

John H Livingston

List of Publications by Year in Descending Order

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110 papers	2,187 citations	25 h-index	42 g-index
119 ext. papers	2,896 ext. citations	5.2 avg, IF	4.31 L-index

#	Paper	IF	Citations
110	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022 , 163, 99	4.9	1
109	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	7.9	0
108	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	4.9	1
107	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	4.3	0
106	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	4.3	0
105	TOI-530b: a giant planet transiting an M-dwarf detected by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 511, 83-99	4.3	1
104	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	4.9	
103	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. <i>Astronomical Journal</i> , 2022 , 163, 207	4.9	2
102	A Radial Velocity Study of the Planetary System of [Mensae: Improved Planet Parameters for [Mensae c and a Third Planet on a 125 Day Orbit. <i>Astronomical Journal</i> , 2022 , 163, 223	4.9	0
101	Scaling K2. V. Statistical Validation of 60 New Exoplanets From K2 Campaigns 2018. <i>Astronomical Journal</i> , 2022 , 163, 254	4.9	1
100	An Aligned Orbit for the Young Planet V1298 Tau b. <i>Astronomical Journal</i> , 2022 , 163, 247	4.9	1
99	A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620. <i>Astronomical Journal</i> , 2022 , 163, 269	4.9	1
98	GJ 367b: A dense, ultrashort-period sub-Earth planet transiting a nearby red dwarf star. <i>Science</i> , 2021 , 374, 1271-1275	33.3	4
97	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	4.9	12
96	Physical Parameters of the Multiplanet Systems HD 106315 and GJ 9827* [<i>Astronomical Journal</i> , 2021 , 161, 47	4.9	4
95	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	4.9	7
94	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	4.3	3

93	A Search for Planetary Metastable Helium Absorption in the V1298 Tau System. <i>Astronomical Journal</i> , 2021 , 162, 222	4.9	3
92	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	5.1	3
91	Speckle Observations of TESS Exoplanet Host Stars: Understanding the Binary Exoplanet Host Star Orbital Period Distribution. <i>Astronomical Journal</i> , 2021 , 161, 164	4.9	10
90	K2-138 g: Spitzer Spots a Sixth Planet for the Citizen Science System. <i>Astronomical Journal</i> , 2021 , 161, 219	4.9	4
89	SpiKeS: Precision Warm Spitzer Photometry of the Kepler Field. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 254, 11	8	0
88	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	4.3	3
87	TOI-220 b: a warm sub-Neptune discovered by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 3361-3379	4.3	2
86	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	4.9	17
85	The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2021 , 645, A71	5.1	11
84	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	4.9	4
83	37 new validated planets in overlapping K2 campaigns. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 508, 195-218	4.3	3
82	TOI-674b: An oasis in the desert of exo-Neptunes transiting a nearby M dwarf. <i>Astronomy and Astrophysics</i> , 2021 , 653, A60	5.1	4
81	TOI-1749: an M dwarf with a Trio of Planets including a Near-resonant Pair. <i>Astronomical Journal</i> , 2021 , 162, 167	4.9	1
80	Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. <i>Astronomical Journal</i> , 2021 , 162, 161	4.9	4
79	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	4.9	3
78	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	5.1	7
77	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	4.9	11
76	K2-280 b is a low density warm sub-Saturn around a mildly evolved star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 4423-4435	4.3	1

75	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission. <i>Astronomical Journal</i> , 2020 , 159, 151	4.9	19
74	It Takes Two Planets in Resonance to Tango around K2-146. <i>Astronomical Journal</i> , 2020 , 159, 120	4.9	8
73	Mass determinations of the three mini-Neptunes transiting TOI-125. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 5399-5412	4.3	16
72	TOI-132 b: A short-period planet in the Neptune desert transiting a V ₁₃ 11.3 G-type star?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 973-985	4.3	14
71	MuSCAT3: a 4-color simultaneous camera for the 2m Faulkes Telescope North 2020 ,		8
70	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	4.9	6
69	The Multiplanet System TOI-421. <i>Astronomical Journal</i> , 2020 , 160, 114	4.9	10
68	Cluster Difference Imaging Photometric Survey. II. TOI 837: A Young Validated Planet in IC 2602. <i>Astronomical Journal</i> , 2020 , 160, 239	4.9	15
67	Following the TraCS of exoplanets with Pan-Planets: Wendelstein-1b and Wendelstein-2b. <i>Astronomy and Astrophysics</i> , 2020 , 639, A130	5.1	1
66	Three planets transiting the evolved star EPIC 249893012: a hot 8.8-M _J super-Earth and two warm 14.7 and 10.2-M _J sub-Neptunes. <i>Astronomy and Astrophysics</i> , 2020 , 636, A89	5.1	4
65	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020 , 644, A127	5.1	10
64	Obliquity measurement and atmospheric characterisation of the WASP-74 planetary system. <i>Astronomy and Astrophysics</i> , 2020 , 642, A50	5.1	6
63	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	4.3	9
62	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	5.1	13
61	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	4.3	3
60	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	5.1	10
59	The TOI-763 system: sub-Neptunes orbiting a Sun-like star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 4503-4517	4.3	5
58	LHS 1815b: The First Thick-disk Planet Detected by TESS. <i>Astronomical Journal</i> , 2020 , 159, 160	4.9	12

