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	The Pluto system: Initial results from its exploration by New Horizons. Science, 2015, 350, aad1815.	12.6	407
2	Jupiterâ€™s interior and deep atmosphere: The initial pole-to-pole passes with the Juno spacecraft. Science, 2017, 356, 821-825.	12.6	229
3	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
4	The atmosphere of Pluto as observed by New Horizons. Science, 2016, 351, aad8866.	12.6	201
5	Hydrogen peroxide on Mars: evidence for spatial and seasonal variations. Icarus, 2004, 170, 424-429.	2.5	177
6	LRO-LAMP Observations of the LCROSS Impact Plume. Science, 2010, 330, 472-476.	12.6	141
7	Farâ€ultraviolet reflectance properties of the Moon's permanently shadowed regions. Journal of Geophysical Research, 2012, 117, .	3.3	115
8	The Ultraviolet Spectrograph on NASAâ€™s Juno Mission. Space Science Reviews, 2017, 213, 447-473.	8.1	109
9	Mid-infrared mapping of Jupiterâ€™s temperatures, aerosol opacity and chemical distributions with IRTF/TEXES. Icarus, 2016, 278, 128-161.	2.5	89
10	LAMP: The Lyman Alpha Mapping Project on NASAâ€™s Lunar Reconnaissance Orbiter Mission. Space Science Reviews, 2010, 150, 161-181.	8.1	83
11	Hydrogen peroxide on Mars: Observations, interpretation and future plans. Planetary and Space Science, 2012, 68, 3-17.	1.7	72
12	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
13	The lunar farâ€UV albedo: Indicator of hydration and weathering. Journal of Geophysical Research, 2012, 117, .	3.3	66
14	Mid-infrared detection of large longitudinal asymmetries in Io's SO atmosphere. Icarus, 2005, 176, 283-304.	2.5	65
15	Seasonal change on Saturn from Cassini/CIRS observations, 2004â€“2009. Icarus, 2010, 208, 337-352.	2.5	63
16	Plutoâ€™s interaction with its space environment: Solar wind, energetic particles, and dust. Science, 2016, 351, aad9045.	12.6	60
17	Measurements of CH 3 D and CH 4 in Titan from Infrared Spectroscopy. Astrophysical Journal, 2005, 629, L53-L56.	4.5	54
18	Morphology of the UV aurorae Jupiter during Juno's first perijove observations. Geophysical Research Letters, 2017, 44, 4463-4471.	4.0	54

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19	Meridional variations of temperature, C2H2 and C2H6 abundances in Saturn's stratosphere at southern summer solstice. Icarus, 2005, 177, 18-31.	2.5	53
20	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
21	Juno observations of spot structures and a split tail in Io-induced aurorae on Jupiter. Science, 2018, 361, 774-777.	12.6	53
22	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
23	Upper limits for a lunar dust exosphere from far-ultraviolet spectroscopy by LRO/LAMP. Icarus, 2014, 233, 106-113.	2.5	50
24	The origin 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:	2.5	44
25	The formation of Charonâ€™s red poles from seasonally cold-trapped volatiles. Nature, 2016, 539, 65-68.	27.8	44
26	Infrared imaging spectroscopy of Mars: H2O mapping and determination of CO2 isotopic ratios. Icarus, 2005, 179, 43-54.	2.5	42
27	Simultaneous mapping of H2O and H2O2 on Mars from infrared high-resolution imaging spectroscopy. Icarus, 2008, 195, 547-556.	2.5	42
28	The TEXES Survey for H₂Emission from Protoplanetary Disks. Astrophysical Journal, 2008, 688, 1326-1344.	4.5	41
29	A spatially resolved high spectral resolution study of Neptuneâ€™s stratosphere. Icarus, 2011, 214, 606-621.	2.5	41
30	Propane on Titan. Astrophysical Journal, 2003, 597, L65-L68.	4.5	40
31	Seasonal stratospheric photochemistry on Uranus and Neptune. Icarus, 2018, 307, 124-145.	2.5	40
32	Birkeland currents in Jupiterâ€™s magnetosphere observed by the polar-orbiting Juno spacecraft. Nature Astronomy, 2019, 3, 904-909.	10.1	40
33	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
34	Thermal Infrared Imaging Spectroscopy of Shoemakerâ€“Levy 9 Impact Sites: Temperature and HCN Retrievalsâ˜†. Icarus, 1997, 125, 94-120.	2.5	36
35	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
36	The first detection of propane on Saturn. Icarus, 2006, 181, 266-271.	2.5	34

