

# Luca Fossati

## List of Publications by Year in descending order

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138  
papers

5,468  
citations

76326

40  
h-index

118850

62  
g-index

142  
all docs

142  
docs citations

142  
times ranked

3223  
citing authors

#	ARTICLE	IF	CITATIONS
1	METALS IN THE EXOSPHERE OF THE HIGHLY IRRADIATED PLANET WASP-12b. <i>Astrophysical Journal Letters</i> , 2010, 714, L222-L227.	8.3	300
2	NEAR-ULTRAVIOLET ABSORPTION, CHROMOSPHERIC ACTIVITY, AND STAR-PLANET INTERACTIONS IN THE WASP-12 SYSTEM. <i>Astrophysical Journal</i> , 2012, 760, 79.	4.5	184
3	An excess of massive stars in the local 30 Doradus starburst. <i>Science</i> , 2018, 359, 69-71.	12.6	164
4	The CHEOPS mission. <i>Experimental Astronomy</i> , 2021, 51, 109-151.	3.7	140
5	THREE-DIMENSIONAL GAS DYNAMIC SIMULATION OF THE INTERACTION BETWEEN THE EXOPLANET WASP-12b AND ITS HOST STAR. <i>Astrophysical Journal</i> , 2013, 764, 19.	4.5	132
6	Magnetic field measurements and their uncertainties: the FORS1 legacy. <i>Astronomy and Astrophysics</i> , 2012, 538, A129.	5.1	112
7	Detection of Fe in the atmosphere of the ultra-hot Jupiter WASP-121b, and a new likelihood-based approach for Doppler-resolved spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2215-2228.	4.4	112
8	Five carbon- and nitrogen-bearing species in a hot giant planet's atmosphere. <i>Nature</i> , 2021, 592, 205-208.	27.8	99
9	Six transiting planets and a chain of Laplace resonances in TOI-178. <i>Astronomy and Astrophysics</i> , 2021, 649, A26.	5.1	94
10	Grid of upper atmosphere models for $10^{-4}$ to $10^{-2}$ $M_{\oplus}$ planets: application to CoRoT-7 b and HD 219134 b,c. <i>Astronomy and Astrophysics</i> , 2018, 619, A151.	5.1	89
11	TESS's first planet. <i>Astronomy and Astrophysics</i> , 2018, 619, L10.	5.1	86
12	A DETAILED SPECTROPOLARIMETRIC ANALYSIS OF THE PLANET-HOSTING STAR WASP-12. <i>Astrophysical Journal</i> , 2010, 720, 872-886.	4.5	85
13	The spectroscopic Hertzsprung-Russell diagram of Galactic massive stars. <i>Astronomy and Astrophysics</i> , 2014, 570, L13.	5.1	85
14	Aeronomical constraints to the minimum mass and maximum radius of hot low-mass planets. <i>Astronomy and Astrophysics</i> , 2017, 598, A90.	5.1	84
15	Neutral Iron Emission Lines from the Dayside of KELT-9b: The GAPS Program with HARPS-N at TNG XX. <i>Astrophysical Journal Letters</i> , 2020, 894, L27.	8.3	84
16	ABSORBING GAS AROUND THE WASP-12 PLANETARY SYSTEM. <i>Astrophysical Journal Letters</i> , 2013, 766, L20.	8.3	83
17	Rejuvenation of stellar mergers and the origin of magnetic fields in massive stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2355-2365.	4.4	82
18	Overcoming the Limitations of the Energy-limited Approximation for Planet Atmospheric Escape. <i>Astrophysical Journal Letters</i> , 2018, 866, L18.	8.3	82

