

# John H Livingston

## List of Publications by Year in descending order

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119  
papers

3,494  
citations

159358

30  
h-index

214527

47  
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119  
all docs

119  
docs citations

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times ranked

2507  
citing authors

#	ARTICLE	IF	CITATIONS
1	197 CANDIDATES AND 104 VALIDATED PLANETS IN K2'S FIRST FIVE FIELDS. <i>Astrophysical Journal, Supplement Series</i> , 2016, 226, 7.	3.0	177
2	275 Candidates and 149 Validated Planets Orbiting Bright Stars in K2 Campaigns 0â€“10. <i>Astronomical Journal</i> , 2018, 155, 136.	1.9	141
3	SPITZER OBSERVATIONS CONFIRM AND RESOLVE THE HABITABLE-ZONE SUPER-EARTH K2-18b FOR FUTURE CHARACTERIZATION. <i>Astrophysical Journal</i> , 2017, 834, 187.	1.6	102
4	Four Newborn Planets Transiting the Young Solar Analog V1298 Tau. <i>Astrophysical Journal Letters</i> , 2019, 885, L12.	3.0	97
5	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. II. Planetary Systems Observed During Campaigns 1â€“7. <i>Astronomical Journal</i> , 2017, 154, 207.	1.9	95
6	PAH EMISSION AT THE BRIGHT LOCATIONS OF PDRs: THE grandPAH HYPOTHESIS. <i>Astrophysical Journal</i> , 2015, 807, 99.	1.6	92
7	TESSâ€™s first planet. <i>Astronomy and Astrophysics</i> , 2018, 619, L10.	2.1	86
8	Exoplanets around Low-mass Stars Unveiled by K2. <i>Astronomical Journal</i> , 2018, 155, 127.	1.9	85
9	K2 DISCOVERS A BUSY BEE: AN UNUSUAL TRANSITING NEPTUNE FOUND IN THE BEEHIVE CLUSTER. <i>Astronomical Journal</i> , 2016, 152, 223.	1.9	84
10	A CHARACTERISTIC TRANSMISSION SPECTRUM DOMINATED BY H <sub>2</sub> O APPLIES TO THE MAJORITY OF HST/WFC3 EXOPLANET OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 823, 109.	1.6	80
11	Age Determination in Upper Scorpius with Eclipsing Binaries. <i>Astrophysical Journal</i> , 2019, 872, 161.	1.6	77
12	The K2-138 System: A Near-resonant Chain of Five Sub-Neptune Planets Discovered by Citizen Scientists. <i>Astronomical Journal</i> , 2018, 155, 57.	1.9	76
13	The Discovery and Mass Measurement of a New Ultra-short-period Planet: K2-131b. <i>Astronomical Journal</i> , 2017, 154, 226.	1.9	74
14	The SEEDS High-Contrast Imaging Survey of Exoplanets Around Young Stellar Objects. <i>Astronomical Journal</i> , 2017, 153, 106.	1.9	68
15	Three Super-Earths Transiting the Nearby Star GJ 9827. <i>Astronomical Journal</i> , 2017, 154, 266.	1.9	63
16	K2-66b and K2-106b: Two Extremely Hot Sub-Neptune-size Planets with High Densities. <i>Astronomical Journal</i> , 2017, 153, 271.	1.9	60
17	K2-137 b: an Earth-sized planet in a 4.3-h orbit around an M-dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 5523-5533.	1.6	56
18	Sixty Validated Planets from K2 Campaigns 5â€“8. <i>Astronomical Journal</i> , 2018, 156, 277.	1.9	53

