John H Livingston

List of Publications by Citations

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	197 CANDIDATES AND 104 VALIDATED PLANETS IN K2 ’s FIRST FIVE FIELDS. *Astrophysical Journal, Supplement Series*, **2016**, 226, 7	8	150
109	275 Candidates and 149 Validated Planets Orbiting Bright Stars inK2 Campaigns 0–10. *Astronomical Journal*, **2018**, 155, 136	4.9	108
108	SPITZEROBSERVATIONS CONFIRM AND RESCUE THE HABITABLE-ZONE SUPER-EARTH K2-18b FOR FUTURE CHARACTERIZATION. *Astrophysical Journal*, **2017**, 834, 187	4.7	78
107	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. II. Planetary Systems Observed During Campaigns 1–7. *Astronomical Journal*, **2017**, 154, 207	4.9	78
106	A CHARACTERISTIC TRANSMISSION SPECTRUM DOMINATED BY H2O APPLIES TO THE MAJORITY OFHST/WFC3 EXOPLANET OBSERVATIONS. *Astrophysical Journal*, **2016**, 823, 109	4.7	72
105	K2DISCOVERS A BUSY BEE: AN UNUSUAL TRANSITING NEPTUNE FOUND IN THE BEEHIVE CLUSTER. *Astronomical Journal*, **2016**, 152, 223	4.9	70
104	Exoplanets around Low-mass Stars Unveiled byK2. *Astronomical Journal*, **2018**, 155, 127	4.9	67
103	TESS’s first planet. *Astronomy and Astrophysics*, **2018**, 619, L10	5.1	63
102	PAH EMISSION AT THE BRIGHT LOCATIONS OF PDRs: THE grandPAH HYPOTHESIS. *Astrophysical Journal*, **2015**, 807, 99	4.7	59
101	The Discovery and Mass Measurement of a New Ultra-short-period Planet: K2-131b. *Astronomical Journal*, **2017**, 154, 226	4.9	57
100	The SEEDS High-Contrast Imaging Survey of Exoplanets Around Young Stellar Objects. *Astronomical Journal*, **2017**, 153, 106	4.9	55
99	The K2-138 System: A Near-resonant Chain of Five Sub-Neptune Planets Discovered by Citizen Scientists. *Astronomical Journal*, **2018**, 155, 57	4.9	52
98	Age Determination in Upper Scorpius with Eclipsing Binaries. *Astrophysical Journal*, **2019**, 872, 161	4.7	51
97	Three Super-Earths Transiting the Nearby Star GJ 9827. *Astronomical Journal*, **2017**, 154, 266	4.9	48
96	K2-66b and K2-106b: Two Extremely Hot Sub-Neptune-size Planets with High Densities. *Astronomical Journal*, **2017**, 153, 271	4.9	47
95	Four Newborn Planets Transiting the Young Solar Analog V1298 Tau. *Astrophysical Journal Letters*, **2019**, 885, L12	7.9	45
94	K2-137 b: an Earth-sized planet in a 4.3-h orbit around an M-dwarf. *Monthly Notices of the Royal Astronomical Society*, **2018**, 474, 5523-5533	4.3	43

