

# Kevin France

## List of Publications by Year in descending order

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161  
papers

6,186  
citations

76294

40  
h-index

79644

73  
g-index

161  
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161  
docs citations

161  
times ranked

4819  
citing authors

#	ARTICLE	IF	CITATIONS
1	THE COSMIC ORIGINS SPECTROGRAPH. <i>Astrophysical Journal</i> , 2012, 744, 60.	1.6	381
2	THE MUSCLES TREASURY SURVEY. I. MOTIVATION AND OVERVIEW*. <i>Astrophysical Journal</i> , 2016, 820, 89.	1.6	298
3	OBSERVATIONS OF MASS LOSS FROM THE TRANSITING EXOPLANET HD 209458b. <i>Astrophysical Journal</i> , 2010, 717, 1291-1299.	1.6	275
4	THE ULTRAVIOLET RADIATION ENVIRONMENT AROUND M DWARF EXOPLANET HOST STARS. <i>Astrophysical Journal</i> , 2013, 763, 149.	1.6	234
5	THE MUSCLES TREASURY SURVEY. II. INTRINSIC $L_{\text{UV}}$ AND EXTREME ULTRAVIOLET SPECTRA OF K AND M DWARFS WITH EXOPLANETS*. <i>Astrophysical Journal</i> , 2016, 824, 101.	1.6	196
6	$L_{\text{UV}}$ TRANSIT SPECTROSCOPY AND THE NEUTRAL HYDROGEN TAIL OF THE HOT NEPTUNE GJ 436b. <i>Astrophysical Journal</i> , 2014, 786, 132.	1.6	194
7	How Hospitable Are Space Weather Affected Habitable Zones? The Role of Ion Escape. <i>Astrophysical Journal Letters</i> , 2017, 836, L3.	3.0	185
8	NEAR-ULTRAVIOLET ABSORPTION, CHROMOSPHERIC ACTIVITY, AND STAR-PLANET INTERACTIONS IN THE WASP-12 SYSTEM. <i>Astrophysical Journal</i> , 2012, 760, 79.	1.6	184
9	HIGH-DENSITY CIRCUMSTELLAR INTERACTION IN THE LUMINOUS TYPE II SN 2010jl: THE FIRST 1100 DAYS. <i>Astrophysical Journal</i> , 2014, 797, 118.	1.6	159
10	THE MUSCLES TREASURY SURVEY. III. X-RAY TO INFRARED SPECTRA OF 11 M AND K STARS HOSTING PLANETS. <i>Astrophysical Journal</i> , 2016, 824, 102.	1.6	153
11	THE INTRINSIC EXTREME ULTRAVIOLET FLUXES OF F5 V TO M5 V STARS. <i>Astrophysical Journal</i> , 2014, 780, 61.	1.6	151
12	High stellar FUV/NUV ratio and oxygen contents in the atmospheres of potentially habitable planets. <i>Earth and Planetary Science Letters</i> , 2014, 385, 22-27.	1.8	151
13	AN HST/COS SURVEY OF THE LOW-REDSHIFT INTERGALACTIC MEDIUM. I. SURVEY, METHODOLOGY, AND OVERALL RESULTS*. <i>Astrophysical Journal</i> , 2016, 817, 111.	1.6	136
14	Direct Measurement of the Ratio of Carbon Monoxide to Molecular Hydrogen in the Diffuse Interstellar Medium. <i>Astrophysical Journal</i> , 2007, 658, 446-454.	1.6	123
15	The Transiting Exoplanet Community Early Release Science Program for JWST. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114402.	1.0	100
16	The Cosmic Origins Spectrograph: on-orbit instrument performance. <i>Astrophysics and Space Science</i> , 2011, 335, 257-265.	0.5	96
17	COMPUTING INTRINSIC $L_{\text{UV}}$ FLUXES OF F5 V TO M5 V STARS. <i>Astrophysical Journal</i> , 2013, 766, 69.	1.6	96
18	HST/COS OBSERVATIONS OF THE QUASAR HE 2347â€“4342: PROBING THE EPOCH OF He II PATCHY REIONIZATION AT REDSHIFTS $z = 2.4-2.9$ . <i>Astrophysical Journal</i> , 2010, 722, 1312-1324.	1.6	95