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19	Two Small Transiting Planets and a Possible Third Body Orbiting HD 106315. <i>Astronomical Journal</i> , 2017, 153, 255.	1.9	51
20	44 Validated Planets from K2 Campaign 10. <i>Astronomical Journal</i> , 2018, 156, 78.	1.9	50
21	SPITZER OBSERVATIONS OF EXOPLANETS DISCOVERED WITH THE KEPLER K2 MISSION. <i>Astrophysical Journal</i> , 2016, 822, 39.	1.6	48
22	K2-141 b. <i>Astronomy and Astrophysics</i> , 2018, 612, A95.	2.1	47
23	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.	1.6	46
24	MASS CONSTRAINTS OF THE WASP-47 PLANETARY SYSTEM FROM RADIAL VELOCITIES. <i>Astronomical Journal</i> , 2017, 153, 70.	1.9	45
25	Three Small Planets Transiting a Hyades Star. <i>Astronomical Journal</i> , 2018, 155, 115.	1.9	41
26	Masses and compositions of three small planets orbiting the nearby M dwarf L231-32 (TOI-270) and the M dwarf radius valley. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	41
27	K2-155: A Bright Metal-poor M Dwarf with Three Transiting Super-Earths. <i>Astronomical Journal</i> , 2018, 155, 124.	1.9	38
28	WASP-107b's Density Is Even Lower: A Case Study for the Physics of Planetary Gas Envelope Accretion and Orbital Migration. <i>Astronomical Journal</i> , 2021, 161, 70.	1.9	38
29	Cluster Difference Imaging Photometric Survey. II. TOI 837: A Young Validated Planet in IC 2602. <i>Astronomical Journal</i> , 2020, 160, 239.	1.9	38
30	Bright Opportunities for Atmospheric Characterization of Small Planets: Masses and Radii of K2-3 b, c, and d and GJ3470 b from Radial Velocity Measurements and Spitzer Transits. <i>Astronomical Journal</i> , 2019, 157, 97.	1.9	36
31	TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Pisces-Eridanus Stream*. <i>Astronomical Journal</i> , 2021, 161, 65.	1.9	34
32	Precise mass and radius of a transiting super-Earth planet orbiting the M dwarf TOI-1235: a planet in the radius gap?. <i>Astronomy and Astrophysics</i> , 2020, 639, A132.	2.1	33
33	A planetary system with two transiting mini-Neptunes near the radius valley transition around the bright M dwarf TOI-776. <i>Astronomy and Astrophysics</i> , 2021, 645, A41.	2.1	33
34	SPITZER OBSERVATIONS OF HOTSPOTS IN RADIO LOBES. <i>Astrophysical Journal</i> , 2012, 759, 86.	1.6	32
35	GJ 367b: A dense, ultrashort-period sub-Earth planet transiting a nearby red dwarf star. <i>Science</i> , 2021, 374, 1271-1275.	6.0	30
36	A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with CHEOPS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1043-1071.	1.6	30