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37	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
38	Spatial distribution of water in the stratosphere of Jupiter fromHerschelHIFI and PACS observations. Astronomy and Astrophysics, 2013, 553, A21.	5.1	32
39	Water Vapor on Betelgeuse as Revealed by TEXES Highâ€Resolution 12 Î¼m Spectra. Astrophysical Journal, 2006, 637, 1040-1055.	4.5	31
40	Contributions of solar wind and micrometeoroids to molecular hydrogen in the lunar exosphere. Icarus, 2017, 283, 31-37.	2.5	30
41	New Observations and Modeling of Jupiter's Quasiâ€Quadrennial Oscillation. Journal of Geophysical Research E: Planets, 2017, 122, 2719-2744.	3.6	30
42	Lunar swirls: Far-UV characteristics. Icarus, 2016, 273, 68-74.	2.5	29
43	Lunar exospheric argon modeling. Icarus, 2015, 255, 135-147.	2.5	28
44	TEXES Observations of Pure Rotational H 2 Emission from AB Aurigae. Astrophysical Journal, 2007, 661, L69-L72.	4.5	27
45	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
46	Junoâ€UVS approach observations of Jupiter's auroras. Geophysical Research Letters, 2017, 44, 7668-7675.	4.0	25
47	AlfvÃ©nic Acceleration Sustains Ganymede's Footprint Tail Aurora. Geophysical Research Letters, 2020, 47, e2019GL086527.	4.0	25
48	Are Dawn Storms Jupiter's Auroral Substorms?. AGU Advances, 2021, 2, e2020AV000275.	5.4	25
49	[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
50	TEXES OBSERVATIONS OF M SUPERGIANTS: DYNAMICS AND THERMODYNAMICS OF WIND ACCELERATION. Astrophysical Journal, 2009, 701, 1464-1483.	4.5	24
51	Meridional transport of HCN from SL9 impacts on Jupiter. Icarus, 2004, 170, 58-69.	2.5	23
52	Modeling of the vapor release from the LCROSS impact: 2. Observations from LAMP. Journal of Geophysical Research, 2012, 117, .	3.3	23
53	Performance results from in-flight commissioning of the Juno Ultraviolet Spectrograph (Juno-UVS). Proceedings of SPIE, 2013, , .	0.8	22
54	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

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55	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
56	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
57	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
58	Detection of Propadiene on Titan. Astrophysical Journal Letters, 2019, 881, L33.	8.3	21
59	New Horizons Alice ultraviolet observations of a stellar occultation by Jupiterâ€™s atmosphere. Icarus, 2010, 208, 293-305.	2.5	20
60	From Voyager-IRIS to Cassini-CIRS: Interannual variability in Saturnâ€™s stratosphere?. Icarus, 2014, 233, 281-292.	2.5	20
61	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
62	Assessing the long-term variability of acetylene and ethane in the stratosphere of Jupiter. Icarus, 2018, 305, 301-313.	2.5	20
63	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
64	The Lymanâ€Î± Sky Background as Observed by New Horizons. Geophysical Research Letters, 2018, 45, 8022-8028.	4.0	19
65	Junoâ€UVS Observation of the Io Footprint During Solar Eclipse. Journal of Geophysical Research: Space Physics, 2019, 124, 5184-5199.	2.4	19
66	Spatial Distribution of the Pedersen Conductance in the Jovian Aurora From Junoâ€UVS Spectral Images. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028142.	2.4	19
67	Spectro-imaging observations of Jupiterâ€™s 2Î¼m auroral emission. II: Thermospheric winds. Icarus, 2011, 211, 1233-1241.	2.5	18
68	Concurrent ultraviolet and infrared observations of the north Jovian aurora during Juno's first perijove. Icarus, 2018, 312, 145-156.	2.5	18
69	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
70	In-flight Characterization and Calibration of the Juno-ultraviolet Spectrograph (Juno-UVS). Astronomical Journal, 2019, 157, 90.	4.7	18
71	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
72	Lunar exospheric helium observations of LRO/LAMP coordinated with ARTEMIS. Icarus, 2016, 273, 36-44.	2.5	17

