 281-292.	2.5	20
105	ratio of nitrogen on Jupiter and Saturn from the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si70.gif" overflow="scroll"><mml:mrow><mml:msup><mml:mrow /><mml:mrow><mml:mn>15</mml:mn></mml:mrow></mml:msup></mml:mrow></mml:math>N/<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si71.gif" overflow="scroll"><mml:mrow><mml:msup><mml:mrow /><mml:mrow><mml:mn>14</mml:mn></mml:mrow></mml:msup></mml:mrow></mml:math>	2.5	44
106	Improved ground calibration results from Southwest Research Institute Ultraviolet Radiometric Calibration Facility (UV-RCF). Proceedings of SPIE, 2014, , .	0.8	4
107	The Ultraviolet Spectrograph on NASAâ€™s Juno Mission. , 2014, , 325-351.		2
108	Ioâ€™s contracting atmosphere post 2011 perihelion: Further evidence for partial sublimation support on the anti-Jupiter hemisphere. Icarus, 2013, 226, 1177-1181.	2.5	9

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109	Seasonal variations of temperature, acetylene and ethane in Saturnâ€™s atmosphere from 2005 to 2010, as observed by Cassini-CIRS. Icarus, 2013, 225, 257-271.	2.5	36
110	IONIZED GAS KINEMATICS AT HIGH RESOLUTION. II. DISCOVERY OF A DOUBLE INFRARED CLUSTER IN II Zw 40. Astrophysical Journal, 2013, 767, 53.	4.5	7
111	An improved wide-field camera for imaging Earth's plasmasphere at 30.4 nm. Proceedings of SPIE, 2013, , .	0.8	7
112	Performance results from in-flight commissioning of the Juno Ultraviolet Spectrograph (Juno-UVS). Proceedings of SPIE, 2013, , .	0.8	22
113	Spatial distribution of water in the stratosphere of Jupiter fromHerschelHIFI and PACS observations. Astronomy and Astrophysics, 2013, 553, A21.	5.1	32
114	Radiometric calibration of the SWRI ultraviolet reflectance chamber (SwURC) far-ultraviolet reflectometer. , 2013, , .		1
115	The lunar farâ€UV albedo: Indicator of hydration and weathering. Journal of Geophysical Research, 2012, 117, .	3.3	66
116	Modeling of the vapor release from the LCROSS impact: 2. Observations from LAMP. Journal of Geophysical Research, 2012, 117, .	3.3	23
117	Farâ€ultraviolet reflectance properties of the Moon's permanently shadowed regions. Journal of Geophysical Research, 2012, 117, .	3.3	115
118	Far ultraviolet sensitivity of silicon CMOS sensors. Proceedings of SPIE, 2012, , .	0.8	3
119	Ioâ€™s atmosphere: Constraints on sublimation support from density variations on seasonal timescales using NASA IRTF/TEXES observations from 2001 to 2010. Icarus, 2012, 217, 277-296.	2.5	34
120	Hydrogen peroxide on Mars: Observations, interpretation and future plans. Planetary and Space Science, 2012, 68, 3-17.	1.7	72
121	Radiometric performance results of the Juno ultraviolet spectrograph (Juno-UVS). Proceedings of SPIE, 2011, , .	0.8	9
122	Commissioning and in-flight calibration results of the Lunar Reconnaissance Orbiter's Lyman Alpha Mapping Project (LRO/LAMP) UV imaging spectrograph. Proceedings of SPIE, 2011, , .	0.8	3
123	A spatially resolved high spectral resolution study of Neptuneâ€™s stratosphere. Icarus, 2011, 214, 606-621.	2.5	41
124	Spectro-imaging observations of Jupiterâ€™s 2Î¼m auroral emission. II: Thermospheric winds. Icarus, 2011, 211, 1233-1241.	2.5	18
125	Seasonal change on Saturn from Cassini/CIRS observations, 2004â€“2009. Icarus, 2010, 208, 337-352.	2.5	63
126	New Horizons Alice ultraviolet observations of a stellar occultation by Jupiterâ€™s atmosphere. Icarus, 2010, 208, 293-305.	2.5	20