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37	GROUND-BASED TRANSIT OBSERVATION OF THE HABITABLE-ZONE SUPER-EARTH K2-3D. <i>Astronomical Journal</i> , 2016, 152, 171.	1.9	29
38	Super-Earth of 8 <i>M</i> <sub>J</sub> in a 2.2-day orbit around the K5V star K2-216. <i>Astronomy and Astrophysics</i> , 2018, 618, A33.	2.1	29
39	The Transiting Multi-planet System HD15337: Two Nearly Equal-mass Planets Straddling the Radius Gap. <i>Astrophysical Journal Letters</i> , 2019, 876, L24.	3.0	29
40	HD 219666 b: a hot-Neptune from TESS Sector 1. <i>Astronomy and Astrophysics</i> , 2019, 623, A165.	2.1	29
41	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission*. <i>Astronomical Journal</i> , 2020, 159, 151.	1.9	29
42	Speckle Observations of TESS Exoplanet Host Stars: Understanding the Binary Exoplanet Host Star Orbital Period Distribution. <i>Astronomical Journal</i> , 2021, 161, 164.	1.9	29
43	The K2-ESPRINT project. VI. K2-105Ab, a hot Neptune around a metal-rich G-dwarf. <i>Publication of the Astronomical Society of Japan</i> , 2017, 69, .	1.0	28
44	Mass determinations of the three mini-Neptunes transiting TOI-125. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5399-5412.	1.6	28
45	Discovery of a hot, transiting, Earth-sized planet and a second temperate, non-transiting planet around the M4 dwarf GJ 3473 (TOI-488). <i>Astronomy and Astrophysics</i> , 2020, 642, A236.	2.1	27
46	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 644, A127.	2.1	27
47	HD 89345: a bright oscillating star hosting a transiting warm Saturn-sized planet observed by K2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4866-4880.	1.6	25
48	K2-264: a transiting multiplanet system in the Praesepe open cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 8-18.	1.6	25
49	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2021, 645, A71.	2.1	25
50	Transmission Spectroscopy for the Warm Sub-Neptune HD 3167c: Evidence for Molecular Absorption and a Possible High-metallicity Atmosphere. <i>Astronomical Journal</i> , 2021, 161, 18.	1.9	25
51	K2-260 b: a hot Jupiter transiting an F star, and K2-261 b: a warm Saturn around a bright G star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 596-612.	1.6	24
52	Planetary Candidates from K2 Campaign 16. <i>Astronomical Journal</i> , 2018, 156, 22.	1.9	24
53	HATS-74Ab, HATS-75b, HATS-76b, and HATS-77b: Four Transiting Giant Planets Around K and M Dwarfs*. <i>Astronomical Journal</i> , 2022, 163, 125.	1.9	24
54	LHS 1815b: The First Thick-disk Planet Detected by TESS. <i>Astronomical Journal</i> , 2020, 159, 160.	1.9	23

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55	TOI-674b: An oasis in the desert of exo-Neptunes transiting a nearby M dwarf. <i>Astronomy and Astrophysics</i> , 2021, 653, A60.	2.1	23
56	TOI-530b: a giant planet transiting an M-dwarf detected by <i>TESS</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 83-99.	1.6	23
57	MuSCAT3: a 4-color simultaneous camera for the 2m Faulkes Telescope North. , 2020, , .		22
58	Mass determination of the 1:3:5 near-resonant planets transiting GJ 9827 (K2-135). <i>Astronomy and Astrophysics</i> , 2018, 618, A116.	2.1	21
59	A <i>TESS</i> Dress Rehearsal: Planetary Candidates and Variables from <i>K2</i> Campaign 17. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 5.	3.0	20
60	Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. <i>Astronomical Journal</i> , 2021, 162, 161.	1.9	20
61	Stellar and Planetary Parameters for <i>K2</i> 's Late-type Dwarf Systems from C1 to C5. <i>Astrophysical Journal</i> , 2017, 837, 72.	1.6	19
62	Greening of the brown-dwarf desert. <i>Astronomy and Astrophysics</i> , 2019, 628, A64.	2.1	19
63	TOI-132b: A short-period planet in the Neptune desert transiting a $V = 11.3$ -type star.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 973-985.	1.6	19
64	A Search for Planetary Metastable Helium Absorption in the V1298 Tau System. <i>Astronomical Journal</i> , 2021, 162, 222.	1.9	19
65	Revisiting the HIP 41378 System with <i>K2</i> and <i>Spitzer</i> . <i>Astronomical Journal</i> , 2019, 157, 185.	1.9	18
66	TOI-519 b: A short-period substellar object around an M dwarf validated using multicolour photometry and phase curve analysis. <i>Astronomy and Astrophysics</i> , 2021, 645, A16.	2.1	18
67	H-alpha and Ca ii Infrared Triplet Variations During a Transit of the 23 Myr Planet V1298 Tau c. <i>Astronomical Journal</i> , 2021, 162, 213.	1.9	18
68	K2-290: a warm Jupiter and a mini-Neptune in a triple-star system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3522-3536.	1.6	17
69	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.	1.9	17
70	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.	1.9	17
71	<i>Spitzer</i> Transit Follow-up of Planet Candidates from the <i>K2</i> Mission. <i>Astronomical Journal</i> , 2019, 157, 102.	1.9	16
72	K2-140b and K2-180b – Characterization of a hot Jupiter and a mini-Neptune from the <i>K2</i> mission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1807-1823.	1.6	16