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19	The MUSCLES Treasury Survey. V. FUV Flares on Active and Inactive M Dwarfs* $\hat{\epsilon}$ . Astrophysical Journal, 2018, 867, 71.	1.6	95
20	TIME-RESOLVED ULTRAVIOLET SPECTROSCOPY OF THE M-DWARF GJ 876 EXOPLANETARY SYSTEM. Astrophysical Journal Letters, 2012, 750, L32.	3.0	93
21	A HUBBLE SPACE TELESCOPE SURVEY OF H <sub>2</sub> EMISSION IN THE CIRCUMSTELLAR ENVIRONMENTS OF YOUNG STARS*. Astrophysical Journal, 2012, 756, 171.	1.6	84
22	The MUSCLES Treasury Survey. IV. Scaling Relations for Ultraviolet, Ca ii H&K, and Energetic Particle Fluxes from M Dwarfs. Astrophysical Journal, 2017, 843, 31.	1.6	84
23	NEAR-ULTRAVIOLET EXCESS IN SLOWLY ACCRETING T TAURI STARS: LIMITS IMPOSED BY CHROMOSPHERIC EMISSION. Astrophysical Journal, 2011, 743, 105.	1.6	75
24	SEARCHING FOR FAR-ULTRAVIOLET AURORAL/DAYGLOW EMISSION FROM HD 209458b. Astrophysical Journal, 2010, 712, 1277-1286.	1.6	73
25	HOT GAS LINES IN T TAURI STARS. Astrophysical Journal, Supplement Series, 2013, 207, 1.	3.0	69
26	X-ray illumination of the ejecta of supernova 1987A. Nature, 2011, 474, 484-486.	13.7	64
27	Far-ultraviolet Activity Levels of F, G, K, and M Dwarf Exoplanet Host Stars. Astrophysical Journal, Supplement Series, 2018, 239, 16.	3.0	63
28	SEMI-EMPIRICAL MODELING OF THE PHOTOSPHERE, CHROMOSPHERE, TRANSITION REGION, AND CORONA OF THE M-DWARF HOST STAR GJ 832*. Astrophysical Journal, 2016, 830, 154.	1.6	61
29	HIGH-RESOLUTION ULTRAVIOLET RADIATION FIELDS OF CLASSICAL T TAURI STARS*. Astrophysical Journal, 2014, 784, 127.	1.6	60
30	Ultraviolet C ii and Si iii Transit Spectroscopy and Modeling of the Evaporating Atmosphere of GJ436b. Astrophysical Journal Letters, 2017, 834, L17.	3.0	59
31	Ly $\beta$ DOMINANCE OF THE CLASSICAL T TAURI FAR-ULTRAVIOLET RADIATION FIELD. Astrophysical Journal Letters, 2012, 756, L23.	3.0	58
32	A FAST FLARE AND DIRECT REDSHIFT CONSTRAINT IN FAR-ULTRAVIOLET SPECTRA OF THE BLAZAR S5 0716+714. Astrophysical Journal, 2013, 764, 57.	1.6	57
33	FLUCTUATIONS AND FLARES IN THE ULTRAVIOLET LINE EMISSION OF COOL STARS: IMPLICATIONS FOR EXOPLANET TRANSIT OBSERVATIONS. Astrophysical Journal, Supplement Series, 2014, 211, 9.	3.0	54
34	THE DESTRUCTION OF THE CIRCUMSTELLAR RING OF SN 1987A. Astrophysical Journal Letters, 2015, 806, L19.	3.0	51
35	SPITZER MAPPING OF POLYCYCLIC AROMATIC HYDROCARBON AND H <sub>2</sub> FEATURES IN PHOTODISSOCIATION REGIONS. Astrophysical Journal, 2010, 725, 159-172.	1.6	50
36	THREE-DIMENSIONAL DISTRIBUTION OF EJECTA IN SUPERNOVA 1987A AT 10,000 DAYS. Astrophysical Journal, 2016, 833, 147.	1.6	48