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127	LAMP: The Lyman Alpha Mapping Project on NASAâ€™s Lunar Reconnaissance Orbiter Mission. Space Science Reviews, 2010, 150, 161-181.	8.1	83
128	LRO-LAMP Observations of the LCROSS Impact Plume. Science, 2010, 330, 472-476.	12.6	141
129	TEXES OBSERVATIONS OF M SUPERGIANTS: DYNAMICS AND THERMODYNAMICS OF WIND ACCELERATION. Astrophysical Journal, 2009, 701, 1464-1483.	4.5	24
130	Search for mid-IR rotational and Î½1a†'Î½2 difference band <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si27.gif" overflow="scroll"><mml:mrow><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">H</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow><mml:mrow><mml:mo>+</mml:mo> emission in Jupiterâ€™s northern aurora. Icarus, 2009, 203, 189-197.	2.5	1
131	Radiometric performance results of the Lunar Reconnaissance Orbiter's Lyman Alpha Mapping Project (LRO/LAMP) UV imaging spectrograph. , 2009, , .		0
132	SwRI's Alice line of ultraviolet spectrographs. , 2009, , .		2
133	LAMP: The Lyman Alpha Mapping Project on NASAâ€™s Lunar Reconnaissance Orbiter Mission. , 2009, , 161-181.		1
134	Simultaneous mapping of H2O and H2O2 on Mars from infrared high-resolution imaging spectroscopy. Icarus, 2008, 195, 547-556.	2.5	42
135	The TEXES Survey for H₂Emission from Protoplanetary Disks. Astrophysical Journal, 2008, 688, 1326-1344.	4.5	41
136	[Ne<scp>ii</scp>] Observations of Gas Motions in Compact and Ultracompact H<scp>ii</scp>Regions. Astrophysical Journal, Supplement Series, 2008, 177, 584-612.	7.7	24
137	TEXES Observations of Pure Rotational H 2 Emission from AB Aurigae. Astrophysical Journal, 2007, 661, L69-L72.	4.5	27
138	W51 IRS 2: A Massive Jet Emerging from a Molecular Cloud into an H ii Region. Astrophysical Journal, 2007, 658, L45-L49.	4.5	19
139	Development and future use of the echelon-cross-echelle spectrograph on SOFIA. , 2006, 6269, 503.		6
140	TEXES on Gemini. , 2006, 6269, 1491.		0
141	The first detection of propane on Saturn. Icarus, 2006, 181, 266-271.	2.5	34
142	Water Vapor on Betelgeuse as Revealed by TEXES Highâ€Resolution 12 Î¼m Spectra. Astrophysical Journal, 2006, 637, 1040-1055.	4.5	31
143	Observations of Titan's Mesosphere. Astrophysical Journal, 2005, 629, L57-L60.	4.5	6
144	Mass Flows in Cometary Ultracompact HiiRegions. Astrophysical Journal, 2005, 631, 381-398.	4.5	15

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145	Measurements of CH 3 D and CH 4 in Titan from Infrared Spectroscopy. Astrophysical Journal, 2005, 629, L53-L56.	4.5	54
146	Mid-infrared detection of large longitudinal asymmetries in Io's SO atmosphere. Icarus, 2005, 176, 283-304.	2.5	65
147	Infrared imaging spectroscopy of Mars: H2O mapping and determination of CO2 isotopic ratios. Icarus, 2005, 179, 43-54.	2.5	42
148	Meridional variations of temperature, C2H2 and C2H6 abundances in Saturn's stratosphere at southern summer solstice. Icarus, 2005, 177, 18-31.	2.5	53
149	Latitudinal and seasonal models of stratospheric photochemistry on Saturn: Comparison with infrared data from IRTF/TEXES. Journal of Geophysical Research, 2005, 110, .	3.3	51
150	Meridional transport of HCN from SL9 impacts on Jupiter. Icarus, 2004, 170, 58-69.	2.5	23
151	Hydrogen peroxide on Mars: evidence for spatial and seasonal variations. Icarus, 2004, 170, 424-429.	2.5	177
152	Propane on Titan. Astrophysical Journal, 2003, 597, L65-L68.	4.5	40
153	High-resolution mid-infrared spectroscopy from SOFIA using EXES. , 2003, , .		8
154	The L band high speed guide camera with nanomesh resonant dichroic. , 2003, , .		0
155	TEXES: sensitive and versatile spectrograph for mid-infrared astronomy. , 2003, 4841, 1572.		7
156	TEXES: A Sensitive Highâ€Resolution Grating Spectrograph for the Midâ€Infrared. Publications of the Astronomical Society of the Pacific, 2002, 114, 153-168.	3.1	206
157	EXES: a progress report on the development of a high-resolution mid-infrared grating spectrograph for SOFIA. , 2000, 4014, 54.		1
158	Thermal Infrared Imaging Spectroscopy of Shoemakerâ€“Levy 9 Impact Sites: Temperature and HCN Retrievalsâ˜†. Icarus, 1997, 125, 94-120.	2.5	36
159	Thermal Infrared Imaging Spectroscopy of Shoemakerâ€“Levy 9 Impact Sites: Spatial and Vertical Distributions of NH3, C2H4, and 10-Î¼m Dust Emission. Icarus, 1997, 128, 275-293.	2.5	66
160	H2 Mid-IR Pure Rotational Emission from Young Stars: The TEXES/IRTF Survey. , 0, , 197-202.		0
161	High Resolution Mid-Infrared Spectroscopy of Star and Planet Forming Regions with TEXES. Globular Clusters - Guides To Galaxies, 0, , 50-56.	0.1	0
162	R=100,000 Mid-IR Spectroscopy of UCHII Regions: High Resolution Is Worth It!. , 0, , 162-167.		0