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19	B fields in OB stars (BOB): Low-resolution FORS2 spectropolarimetry of the first sample of 50 massive stars. <i>Astronomy and Astrophysics</i> , 2015, 582, A45.	5.1	77
20	The Transiting Multi-planet System HD 3167: A 5.7 M <sub>J</sub> Super-Earth and an 8.3 M <sub>J</sub> Mini-Neptune. <i>Astronomical Journal</i> , 2017, 154, 123.	4.7	71
21	TESS Delivers Its First Earth-sized Planet and a Warm Sub-Neptune*. <i>Astrophysical Journal Letters</i> , 2019, 875, L7.	8.3	69
22	TWO REGIMES OF INTERACTION OF A HOT JUPITER'S ESCAPING ATMOSPHERE WITH THE STELLAR WIND AND GENERATION OF ENERGIZED ATOMIC HYDROGEN CORONA. <i>Astrophysical Journal</i> , 2016, 832, 173.	4.5	67
23	Late stages of the evolution of A-type stars on the main sequence: comparison between observed chemical abundances and diffusion models for 8 A stars of the Praesepe cluster. <i>Astronomy and Astrophysics</i> , 2007, 476, 911-925.	5.1	65
24	Properties of OB star-black hole systems derived from detailed binary evolution models. <i>Astronomy and Astrophysics</i> , 2020, 638, A39.	5.1	65
25	Far-ultraviolet Activity Levels of F, G, K, and M Dwarf Exoplanet Host Stars. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 16.	7.7	63
26	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2018, 618, A73.	5.1	62
27	An overabundance of low-density Neptune-like planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 1868-1879.	4.4	61
28	The hot dayside and asymmetric transit of WASP-189 b seen by CHEOPS. <i>Astronomy and Astrophysics</i> , 2020, 643, A94.	5.1	61
29	The chemical abundance analysis of normal early A- and late B-type stars. <i>Astronomy and Astrophysics</i> , 2009, 503, 945-962.	5.1	60
30	The Influence of Coronal Mass Ejections on the Mass-loss Rates of Hot-Jupiters. <i>Astrophysical Journal</i> , 2017, 846, 31.	4.5	60
31	Magma oceans and enhanced volcanism on TRAPPIST-1 planets due to induction heating. <i>Nature Astronomy</i> , 2017, 1, 878-885.	10.1	57
32	The FORS1 catalogue of stellar magnetic field measurements. <i>Astronomy and Astrophysics</i> , 2015, 583, A115.	5.1	54
33	Identifying the true radius of the hot sub-Neptune CoRoT-24b by mass-loss modelling. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 461, L62-L66.	3.3	53
34	Detection of Ionized Calcium in the Atmosphere of the Ultra-hot Jupiter KELT-9b. <i>Astrophysical Journal Letters</i> , 2020, 888, L13.	8.3	52
35	K2-106, a system containing a metal-rich planet and a planet of lower density. <i>Astronomy and Astrophysics</i> , 2017, 608, A93.	5.1	51
36	Transit detection of the long-period volatile-rich super-Earth $\lambda$ Lupi d with CHEOPS. <i>Nature Astronomy</i> , 2021, 5, 775-787.	10.1	51