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37	THE FAR-ULTRAVIOLET $\alpha$ -CONTINUUM IN PROTOPLANETARY DISK SYSTEMS. II. CARBON MONOXIDE FOURTH POSITIVE EMISSION AND ABSORPTION*. Astrophysical Journal, 2011, 734, 31.	1.6	46
38	Detection of Callisto's oxygen atmosphere with the Hubble Space Telescope. Icarus, 2015, 254, 178-189.	1.1	46
39	MULTIWAVELENGTH OBSERVATIONS OF A0620-00 IN QUIESCENCE. Astrophysical Journal, 2011, 743, 26.	1.6	45
40	Suppressed Far-UV Stellar Activity and Low Planetary Mass Loss in the WASP-18 System*. Astronomical Journal, 2018, 155, 113.	1.9	45
41	ATOMIC AND MOLECULAR CARBON AS A TRACER OF TRANSLUCENT CLOUDS. Astrophysical Journal, 2010, 708, 334-341.	1.6	42
42	On the Significance of Absorption Features in <i>HST</i> /COS Data I. Publications of the Astronomical Society of the Pacific, 2012, 124, 830-838.	1.0	41
43	Performance and prospects of far ultraviolet aluminum mirrors protected by atomic layer deposition. Journal of Astronomical Telescopes, Instruments, and Systems, 2016, 2, 041206.	1.0	41
44	Advanced environmentally resistant lithium fluoride mirror coatings for the next generation of broadband space observatories. Applied Optics, 2017, 56, 9941.	0.9	41
45	CO/H <sub>2</sub> ABUNDANCE RATIO $\sim 10^{-4}$ IN A PROTOPLANETARY DISK. Astrophysical Journal, 2014, 794, 160.	1.6	40
46	A Hot Ultraviolet Flare on the M Dwarf Star GJ 674. Astrophysical Journal Letters, 2019, 871, L26.	3.0	40
47	The High-energy Radiation Environment around a 10 Gyr M Dwarf: Habitable at Last?. Astronomical Journal, 2020, 160, 237.	1.9	39
48	METAL DEPLETION AND WARM H <sub>2</sub> IN THE BROWN DWARF 2M1207 ACCRETION DISK. Astrophysical Journal, 2010, 715, 596-605.	1.6	36
49	FAR-ULTRAVIOLET CONTINUUM EMISSION: APPLYING THIS DIAGNOSTIC TO THE CHROMOSPHERES OF SOLAR-MASS STARS. Astrophysical Journal, 2012, 745, 25.	1.6	36
50	THE FAR-ULTRAVIOLET $\alpha$ -CONTINUUM IN PROTOPLANETARY DISK SYSTEMS. I. ELECTRON-IMPACT H <sub>2</sub> AND ACCRETION SHOCKS. Astrophysical Journal, 2011, 729, 7.	1.6	35
51	<i>HST</i> -COS OBSERVATIONS OF HYDROGEN, HELIUM, CARBON, AND NITROGEN EMISSION FROM THE SN 1987A REVERSE SHOCK. Astrophysical Journal, 2011, 743, 186.	1.6	35
52	TYPE IIb SUPERNOVA SN 2011dh: SPECTRA AND PHOTOMETRY FROM THE ULTRAVIOLET TO THE NEAR-INFRARED. Astrophysical Journal, 2014, 781, 69.	1.6	35
53	Near-ultraviolet Transmission Spectroscopy of HD 209458b: Evidence of Ionized Iron Beyond the Planetary Roche Lobe. Astronomical Journal, 2020, 159, 111.	1.9	34
54	Fluorescent Molecular Hydrogen Emission in IC 63:FUSE, Hopkins Ultraviolet Telescope, and Rocket Observations. Astrophysical Journal, 2005, 628, 750-757.	1.6	33