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73	Jovian Injections Observed at High Latitude. Geophysical Research Letters, 2019, 46, 9397-9404.	4.0	17
74	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
75	Jupiterâ€™s Atmospheric Variability from Long-term Ground-based Observations at 5 Î¼m. Astronomical Journal, 2019, 158, 130.	4.7	17
76	First Report of Electron Measurements During a Europa Footprint Tail Crossing by Juno. Geophysical Research Letters, 2020, 47, e2020GL089732.	4.0	17
77	Fluctuations in Jupiterâ€™s equatorial stratospheric oscillation. Nature Astronomy, 2021, 5, 71-77.	10.1	17
78	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
79	First direct measurement of auroral and equatorial jets in the stratosphere of Jupiter. Astronomy and Astrophysics, 2021, 647, L8.	5.1	16
80	Energetic Proton Acceleration Associated With Io's Footprint Tail. Geophysical Research Letters, 2020, 47, e2020GL090839.	4.0	16
81	Mass Flows in Cometary Ultracompact HiiRegions. Astrophysical Journal, 2005, 631, 381-398.	4.5	15
82	LRO-LAMP detection of geologically young craters within lunar permanently shaded regions. Icarus, 2016, 273, 114-120.	2.5	15
83	2D photochemical modeling of Saturnâ€™s stratosphere. Part II: Feedback between composition and temperature. Icarus, 2016, 267, 334-343.	2.5	14
84	Bar Code Events in the Junoâ€UVS Data: Signature â^¼10ÂMeV Electron Microbursts at Jupiter. Geophysical Research Letters, 2018, 45, 12,108.	4.0	14
85	Circumstellar ammonia in oxygen-rich evolved stars. Astronomy and Astrophysics, 2018, 612, A48.	5.1	14
86	Vertically-resolved observations of Jupiterâ€™s quasi-quadrennial oscillation from 2012 to 2019. Icarus, 2020, 350, 113905.	2.5	14
87	Possible Transient Luminous Events Observed in Jupiter's Upper Atmosphere. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006659.	3.6	13
88	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
89	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
90	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

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91	Quantification of Diffuse Auroral Electron Precipitation Driven by Whistler Mode Waves at Jupiter. Geophysical Research Letters, 2021, 48, e2021GL095457.	4.0	12
92	Pluto's Ultraviolet Spectrum, Surface Reflectance, and Airglow Emissions. Astronomical Journal, 2020, 159, 274.	4.7	12
93	SOFIA-EXES Mid-IR Observations of Emission from the Extended Atmosphere of Betelgeuse. Astrophysical Journal, 2017, 836, 22.	4.5	11
94	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
95	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
96	Radiometric performance results of the Juno ultraviolet spectrograph (Juno-UVS). Proceedings of SPIE, 2011, , .	0.8	9
97	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
98	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
99	Detection of a Bolide in Jupiter's Atmosphere With Juno UVS. Geophysical Research Letters, 2021, 48, e2020GL091797.	4.0	9
100	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
101	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
102	Subseasonal Variation in Neptuneâ€™s Mid-infrared Emission. Planetary Science Journal, 2022, 3, 78.	3.6	9
103	High-resolution mid-infrared spectroscopy from SOFIA using EXES. , 2003, , .		8
104	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
105	A Comprehensive Set of Juno In Situ and Remote Sensing Observations of the Ganymede Auroral Footprint. Geophysical Research Letters, 2022, 49, .	4.0	8
106	TEXES: sensitive and versatile spectrograph for mid-infrared astronomy. , 2003, 4841, 1572.		7
107	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
108	An improved wide-field camera for imaging Earth's plasmasphere at 30.4 nm. Proceedings of SPIE, 2013, , .	0.8	7

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109	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
110	Multifrequency high spectral resolution observations of HCN toward the circumstellar envelope of Y Canum Venaticorum. Astronomy and Astrophysics, 2021, 651, A8.	5.1	7
111	Observations of Titan's Mesosphere. Astrophysical Journal, 2005, 629, L57-L60.	4.5	6
112	Development and future use of the echelon-cross-echelle spectrograph on SOFIA. , 2006, 6269, 503.		6
113	THE ROLE OF NITROGEN IN TITANâ€™S UPPER ATMOSPHERIC HYDROCARBON CHEMISTRY OVER THE SOLAR CYCLE. Astrophysical Journal, 2016, 823, 163.	4.5	6
114	MeV-level electron and gamma ray sensitivites of modern far ultraviolet sensitive microchannel plate detectors. Proceedings of SPIE, 2016, , .	0.8	6
115	Saturnâ€™s Seasonally Changing Atmosphere. , 2018, , 251-294.		6
116	Farâ€Ultraviolet Photometric Response of Apollo Soil 10084. Journal of Geophysical Research E: Planets, 2018, 123, 1221-1229.	3.6	6
117	Planning operations in Jupiter's high-radiation environment: optimization strategies from Juno-UVS. , 2018, , .		6
118	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
119	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
120	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
121	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
122	Meridional Variations of C₂H₂ in Jupiter's Stratosphere From Juno UVS Observations. Journal of Geophysical Research E: Planets, 2021, 126, e2021JE006928.	3.6	5
123	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
124	The Effects of Waves on the Meridional Thermal Structure of Jupiterâ€™s Stratosphere. Planetary Science Journal, 2020, 1, 63.	3.6	5
125	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
126	Improved ground calibration results from Southwest Research Institute Ultraviolet Radiometric Calibration Facility (UV-RCF). Proceedings of SPIE, 2014, , .	0.8	4