57	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	4.3	25
56	Two temperate sub-Neptunes transiting the star EPIC 212737443. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 536-546	4.3	1
55	The Transiting Multi-planet System HD15337: Two Nearly Equal-mass Planets Straddling the Radius Gap. <i>Astrophysical Journal Letters</i> , 2019 , 876, L24	7.9	21
54	Revisiting the HIP 41378 System with K2 and Spitzer. <i>Astronomical Journal</i> , 2019 , 157, 185	4.9	10
53	HD 219666 b: a hot-Neptune from TESS Sector 1. <i>Astronomy and Astrophysics</i> , 2019 , 623, A165	5.1	23
52	Spitzer Transit Follow-up of Planet Candidates from the K2 Mission. <i>Astronomical Journal</i> , 2019 , 157, 102	4.9	14
51	Age Determination in Upper Scorpius with Eclipsing Binaries. <i>Astrophysical Journal</i> , 2019 , 872, 161	4.7	51
50	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	5.1	8
49	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	5.1	10
48	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	4.9	21
47	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	4.3	9
46	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	4.7	2
45	Four Newborn Planets Transiting the Young Solar Analog V1298 Tau. <i>Astrophysical Journal Letters</i> , 2019 , 885, L12	7.9	45
44	Catalog of New K2 Exoplanet Candidates from Citizen Scientists. <i>Research Notes of the AAS</i> , 2019 , 3, 43	0.8	12
43	Greening of the brown-dwarf desert. <i>Astronomy and Astrophysics</i> , 2019 , 628, A64	5.1	14
42	K2-140b and K2-180b [Characterization of a hot Jupiter and a mini-Neptune from the K2 mission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 1807-1823	4.3	10
41	K2-264: a transiting multiplanet system in the Praesepe open cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 8-18	4.3	23
40	K2-288Bb: A Small Temperate Planet in a Low-mass Binary System Discovered by Citizen Scientists. <i>Astronomical Journal</i> , 2019 , 157, 40	4.9	12

39	Three Small Planets Transiting a Hyades Star. <i>Astronomical Journal</i> , 2018 , 155, 115	4.9	33
38	The K2-138 System: A Near-resonant Chain of Five Sub-Neptune Planets Discovered by Citizen Scientists. <i>Astronomical Journal</i> , 2018 , 155, 57	4.9	52
37	Exoplanets around Low-mass Stars Unveiled by K2. <i>Astronomical Journal</i> , 2018 , 155, 127	4.9	67
36	K2-155: A Bright Metal-poor M Dwarf with Three Transiting Super-Earths. <i>Astronomical Journal</i> , 2018 , 155, 124	4.9	29
35	275 Candidates and 149 Validated Planets Orbiting Bright Stars in K2 Campaigns 0-10. <i>Astronomical Journal</i> , 2018 , 155, 136	4.9	108
34	Planetary Candidates from K2 Campaign 16. <i>Astronomical Journal</i> , 2018 , 156, 22	4.9	20
33	44 Validated Planets from K2 Campaign 10. <i>Astronomical Journal</i> , 2018 , 156, 78	4.9	39
32	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	4.3	43
31	An Improved Transit Measurement for a 2.4 R _J Planet Orbiting A Bright Mid-M Dwarf K2-28. <i>Astronomical Journal</i> , 2018 , 155, 223	4.9	2
30	K2-141 b. <i>Astronomy and Astrophysics</i> , 2018 , 612, A95	5.1	31
29	A TESS Dress Rehearsal: Planetary Candidates and Variables from K2 Campaign 17. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 239, 5	8	18
28	TESS's first planet. <i>Astronomy and Astrophysics</i> , 2018 , 619, L10	5.1	63
27	Sixty Validated Planets from K2 Campaigns 5-8. <i>Astronomical Journal</i> , 2018 , 156, 277	4.9	35
26	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	4.9	8
25	Mass determination of the 1:3:5 near-resonant planets transiting GJ 9827 (K2-135). <i>Astronomy and Astrophysics</i> , 2018 , 618, A116	5.1	17
24	Super-Earth of 8 M _J in a 2.2-day orbit around the K5V star K2-216. <i>Astronomy and Astrophysics</i> , 2018 , 618, A33	5.1	20
23	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	4.3	16
22	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	4.3	19