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55	FAR-ULTRAVIOLET SENSITIVITY OF THE COSMIC ORIGINS SPECTROGRAPH. <i>Astrophysical Journal Letters</i> , 2010, 709, L183-L187.	3.0	32
56	Extreme-ultraviolet Radiation from A-stars: Implications for Ultra-hot Jupiters. <i>Astrophysical Journal Letters</i> , 2018, 868, L30.	3.0	32
57	Observing Supernova 1987A with the Refurbished Hubble Space Telescope. <i>Science</i> , 2010, 329, 1624-1627.	6.0	30
58	A Low-Mass H <sub>2</sub> Component to the AU Microscopii Circumstellar Disk. <i>Astrophysical Journal</i> , 2007, 668, 1174-1181.	1.6	29
59	DIRECT MEASUREMENT OF INTERSTELLAR EXTINCTION TOWARD YOUNG STARS USING ATOMIC HYDROGEN Ly $\alpha$ ABSORPTION. <i>Astrophysical Journal</i> , 2014, 780, 150.	1.6	29
60	Colorado Ultraviolet Transit Experiment: a dedicated CubeSat mission to study exoplanetary mass loss and magnetic fields. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2018, 4, 1.	1.0	29
61	The Relative Emission from Chromospheres and Coronae: Dependence on Spectral Type and Age*. <i>Astrophysical Journal</i> , 2020, 902, 3.	1.6	29
62	COSMIC ORIGINS SPECTROGRAPH OBSERVATIONS OF THE CHEMICAL COMPOSITION OF SNR LMC N132D. <i>Astrophysical Journal</i> , 2009, 707, L27-L31.	1.6	28
63	The SLICE, CHES, and SISTINE Ultraviolet Spectrographs: Rocket-Borne Instrumentation Supporting Future Astrophysics Missions. <i>Journal of Astronomical Instrumentation</i> , 2016, 05, .	0.8	28
64	CHARACTERIZING CO FOURTH POSITIVE EMISSION IN YOUNG CIRCUMSTELLAR DISKS. <i>Astrophysical Journal</i> , 2012, 746, 97.	1.6	27
65	MULTIWAVELENGTH OBSERVATIONS OF Swift J1753.5-0127. <i>Astrophysical Journal</i> , 2014, 780, 48.	1.6	27
66	THE BALLOON-BORNE LARGE APERTURE SUBMILLIMETER TELESCOPE (BLAST) 2005: A 10 deg <sup>2</sup> SURVEY OF STAR FORMATION IN CYGNUS X. <i>Astrophysical Journal</i> , 2011, 727, 114.	1.6	25
67	A Cometary Bow Shock and Mid-Infrared Emission Variations Revealed in Spitzer Observations of HD 34078 and IC 405. <i>Astrophysical Journal</i> , 2007, 655, 920-939.	1.6	23
68	WARM CORONAL RAIN ON YOUNG SOLAR ANALOG EK DRACONIS?. <i>Astrophysical Journal Letters</i> , 2010, 723, L38-L43.	3.0	22
69	The Mega-MUSCLES Spectral Energy Distribution of TRAPPIST-1. <i>Astrophysical Journal</i> , 2021, 911, 18.	1.6	22
70	The Matter Beyond the Ring: The Recent Evolution of SN 1987A Observed by the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2019, 886, 147.	1.6	21
71	Estimating the Ultraviolet Emission of M Dwarfs with Exoplanets from Ca ii and H $\beta$ . <i>Astronomical Journal</i> , 2020, 160, 269.	1.9	21
72	CO AND H <sub>2</sub> ABSORPTION IN THE AA TAURI CIRCUMSTELLAR DISK*. <i>Astrophysical Journal</i> , 2012, 744, 22.	1.6	20