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127	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
128	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
129	Mapping the zonal winds of Jupiterâ€™s stratospheric equatorial oscillation. Astronomy and Astrophysics, 2021, 652, A125.	5.1	4
130	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
131	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
132	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
133	Far ultraviolet sensitivity of silicon CMOS sensors. Proceedings of SPIE, 2012, , .	0.8	3
134	Farâ€UV Observations of Lunar Rayed Craters with LROâ€LAMP. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006269.	3.6	3
135	New Horizons Observations of an Ultraviolet Stellar Occultation and Appulse by Plutoâ€™s Atmosphere. Astronomical Journal, 2020, 159, 26.	4.7	3
136	Lunar Surface Composition Constraints from Maturity-corrected Far-ultraviolet Reflectance Maps. Planetary Science Journal, 2021, 2, 189.	3.6	3
137	LRO-LAMP failsafe door-open performance: improving FUV measurements of dayside lunar hydration. , 2017, , .		3
138	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
139	SwRI's Alice line of ultraviolet spectrographs. , 2009, , .		2
140	Uncertainty for calculating transport on Titan: A probabilistic description of bimolecular diffusion parameters. Planetary and Space Science, 2015, 117, 377-384.	1.7	2
141	LRO/LAMP study of the interstellar medium via the HeI 58.4 nm resonance line. Astronomy and Astrophysics, 2018, 616, A159.	5.1	2
142	The Ultraviolet Spectrograph on NASAâ€™s Juno Mission. , 2014, , 325-351.		2
143	In-flight characterization and calibration of the Juno-Ultraviolet Spectrograph (Juno-UVS). , 2018, , .		2
144	MICHI: a thermal-infrared instrument for the TMT. , 2018, , .		2

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145	EXES: a progress report on the development of a high-resolution mid-infrared grating spectrograph for SOFIA. , 2000, 4014, 54.		1
146	Search for mid-IR rotational and Î½1â†'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
147	Radiometric calibration of the SWRI ultraviolet reflectance chamber (SwURC) far-ultraviolet reflectometer. , 2013, , .		1
148	Solar glint suppression in compact planetary ultraviolet spectrographs. Proceedings of SPIE, 2015, , .	0.8	1
149	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
150	Variability and Hemispheric Symmetry of the Pedersen Conductance in the Jovian Aurora. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028949.	2.4	1
151	Refining Saturnâ€™s deuterium-hydrogen ratio via IRTF/TEXES spectroscopy. Astronomy and Astrophysics, 2021, 653, A66.	5.1	1
152	LAMP: The Lyman Alpha Mapping Project on NASAâ€™s Lunar Reconnaissance Orbiter Mission. , 2009, , 161-181.		1
153	The L band high speed guide camera with nanomesh resonant dichroic. , 2003, , .		0
154	H2 Mid-IR Pure Rotational Emission from Young Stars: The TEXES/IRTF Survey. , 0, , 197-202.		0
155	TEXES on Gemini. , 2006, 6269, 1491.		0
156	Radiometric performance results of the Lunar Reconnaissance Orbiter's Lyman Alpha Mapping Project (LRO/LAMP) UV imaging spectrograph. , 2009, , .		0
157	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
158	The Future Exploration of Saturn. , 2018, , 417-441.		0
159	High Resolution Mid-Infrared Spectroscopy of Star and Planet Forming Regions with TEXES. Globular Clusters - Guides To Galaxies, 0, , 50-56.	0.1	0
160	Stray and scattered light properties of the Juno ultraviolet spectrograph. , 2018, , .		0
161	LRO-LAMP Observations of the Preperihelion Coma of Comet C/2013 A1 (Siding Spring). Planetary Science Journal, 2022, 3, 12.	3.6	0
162	R=100,000 Mid-IR Spectroscopy of UCHII Regions: High Resolution Is Worth It!. , 0, , 162-167.		0