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37	Constraining the early evolution of Venus and Earth through atmospheric Ar, Ne isotope and bulk K/U ratios. <i>Icarus</i> , 2020, 339, 113551.	2.5	47
38	CHEOPS observations of the HD 108236 planetary system: a fifth planet, improved ephemerides, and planetary radii. <i>Astronomy and Astrophysics</i> , 2021, 646, A157.	5.1	47
39	The GAPS programme at TNG. <i>Astronomy and Astrophysics</i> , 2020, 639, A49.	5.1	47
40	Radial velocity confirmation of K2-100b: a young, highly irradiated, and low-density transiting hot Neptune. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 698-708.	4.4	46
41	SALT observations of the chromospheric activity of transiting planet hosts: mass-loss and star-planet interactions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 738-748.	4.4	45
42	Suppressed Far-UV Stellar Activity and Low Planetary Mass Loss in the WASP-18 System*. <i>Astronomical Journal</i> , 2018, 155, 113.	4.7	45
43	Effect of stellar wind induced magnetic fields on planetary obstacles of non-magnetized hot Jupiters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4330-4336.	4.4	44
44	The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2019, 631, A34.	5.1	44
45	The first planet detected in the WTS: an inflated hot Jupiter in a 3.35-d orbit around a late F star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 1877-1890.	4.4	42
46	FAR-UV SPECTROSCOPY OF THE PLANET-HOSTING STAR WASP-13: HIGH-ENERGY IRRADIANCE, DISTANCE, AGE, PLANETARY MASS-LOSS RATE, AND CIRCUMSTELLAR ENVIRONMENT. <i>Astrophysical Journal</i> , 2015, 815, 118.	4.5	40
47	Ly $\alpha$ Absorption at Transits of HD 209458b: A Comparative Study of Various Mechanisms Under Different Conditions. <i>Astrophysical Journal</i> , 2017, 847, 126.	4.5	40
48	OBSERVATIONAL CONSEQUENCES OF TURBULENT PRESSURE IN THE ENVELOPES OF MASSIVE STARS. <i>Astrophysical Journal Letters</i> , 2015, 808, L31.	8.3	39
49	A BIMODAL CORRELATION BETWEEN HOST STAR CHROMOSPHERIC EMISSION AND THE SURFACE GRAVITY OF HOT JUPITERS. <i>Astrophysical Journal Letters</i> , 2015, 812, L35.	8.3	39
50	The Role of N <sub>2</sub> as a Geo-Biosignature for the Detection and Characterization of Earth-like Habitats. <i>Astrobiology</i> , 2019, 19, 927-950.	3.0	38
51	Analysis of Early Science observations with the CHaracterising ExOPlanets Satellite (CHEOPS) using <i>pycheops</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 77-104.	4.4	38
52	Hydrogen Dominated Atmospheres on Terrestrial Mass Planets: Evidence, Origin and Evolution. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	37
53	Is Men c $\epsilon$ ™s Atmosphere Hydrogen-dominated? Insights from a Non-detection of H $\alpha$ Ly $\alpha$ Absorption. <i>Astrophysical Journal Letters</i> , 2020, 888, L21.	8.3	37
54	K2-139 b: a low-mass warm Jupiter on a 29-d orbit transiting an active KO $\tilde{V}$ star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1765-1776.	4.4	35

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55	A Heavy Molecular Weight Atmosphere for the Super-Earth Ā Men c. <i>Astrophysical Journal Letters</i> , 2021, 907, L36.	8.3	35
56	Loss and Fractionation of Noble Gas Isotopes and Moderately Volatile Elements from Planetary Embryos and Early Venus, Earth and Mars. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	34
57	Near-ultraviolet Transmission Spectroscopy of HD 209458b: Evidence of Ionized Iron Beyond the Planetary Roche Lobe. <i>Astronomical Journal</i> , 2020, 159, 111.	4.7	34
58	Close-in Sub-Neptunes Reveal the Past Rotation History of Their Host Stars: Atmospheric Evolution of Planets in the HD 3167 and K2-32 Planetary Systems. <i>Astrophysical Journal</i> , 2019, 879, 26.	4.5	33
59	<i>Swift</i> UVOT near-UV transit observations of WASP-121 b. <i>Astronomy and Astrophysics</i> , 2019, 623, A57.	5.1	33
60	Non-local thermodynamic equilibrium effects determine the upper atmospheric temperature structure of the ultra-hot Jupiter KELT-9b. <i>Astronomy and Astrophysics</i> , 2021, 653, A52.	5.1	33
61	The importance of non-photon noise in stellar spectropolarimetry. <i>Astronomy and Astrophysics</i> , 2013, 559, A103.	5.1	32
62	Aerosol Constraints on the Atmosphere of the Hot Saturn-mass Planet WASP-49b. <i>Astrophysical Journal</i> , 2017, 849, 145.	4.5	32
63	Extreme-ultraviolet Radiation from A-stars: Implications for Ultra-hot Jupiters. <i>Astrophysical Journal Letters</i> , 2018, 868, L30.	8.3	32
64	Detection of Ongoing Mass Loss from HD 63433c, a Young Mini-Neptune. <i>Astronomical Journal</i> , 2022, 163, 68.	4.7	31
65	Characterization of the HDĀ%219134 multi-planet system II. Stellar-wind sputtered exospheres in rocky planets b & c. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5296-5306.	4.4	30
66	A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with <i>CHEOPS</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1043-1071.	4.4	30
67	Young planets under extreme UV irradiation. <i>Astronomy and Astrophysics</i> , 2018, 612, A25.	5.1	29
68	Super-Earth of 8<i>M</i><sub>Ā</sub> in a 2.2-day orbit around the K5V star K2-216. <i>Astronomy and Astrophysics</i> , 2018, 618, A33.	5.1	29
69	The Transiting Multi-planet System HD15337: Two Nearly Equal-mass Planets Straddling the Radius Gap. <i>Astrophysical Journal Letters</i> , 2019, 876, L24.	8.3	29
70	HD 219666 b: a hot-Neptune from TESS Sector 1. <i>Astronomy and Astrophysics</i> , 2019, 623, A165.	5.1	29
71	On the consistency of magnetic field measurements of Ap stars: lessons learned from the FORS1 archive. <i>Astronomy and Astrophysics</i> , 2014, 572, A113.	5.1	28
72	Effective Induction Heating around Strongly Magnetized Stars. <i>Astrophysical Journal</i> , 2018, 858, 105.	4.5	28