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73	Reconstructing the Extreme Ultraviolet Emission of Cool Dwarfs Using Differential Emission Measure Polynomials. <i>Astrophysical Journal</i> , 2021, 913, 40.	1.6	20
74	ULTRAVIOLET SPECTROSCOPY OF RAPIDLY ROTATING SOLAR-MASS STARS: EMISSION-LINE REDSHIFTS AS A TEST OF THE SOLAR-STELLAR CONNECTION. <i>Astrophysical Journal</i> , 2012, 754, 69.	1.6	19
75	<i>HST</i> /COS SPECTRA OF DF Tau AND V4046 Sgr: FIRST DETECTION OF MOLECULAR HYDROGEN ABSORPTION AGAINST THE Ly $\alpha$ EMISSION LINE. <i>Astrophysical Journal Letters</i> , 2011, 730, L10.	3.0	18
76	PROBING THE INNER REGIONS OF PROTOPLANETARY DISKS WITH CO ABSORPTION LINE SPECTROSCOPY. <i>Astrophysical Journal</i> , 2013, 766, 12.	1.6	18
77	The 1600 Å...Å Emission Bump in Protoplanetary Disks: A Spectral Signature of H <sub>2</sub> O Dissociation <sup>+</sup> . <i>Astrophysical Journal</i> , 2017, 844, 169.	1.6	18
78	The Far Ultraviolet M-dwarf Evolution Survey. I. The Rotational Evolution of High-energy Emissions*. <i>Astrophysical Journal</i> , 2021, 911, 111.	1.6	18
79	DIFFUSE FAR-UV LINE EMISSION FROM THE LOW-REDSHIFT LYMAN BREAK GALAXY ANALOG KISSR242. <i>Astrophysical Journal Letters</i> , 2010, 722, L80-L84.	3.0	17
80	Rocket and Far Ultraviolet Spectroscopic Explorer Observations of IC 405: Differential Extinction and Fluorescent Molecular Hydrogen. <i>Astrophysical Journal</i> , 2004, 616, 257-265.	1.6	17
81	Discovery of Ly $\alpha$ -pumped Molecular Hydrogen Emission in the Planetary Nebulae NGC 6853 and NGC 3132. <i>Astrophysical Journal</i> , 2006, 644, 981-989.	1.6	16
82	Intrinsic Ly $\alpha$ Profiles of High-velocity G, K, and M Dwarfs. <i>Astrophysical Journal</i> , 2022, 926, 129.	1.6	16
83	EMPIRICALLY ESTIMATED FAR-UV EXTINCTION CURVES FOR CLASSICAL T TAURI STARS. <i>Astrophysical Journal</i> , 2016, 828, 69.	1.6	15
84	The ODYSSEUS Survey. Motivation and First Results: Accretion, Ejection, and Disk Irradiation of CVSO 109. <i>Astronomical Journal</i> , 2022, 163, 114.	1.9	15
85	FUMES. II. Ly $\alpha$ Reconstructions of Young, Active M Dwarfs. <i>Astrophysical Journal</i> , 2021, 911, 112.	1.6	14
86	Finding the UVâ€“Visible Path Forward: Proceedings of the Community Workshop to Plan the Future of UV/Visible Space Astrophysics. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 076001.	1.0	13
87	A UV-to-NIR Study of Molecular Gas in the Dust Cavity around RY Lupi. <i>Astrophysical Journal</i> , 2018, 855, 98.	1.6	13
88	MAPPING HIGH-VELOCITY H $\alpha$ AND Ly $\alpha$ EMISSION FROM SUPERNOVA 1987A. <i>Astrophysical Journal Letters</i> , 2015, 801, L16.	3.0	12
89	The UV Perspective of Low-Mass Star Formation. <i>Galaxies</i> , 2020, 8, 27.	1.1	12
90	Semiempirical Modeling of the Atmospheres of the M Dwarf Exoplanet Hosts GJ 832 and GJ 581. <i>Astrophysical Journal</i> , 2021, 909, 61.	1.6	12