21	MASS CONSTRAINTS OF THE WASP-47 PLANETARY SYSTEM FROM RADIAL VELOCITIES. <i>Astronomical Journal</i> , 2017 , 153, 70	4.9	39
20	Stellar and Planetary Parameters for K2's Late-type Dwarf Systems from C1 to C5. <i>Astrophysical Journal</i> , 2017 , 837, 72	4.7	18
19	The SEEDS High-Contrast Imaging Survey of Exoplanets Around Young Stellar Objects. <i>Astronomical Journal</i> , 2017 , 153, 106	4.9	55
18	SPITZER OBSERVATIONS CONFIRM AND RESCUE THE HABITABLE-ZONE SUPER-EARTH K2-18b FOR FUTURE CHARACTERIZATION. <i>Astrophysical Journal</i> , 2017 , 834, 187	4.7	78
17	Two Small Transiting Planets and a Possible Third Body Orbiting HD 106315. <i>Astronomical Journal</i> , 2017 , 153, 255	4.9	40
16	Three Super-Earths Transiting the Nearby Star GJ 9827. <i>Astronomical Journal</i> , 2017 , 154, 266	4.9	48
15	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. II. Planetary Systems Observed During Campaigns 1-7. <i>Astronomical Journal</i> , 2017 , 154, 207	4.9	78
14	The Discovery and Mass Measurement of a New Ultra-short-period Planet: K2-131b. <i>Astronomical Journal</i> , 2017 , 154, 226	4.9	57
13	K2-66b and K2-106b: Two Extremely Hot Sub-Neptune-size Planets with High Densities. <i>Astronomical Journal</i> , 2017 , 153, 271	4.9	47
12	The K2-ESPRINT project. VI. K2-105 b, a hot Neptune around a metal-rich G-dwarf. <i>Publication of the Astronomical Society of Japan</i> , 2017 , 69,	3.2	22
11	GROUND-BASED TRANSIT OBSERVATION OF THE HABITABLE-ZONE SUPER-EARTH K2-3D. <i>Astronomical Journal</i> , 2016 , 152, 171	4.9	25
10	A CHARACTERISTIC TRANSMISSION SPECTRUM DOMINATED BY H ₂ O APPLIES TO THE MAJORITY OF HST/WFC3 EXOPLANET OBSERVATIONS. <i>Astrophysical Journal</i> , 2016 , 823, 109	4.7	72
9	SPITZER OBSERVATIONS OF EXOPLANETS DISCOVERED WITH THE KEPLER K2 MISSION. <i>Astrophysical Journal</i> , 2016 , 822, 39	4.7	43
8	197 CANDIDATES AND 104 VALIDATED PLANETS IN K2 's FIRST FIVE FIELDS. <i>Astrophysical Journal Supplement Series</i> , 2016 , 226, 7	8	150
7	K2 DISCOVERS A BUSY BEE: AN UNUSUAL TRANSITING NEPTUNE FOUND IN THE BEEHIVE CLUSTER. <i>Astronomical Journal</i> , 2016 , 152, 223	4.9	70
6	PAH EMISSION AT THE BRIGHT LOCATIONS OF PDRs: THE grandPAH HYPOTHESIS. <i>Astrophysical Journal</i> , 2015 , 807, 99	4.7	59
5	MID-INFRARED IMAGING OF THE BIPOLAR PLANETARY NEBULA M2-9 FROM SOFIA. <i>Astrophysical Journal</i> , 2014 , 780, 156	4.7	6
4	SPITZER OBSERVATIONS OF HOTSPOTS IN RADIO LOBES. <i>Astrophysical Journal</i> , 2012 , 759, 86	4.7	25

3	Characterization of flight detector arrays for the wide-field infrared survey explorer 2008 ,	7
2	Zodiacal exoplanets in time (ZEIT) XIII: Planet orbits and atmospheres in the V1298τ Tau system, a keystone in studies of early planetary evolution. <i>Monthly Notices of the Royal Astronomical Society</i> ,	432
1	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> ,	4314