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73	The Kepler-11 system: evolution of the stellar high-energy emission and initial planetary atmospheric mass fractions. <i>Astronomy and Astrophysics</i> , 2019, 632, A65.	5.1	28
74	Relating turbulent pressure and macroturbulence across the HR diagram with a possible link to <i>̳</i> -Doradus stars. <i>Astronomy and Astrophysics</i> , 2015, 584, L2.	5.1	26
75	Coupling thermal evolution of planets and hydrodynamic atmospheric escape in mesa. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 77-88.	4.4	26
76	Effects of radiation pressure on the evaporative wind of HD 209458b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1292-1305.	4.4	26
77	The atmosphere and architecture of WASP-189 b probed by its CHEOPS phase curve. <i>Astronomy and Astrophysics</i> , 2022, 659, A74.	5.1	26
78	B fields in OB stars (BOB): Detection of a magnetic field in the He-strong star CPD <i>̳</i> <sup>57</sup> <i>̳</i> <sup>3509</sup> . <i>Astronomy and Astrophysics</i> , 2016, 587, A7.	5.1	25
79	Spi-OPS: <i>Spitzer</i> and CHEOPS confirm the near-polar orbit of MASCARA-1 b and reveal a hint of dayside reflection. <i>Astronomy and Astrophysics</i> , 2022, 658, A75.	5.1	25
80	A data-driven approach to constraining the atmospheric temperature structure of the ultra-hot Jupiter KELT-9b. <i>Astronomy and Astrophysics</i> , 2020, 643, A131.	5.1	23
81	The effect of ISM absorption on stellar activity measurements and its relevance for exoplanet studies. <i>Astronomy and Astrophysics</i> , 2017, 601, A104.	5.1	22
82	Atmospheric Mass Loss from Hot Jupiters Irradiated by Stellar Superflares. <i>Astrophysical Journal</i> , 2018, 869, 108.	4.5	22
83	Circumstellar environment of 55 Cancri. <i>Astronomy and Astrophysics</i> , 2020, 633, A48.	5.1	22
84	A solar-type star polluted by calcium-rich supernova ejecta inside the supernova remnant RCW 86. <i>Nature Astronomy</i> , 2017, 1, .	10.1	21
85	The Spectroscopic Hertzsprung–Russell Diagram of Hot Massive Stars in the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 2018, 868, 57.	4.5	21
86	Generation of a circumstellar gas disc by hot Jupiter WASP-12b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 2592-2598.	4.4	21
87	BONNSAI: correlated stellar observables in Bayesian methods. <i>Astronomy and Astrophysics</i> , 2017, 598, A60.	5.1	21
88	B field in OB stars (BOB): The outstandingly strong magnetic field in the evolved He-strong star CPD <i>̳</i> <sup>62</sup> <i>̳</i> <sup>2124</sup> . <i>Astronomy and Astrophysics</i> , 2017, 597, L6.	5.1	20
89	Ca II H&K stellar activity parameter: a proxy for extreme ultraviolet stellar fluxes. <i>Astronomy and Astrophysics</i> , 2020, 644, A67.	5.1	20
90	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2022, 658, A136.	5.1	20