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91	The M-dwarf Ultraviolet Spectroscopic Sample. I. Determining Stellar Parameters for Field Stars. <i>Astrophysical Journal</i> , 2021, 918, 40.	1.6	12
92	Extreme-ultraviolet Stellar Characterization for Atmospheric Physics and Evolution mission: motivation and overview. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2022, 8, .	1.0	12
93	Molecular and Atomic Excitation Stratification in the Outflow of the Planetary Nebula M27. <i>Astrophysical Journal</i> , 2007, 659, 1291-1316.	1.6	11
94	H <sub>2</sub> Fluorescence in M Dwarf Systems: A Stellar Origin. <i>Astrophysical Journal</i> , 2017, 845, 3.	1.6	11
95	Probing UV-sensitive Pathways for CN and HCN Formation in Protoplanetary Disks with the Hubble Space Telescope. <i>Astronomical Journal</i> , 2020, 159, 168.	1.9	10
96	The WADI key project: New insights to photon-dominated regions from Herschel observations. <i>EAS Publications Series</i> , 2011, 52, 181-186.	0.3	9
97	H <sub>2</sub> EXCITATION STRUCTURE ON THE SIGHTLINES TO $\hat{\iota}$ SCORPII AND $\hat{\iota}$ OPHIUCI: FIRST RESULTS FROM THE SUB-ORBITAL LOCAL INTERSTELLAR CLOUD EXPERIMENT. <i>Astrophysical Journal Letters</i> , 2013, 772, L9.	3.0	9
98	The assembly, calibration, and preliminary results from the Colorado high-resolution Echelle stellar spectrograph (CHESS). <i>Proceedings of SPIE</i> , 2014, , .	0.8	9
99	The ultraviolet radiation environment in the habitable zones around low-mass exoplanet host stars. <i>Astrophysics and Space Science</i> , 2014, 354, 3-7.	0.5	9
100	The re-flight of the Colorado high-resolution Echelle stellar spectrograph (CHESS): improvements, calibrations, and post-flight results. <i>Proceedings of SPIE</i> , 2016, , .	0.8	9
101	CHISL: the combined high-resolution and imaging spectrograph for the LUVUOIR surveyor. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2016, 2, 041203.	1.0	9
102	When "Boring" Stars Flare: The Ultraviolet Activity of GJ 887, a Bright M Star Hosting Newly Discovered Planets*. <i>Research Notes of the AAS</i> , 2020, 4, 119.	0.3	9
103	Molecular Hydrogen in Orion as Observed by the Far Ultraviolet Spectroscopic Explorer. <i>Astrophysical Journal</i> , 2005, 629, L97-L100.	1.6	8
104	FAR-ULTRAVIOLET DUST ALBEDO MEASUREMENTS IN THE UPPER SCORPIUS CLOUD USING THE SPINR SOUNDING ROCKET EXPERIMENT. <i>Astrophysical Journal</i> , 2009, 706, 306-318.	1.6	8
105	DECONVOLUTION OF IMAGES FROM BLAST 2005: INSIGHT INTO THE K3-50 AND IC 5146 STAR-FORMING REGIONS. <i>Astrophysical Journal</i> , 2011, 730, 142.	1.6	8
106	Development of the Colorado High-resolution Echelle Stellar Spectrograph (CHESS). , 2012, , .		8
107	Signatures of Hot Molecular Hydrogen Absorption from Protoplanetary Disks. I. Non-thermal Populations. <i>Astrophysical Journal</i> , 2017, 846, 6.	1.6	8
108	The opto-mechanical design of the Colorado High-resolution Echelle Stellar Spectrograph (CHESS). <i>Proceedings of SPIE</i> , 2011, , .	0.8	7

#	ARTICLE	IF	CITATIONS
109	Building galaxies, stars, planets and the ingredients for life between the stars. The science behind the European Ultraviolet-Visible Observatory. <i>Astrophysics and Space Science</i> , 2014, 354, 229-246.	0.5	7
110	PROTOPLANETARY DISK SHADOWING BY GAS INFALLING ONTO THE YOUNG STAR AK Sco. <i>Astrophysical Journal Letters</i> , 2016, 818, L17.	3.0	7
111	The impact of time-dependent stellar activity on exoplanet atmospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 3333-3347.	1.6	7
112	Recent developments and results of new ultraviolet reflective mirror coatings. <i>Proceedings of SPIE</i> , 2014, , .	0.8	6
113	New UV instrumentation enabled by enhanced broadband reflectivity lithium fluoride coatings. <i>Proceedings of SPIE</i> , 2015, , .	0.8	6
114	SISTINE: a pathfinder for FUV imaging spectroscopy on future NASA astrophysics missions. <i>Proceedings of SPIE</i> , 2016, , .	0.8	6
115	Probing Protoplanetary Disk Winds with C ii Absorption. <i>Astrophysical Journal</i> , 2021, 921, 181.	1.6	6
116	<title>Windowless vacuum ultraviolet collimator</title>. , 2001, , .		5
117	Long-slit imaging dual-order spectrograph: LIDOS. , 2003, , .		5
118	FORTIS: pathfinder to the Lyman continuum. , 2004, 5488, 709.		5
119	Colorado High-resolution Echelle Stellar Spectrograph (CHESS). <i>Proceedings of SPIE</i> , 2010, , .	0.8	5
120	COSMIC ORIGINS SPECTROGRAPH OBSERVATIONS OF NGC 2024: AN INDIRECT VIEW INTO THE HEART OF THE FLAME. <i>Astrophysical Journal Letters</i> , 2012, 756, L6.	3.0	5
121	Flight performance and first results from the sub-orbital local interstellar cloud experiment (SLICE). <i>Proceedings of SPIE</i> , 2013, , .	0.8	5
122	Ultraviolet spectroscopy of the blue supergiant SBW1: the remarkably weak wind of a SN 1987A analogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 2333-2344.	1.6	5
123	Calibration and flight performance of the long-slit imaging dual order spectrograph. , 2008, , .		4
124	Exploring extreme exoplanets. <i>Nature Astronomy</i> , 2020, 4, 1112-1112.	4.2	4
125	DEUCE: a sounding-rocket ultraviolet spectrograph for flux-calibrated B star observations across the Lyman limit. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2021, 7, .	1.0	4
126	Development and characterization of the CCD detector for the Colorado Ultraviolet Transit Experiment (CUTE) cubesat. , 2021, , .		4