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73	K2-288Bb: A Small Temperate Planet in a Low-mass Binary System Discovered by Citizen Scientists. <i>Astronomical Journal</i> , 2019, 157, 40.	1.9	16
74	Catalog of New K2 Exoplanet Candidates from Citizen Scientists. <i>Research Notes of the AAS</i> , 2019, 3, 43.	0.3	16
75	37 new validated planets in overlapping K2 campaigns. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 195-218.	1.6	15
76	An enhanced slope in the transmission spectrum of the hot Jupiter WASP-104b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 5420-5435.	1.6	15
77	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. <i>Astronomical Journal</i> , 2022, 163, 207.	1.9	15
78	The TOI-763 system: sub-Neptunes orbiting a Sun-like star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4503-4517.	1.6	14
79	It Takes Two Planets in Resonance to Tango around K2-146. <i>Astronomical Journal</i> , 2020, 159, 120.	1.9	14
80	Obliquity measurement and atmospheric characterisation of the WASP-74 planetary system. <i>Astronomy and Astrophysics</i> , 2020, 642, A50.	2.1	14
81	Detection and Doppler monitoring of K2-285 (EPIC 246471491), a system of four transiting planets smaller than Neptune. <i>Astronomy and Astrophysics</i> , 2019, 623, A41.	2.1	13
82	Zodiacal exoplanets in time XIII. Planet orbits and atmospheres in the V1298 Tau system, a keystone in studies of early planetary evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 2969-2978.	1.6	13
83	K2-19b and c are in a 3:2 Commensurability but out of Resonance: A Challenge to Planet Assembly by Convergent Migration. <i>Astronomical Journal</i> , 2020, 159, 2.	1.9	12
84	V1298 Tau with TESS: Updated Ephemerides, Radii, and Period Constraints from a Second Transit of V1298 Tau e. <i>Astrophysical Journal Letters</i> , 2022, 925, L2.	3.0	12
85	An Aligned Orbit for the Young Planet V1298 Tau b. <i>Astronomical Journal</i> , 2022, 163, 247.	1.9	12
86	Detection and characterization of an ultra-dense sub-Neptunian planet orbiting the Sun-like star K2-292. <i>Astronomy and Astrophysics</i> , 2019, 623, A114.	2.1	11
87	Is the orbit of the exoplanet WASP-43b really decaying? TESS and MuSCAT2 observations confirm no detection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5514-5523.	1.6	11
88	Characterization of flight detector arrays for the wide-field infrared survey explorer. <i>Proceedings of SPIE</i> , 2008, , .	0.8	10
89	Planetary candidates transiting cool dwarf stars from campaigns 12 to 15 of K2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5416-5441.	1.6	10
90	Physical Parameters of the Multiplanet Systems HD 106315 and GJ 9827*. <i>Astronomical Journal</i> , 2021, 161, 47.	1.9	10