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91	CHEOPS geometric albedo of the hot Jupiter HD 209458 b. <i>Astronomy and Astrophysics</i> , 2022, 659, L4.	5.1	20
92	Diagnostics of the unstable envelopes of Wolf-Rayet stars. <i>Astronomy and Astrophysics</i> , 2016, 590, A12.	5.1	19
93	Characterization of the HD 219134 multiplanet system I. Observations of stellar magnetism, wind, and high-energy flux... <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5286-5295.	4.4	19
94	On the ultraviolet anomalies of the WASP-12 and HD 189733 systems: Trojan satellites as a plasma source. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 988-999.	4.4	18
95	Detection of Ionized Calcium in the Atmosphere of the Ultra-hot Jupiter WASP-76b. <i>Astrophysical Journal Letters</i> , 2021, 919, L15.	8.3	18
96	Modelling atmospheric escape and Mg II near-ultraviolet absorption of the highly irradiated hot Jupiter WASP-12b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4208-4220.	4.4	17
97	A Multiwavelength Look at the GJ 9827 System: No Evidence of Extended Atmospheres in GJ 9827b and d from HST and CARMENES Data. <i>Astronomical Journal</i> , 2021, 161, 136.	4.7	17
98	A critical assessment of the applicability of the energy-limited approximation for estimating exoplanetary mass-loss rates. <i>Astronomy and Astrophysics</i> , 2021, 650, A94.	5.1	17
99	The impact of intrinsic magnetic field on the absorption signatures of elements probing the upper atmosphere of HD209458b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3626-3637.	4.4	17
100	Modeling the Ly $\alpha$ transit absorption of the hot Jupiter HD 189733b. <i>Astronomy and Astrophysics</i> , 2020, 638, A49.	5.1	17
101	Three-dimensional hydrodynamic simulations of the upper atmosphere of $\epsilon$ Men c: Comparison with Ly $\alpha$ transit observations. <i>Astronomy and Astrophysics</i> , 2020, 639, A109.	5.1	17
102	The Multiplanet System TOI-421: A Warm Neptune and a Super Puffy Mini-Neptune Transiting a G9 V Star in a Visual Binary*. <i>Astronomical Journal</i> , 2020, 160, 114.	4.7	17
103	High-resolution detection of neutral oxygen and non-LTE effects in the atmosphere of KELT-9b. <i>Nature Astronomy</i> , 2022, 6, 226-231.	10.1	17
104	An ablating 2.6 $M_{\oplus}$ planet in an eccentric binary from the Dispersed Matter Planet Project. <i>Nature Astronomy</i> , 2020, 4, 419-426.	10.1	16
105	Mitigating flicker noise in high-precision photometry. <i>Astronomy and Astrophysics</i> , 2020, 636, A70.	5.1	16
106	The Influence of a Stellar Flare on the Dynamical State of the Atmosphere of the Exoplanet HD 209458b. <i>Astronomy Reports</i> , 2018, 62, 648-653.	0.9	15
107	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2021, 653, A104.	5.1	15
108	Supermassive hot Jupiters provide more favourable conditions for the generation of radio emission via the cyclotron maser instability – a case study based on Tau Bootis b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3680-3688.	4.4	14