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127	UV Fluorescence Traces Gas and Ly $\alpha$ Evolution in Protoplanetary Disks. <i>Astronomical Journal</i> , 2021, 162, 185.	1.9	4
128	The opto-mechanical design of the sub-orbital local interstellar cloud experiment (SLICE). <i>Proceedings of SPIE</i> , 2013, , .	0.8	3
129	New Gapless COS G140L Mode Proposed for Background-limited Far-UV Observations. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 105006.	1.0	3
130	FAR-UV EMISSION PROPERTIES OF FR1 RADIO GALAXIES. <i>Astrophysical Journal</i> , 2016, 832, 76.	1.6	3
131	Understanding the Death of Massive Stars Using an Astrophysical Transients Observatory. <i>Frontiers in Astronomy and Space Sciences</i> , 2018, 5, .	1.1	3
132	The Orion Fingers: H $\alpha$ Temperatures and Excitation in an Explosive Outflow. <i>Astrophysical Journal</i> , 2018, 857, 7.	1.6	3
133	The Hubble Space Telescope's Near-UV and Optical Transmission Spectrum of Earth as an Exoplanet. <i>Astronomical Journal</i> , 2020, 160, 100.	1.9	3
134	Accretion and Intercycle Variations in the PMS Interacting Binary AK Sco. <i>Astrophysical Journal</i> , 2020, 904, 120.	1.6	3
135	Hubble Space Telescope: Cosmic Origins Spectrograph FUV detector initial on-orbit performance. <i>Proceedings of SPIE</i> , 2010, , .	0.8	2
136	X-ray detection of GJ 581 and simultaneous UV observations. <i>Astronomy and Astrophysics</i> , 2013, 558, A139.	2.1	2
137	SubLymE: the sub-Lyman alpha explorer. , 2014, , .		2
138	Characterization of an ultraviolet imaging detector with high event rate ROIC (HEROIC) readout. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
139	Revisiting the Temperature of the Diffuse ISM with CHESS Sounding Rocket Observations. <i>Astrophysical Journal</i> , 2019, 878, 77.	1.6	2
140	Observability of ultraviolet Ni lines in the atmosphere of transiting Earth-like planets. <i>Astronomische Nachrichten</i> , 2020, 341, 879-886.	0.6	2
141	Gas Evolution in Inner Disk Cavities from a Synergic Analysis of IR-CO and UV-H $\alpha$ Spectra. <i>Research Notes of the AAS</i> , 2021, 5, 78.	0.3	2
142	NExtUP: the Normal-incidence Extreme Ultraviolet Photometer. , 2021, , .		2
143	UV facilities for the investigation of the origin of life. , 2021, , 115-160.		2
144	Detection of H $\alpha$ in the TWA 7 System: A Probable Circumstellar Origin. <i>Astrophysical Journal</i> , 2021, 921, 86.	1.6	2

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145	Commissioning of the cosmic origins spectrograph on the Hubble Space Telescope: an overview of COS servicing mission observatory verification. , 2010, , .		1
146	HST-COS observations of the transiting extrasolar planetary system HD 209458b. Astrophysics and Space Science, 2011, 335, 25-32.	0.5	1
147	High event rate ROICs (HEROICs) for astronomical UV photon counting detectors. , 2014, , .		1
148	The LUVOIR science and technology definition team (STDT): overview and status. Proceedings of SPIE, 2016, , .	0.8	1
149	CHESS: An innovative concept for high-resolution, far-UV spectroscopy. Experimental Astronomy, 2020, 50, 233-264.	1.6	1
150	A CO-to-H <sub>2</sub> Ratio of $10^{5.5}$ toward the Herbig Ae Star HK Ori. Astronomical Journal, 2021, 161, 217.	1.9	1
151	Opto-mechanical design of the ESCAPE Small Explorer: an EUV spectrograph for exoplanet host star irradiance and CME activity. , 2021, , .		1
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