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91	Hot planets around cool stars – two short-period mini-Neptunes transiting the late K-dwarf TOI-1260. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4684-4701.	1.6	9
92	Three planets transiting the evolved star EPIC 249893012: a hot 8.8- $M_{\oplus}$ super-Earth and two warm 14.7 and 10.2- $M_{\oplus}$ sub-Neptunes. <i>Astronomy and Astrophysics</i> , 2020, 636, A89.	2.1	9
93	A low-eccentricity migration pathway for a 13-h-period Earth analogue in a four-planet system. <i>Nature Astronomy</i> , 2022, 6, 736-750.	4.2	9
94	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. III. A High Mass and Low Envelope Fraction for the Warm Neptune K2-55b*. <i>Astronomical Journal</i> , 2018, 156, 70.	1.9	8
95	K2-138 g: Spitzer Spots a Sixth Planet for the Citizen Science System. <i>Astronomical Journal</i> , 2021, 161, 219.	1.9	8
96	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. <i>Astronomical Journal</i> , 2021, 161, 82.	1.9	8
97	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022, 163, 99.	1.9	8
98	TOI-1670 b and c: An Inner Sub-Neptune with an Outer Warm Jupiter Unlikely to Have Originated from High-eccentricity Migration. <i>Astronomical Journal</i> , 2022, 163, 225.	1.9	8
99	Scaling K2. V. Statistical Validation of 60 New Exoplanets From K2 Campaigns 2018. <i>Astronomical Journal</i> , 2022, 163, 244.	1.9	8
100	A super-Earth orbiting near the inner edge of the habitable zone around the M4.5 dwarf Ross 508. <i>Publication of the Astronomical Society of Japan</i> , 2022, 74, 904-922.	1.0	8
101	A Radial Velocity Study of the Planetary System of $\epsilon$ Mensae: Improved Planet Parameters for $\epsilon$ Mensae c and a Third Planet on a 125 Day Orbit. <i>Astronomical Journal</i> , 2022, 163, 223.	1.9	7
102	MID-INFRARED IMAGING OF THE BIPOLAR PLANETARY NEBULA M2-9 FROM <i>SOFIA</i> . <i>Astrophysical Journal</i> , 2014, 780, 156.	1.6	6
103	TOI-220b: a warm sub-Neptune discovered by <i>TESS</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3361-3379.	1.6	6
104	The K2-OJOS Project: New and revisited planets and candidates in <i>K2</i> campaigns 5, 16, & 18. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1075-1095.	1.6	6
105	TOI-1749: an M dwarf with a Trio of Planets including a Near-resonant Pair. <i>Astronomical Journal</i> , 2021, 162, 167.	1.9	6
106	Nodal precession of WASP-33b for 11 yr by Doppler tomographic and transit photometric observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4404-4418.	1.6	6
107	TOI-1696: A Nearby M4 Dwarf with a 3 $R_{\oplus}$ Planet in the Neptunian Desert. <i>Astronomical Journal</i> , 2022, 163, 298.	1.9	6
108	TOI-2285b: A 1.7 Earth-radius planet near the habitable zone around a nearby M dwarf. <i>Publication of the Astronomical Society of Japan</i> , 2022, 74, L1-L8.	1.0	5

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109	K2-99 revisited: a non-inflated warm Jupiter, and a temperate giant planet on a 522-d orbit around a subgiant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5035-5049.	1.6	5
110	TOI-1268b: The youngest hot Saturn-mass transiting exoplanet. <i>Astronomy and Astrophysics</i> , 2022, 662, A107.	2.1	4
111	A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620. <i>Astronomical Journal</i> , 2022, 163, 269.	1.9	4
112	TESS Observations of Kepler Systems with Transit Timing Variations. <i>Astronomical Journal</i> , 2022, 164, 42.	1.9	4
113	An Improved Transit Measurement for a $2.4 R_{\text{J}}$ Planet Orbiting A Bright Mid-M Dwarf K2-28. <i>Astronomical Journal</i> , 2018, 155, 223.	1.9	3
114	TOI-2046b, TOI-1181b, and TOI-1516b, three new hot Jupiters from <i>TESS</i> : planets orbiting a young star, a subgiant, and a normal star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 5955-5972.	1.6	3
115	Temperate Super-Earths/Mini-Neptunes around M/K Dwarfs Consist of Two Populations Distinguished by Kepler and Spitzer Transit Depth Variations. <i>Astrophysical Journal</i> , 2019, 880, 64.	1.6	2
116	K2-280b – a low density warm sub-Saturn around a mildly evolved star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4423-4435.	1.6	2
117	SpiKeS: Precision Warm Spitzer Photometry of the Kepler Field. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 11.	3.0	2
118	Following the TraCS of exoplanets with Pan-Planets: Wendelstein-1b and Wendelstein-2b. <i>Astronomy and Astrophysics</i> , 2020, 639, A130.	2.1	2
119	Two temperate sub-Neptunes transiting the star EPIC 212737443. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 536-546.	1.6	1