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109	Dispersed Matter Planet Project discoveries of ablating planets orbiting nearby bright stars. <i>Nature Astronomy</i> , 2020, 4, 408-418.	10.1	14
110	Metallicity dependence of turbulent pressure and macroturbulence in stellar envelopes. <i>Astronomy and Astrophysics</i> , 2016, 593, A14.	5.1	13
111	Modeling of Absorption by Heavy Minor Species for the Hot Jupiter HD 209458b. <i>Astrophysical Journal</i> , 2018, 866, 47.	4.5	13
112	Simulation of $10\text{\AA}$ absorption with a 3D hydrodynamic model reveals the solar He abundance in upper atmosphere of WASP-107b. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 503, L23-L27.	3.3	13
113	Constraining stellar rotation and planetary atmospheric evolution of a dozen systems hosting sub-Neptunes and super-Earths. <i>Astronomy and Astrophysics</i> , 2021, 656, A157.	5.1	13
114	The extreme-ultraviolet stellar characterization for atmospheric physics and evolution (ESCAPE) mission concept. , 2019, , .		12
115	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2022, 663, A141.	5.1	12
116	The science case for POLLUX, a high-resolution UV spectropolarimeter onboard LUVOIR. , 2018, , .		11
117	Bright low mass eclipsing binary candidates observed by STEREO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 2298-2307.	4.4	10
118	Interior heating and outgassing of Proxima Centauri b: Identifying critical parameters. <i>Astronomy and Astrophysics</i> , 2021, 651, A103.	5.1	10
119	Global 3D Simulation of the Upper Atmosphere of HD189733b and Absorption in Metastable He i and Ly $\beta$ Lines. <i>Astrophysical Journal</i> , 2022, 927, 238.	4.5	10
120	The Influence of Superflares of Host Stars on the Dynamics of the Envelopes of Hot Jupiters. <i>Astronomy Reports</i> , 2019, 63, 94-106.	0.9	9
121	A compact multi-planet system around a bright nearby star from the Dispersed Matter Planet Project. <i>Nature Astronomy</i> , 2020, 4, 399-407.	10.1	9
122	Probing <i>Kepler</i> 's hottest small planets via homogeneous search and analysis of optical secondary eclipses and phase variations. <i>Astronomy and Astrophysics</i> , 2022, 658, A132.	5.1	9
123	Future Missions Related to the Determination of the Elemental and Isotopic Composition of Earth, Moon and the Terrestrial Planets. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	8
124	Probing the atmosphere of HD189733b with the Na i and K i lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1023-1033.	4.4	8
125	Extending a Grid of Hydrodynamic Planetary Upper Atmosphere Models. <i>Research Notes of the AAS</i> , 2021, 5, 74.	0.7	8
126	Non-local thermodynamic equilibrium transmission spectrum modelling of HD 209458b. <i>Astronomy and Astrophysics</i> , 2020, 641, A47.	5.1	8



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127	STELLAR WIND INDUCED SOFT X-RAY EMISSION FROM CLOSE-IN EXOPLANETS. <i>Astrophysical Journal Letters</i> , 2015, 799, L15.	8.3	7
128	Colorado Ultraviolet Transit Experiment data simulator. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.8	7
129	HD 144941: the most extreme helium-strong star. <i>Astronomy and Astrophysics</i> , 2021, 654, A119.	5.1	6
130	Searching for a gas cloud surrounding the WASP-18 planetary system. <i>Astrophysics and Space Science</i> , 2014, 354, 21-28.	1.4	5
131	Understanding the rotational variability of K2 targets. <i>Astronomy and Astrophysics</i> , 2020, 639, A8.	5.1	5
132	Observations of Exoplanet Atmospheres and Surrounding Environments. <i>Astrophysics and Space Science Library</i> , 2015, , 59-80.	2.7	5
133	The Colorado Ultraviolet Transit Experiment (CUTE): a dedicated cubesat mission for the study of exoplanetary mass loss and magnetic fields. , 2017, , .		5
134	Response to Comment on "An excess of massive stars in the local 30 Doradus starburst". <i>Science</i> , 2018, 361, .	12.6	4
135	Observability of ultraviolet Ni lines in the atmosphere of transiting Earth-like planets. <i>Astronomische Nachrichten</i> , 2020, 341, 879-886.	1.2	2
136	The search for living worlds and the connection to our cosmic origins. <i>Experimental Astronomy</i> , 2022, 54, 1275-1306.	3.7	1
137	New Spectropolarimetric Measurements of HD 144941. <i>Research Notes of the AAS</i> , 2021, 5, 254.	0.7	1
138	A Hydrodynamic Modelling of Atmospheric Escape and Absorption Line of WASP-12b. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 301-303.	0.0	0