93	SPITZEROBSERVATIONS OF EXOPLANETS DISCOVERED WITH THEKEPLERK2MISSION. *Astrophysical Journal*, **2016**, 822, 39	4.7	43
92	Two Small Transiting Planets and a Possible Third Body Orbiting HD 106315. *Astronomical Journal*, **2017**, 153, 255	4.9	40
91	MASS CONSTRAINTS OF THE WASP-47 PLANETARY SYSTEM FROM RADIAL VELOCITIES. *Astronomical Journal*, **2017**, 153, 70	4.9	39
90	44 Validated Planets from K2 Campaign 10. *Astronomical Journal*, **2018**, 156, 78	4.9	39
89	Sixty Validated Planets from K2 Campaigns 5–8. *Astronomical Journal*, **2018**, 156, 277	4.9	35
88	Three Small Planets Transiting a Hyades Star. *Astronomical Journal*, **2018**, 155, 115	4.9	33
87	K2-141 b. *Astronomy and Astrophysics*, **2018**, 612, A95	5.1	31
86	K2-155: A Bright Metal-poor M Dwarf with Three Transiting Super-Earths. *Astronomical Journal*, **2018**, 155, 124	4.9	29
85	Radial velocity confirmation of K2-100b: a young, highly irradiated, and low-density transiting hot Neptune. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 698-708	4.3	25
84	GROUND-BASED TRANSIT OBSERVATION OF THE HABITABLE-ZONE SUPER-EARTH K2-3D. *Astronomical Journal*, **2016**, 152, 171	4.9	25
83	SPITZEROBSERVATIONS OF HOTSPOTS IN RADIO LOBES. *Astrophysical Journal*, **2012**, 759, 86	4.7	25
82	HD 219666 b: a hot-Neptune from TESS Sector 1. *Astronomy and Astrophysics*, **2019**, 623, A165	5.1	23
81	K2-264: a transiting multiplanet system in the Praesepe open cluster. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 8-18	4.3	23
80	The K2-ESPRINT project. VI. K2-105 b, a hot Neptune around a metal-rich G-dwarf. *Publication of the Astronomical Society of Japan*, **2017**, 69,	3.2	22
79	The Transiting Multi-planet System HD15337: Two Nearly Equal-mass Planets Straddling the Radius Gap. *Astrophysical Journal Letters*, **2019**, 876, L24	7.9	21
78	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. *Astronomical Journal*, **2019**, 157, 97	4.9	21
77	Planetary Candidates from K2 Campaign 16. *Astronomical Journal*, **2018**, 156, 22	4.9	20
76	Super-Earth of 8 M? in a 2.2-day orbit around the K5V star K2-216. *Astronomy and Astrophysics*, **2018**, 618, A33	5.1	20

75	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission. *Astronomical Journal*, **2020**, 159, 151	4.9	19
74	HD 89345: a bright oscillating star hosting a transiting warm Saturn-sized planet observed by K2. *Monthly Notices of the Royal Astronomical Society*, **2018**, 478, 4866-4880	4.3	19
73	Stellar and Planetary Parameters for K2's Late-type Dwarf Systems from C1 to C5. *Astrophysical Journal*, **2017**, 837, 72	4.7	18
72	A TESS Dress Rehearsal: Planetary Candidates and Variables from K2 Campaign 17. *Astrophysical Journal, Supplement Series*, **2018**, 239, 5	8	18
71	WASP-107b's Density Is Even Lower: A Case Study for the Physics of Planetary Gas Envelope Accretion and Orbital Migration. *Astronomical Journal*, **2021**, 161, 70	4.9	17
70	Mass determination of the 1:3:5 near-resonant planets transiting GJ 9827 (K2-135). *Astronomy and Astrophysics*, **2018**, 618, A116	5.1	17
69	Mass determinations of the three mini-Neptunes transiting TOI-125. *Monthly Notices of the Royal Astronomical Society*, **2020**, 492, 5399-5412	4.3	16
68	K2-260 b: a hot Jupiter transiting an F star, and K2-261 b: a warm Saturn around a bright G star. *Monthly Notices of the Royal Astronomical Society*, **2018**, 481, 596-612	4.3	16
67	Cluster Difference Imaging Photometric Survey. II. TOI 837: A Young Validated Planet in IC 2602. *Astronomical Journal*, **2020**, 160, 239	4.9	15
66	Spitzer Transit Follow-up of Planet Candidates from the K2 Mission. *Astronomical Journal*, **2019**, 157, 102	4.9	14
65	TOI-132 b: A short-period planet in the Neptune desert transiting a V = 11.3 G-type star?. *Monthly Notices of the Royal Astronomical Society*, **2020**, 493, 973-985	4.3	14
64	Greening of the brown-dwarf desert. *Astronomy and Astrophysics*, **2019**, 628, A64	5.1	14
63	Masses and compositions of three small planets orbiting the nearby M dwarf L231-32 (TOI-270) and the M dwarf radius valley. *Monthly Notices of the Royal Astronomical Society*,	4.3	14
62	Precise mass and radius of a transiting super-Earth planet orbiting the M dwarf TOI-1235: a planet in the radius gap?. *Astronomy and Astrophysics*, **2020**, 639, A132	5.1	13
61	Transmission Spectroscopy for the Warm Sub-Neptune HD 3167c: Evidence for Molecular Absorption and a Possible High-metallicity Atmosphere. *Astronomical Journal*, **2021**, 161, 18	4.9	12
60	Catalog of New K2 Exoplanet Candidates from Citizen Scientists. *Research Notes of the AAS*, **2019**, 3, 43	0.8	12
59	K2-288Bb: A Small Temperate Planet in a Low-mass Binary System Discovered by Citizen Scientists. *Astronomical Journal*, **2019**, 157, 40	4.9	12
58	LHS 1815b: The First Thick-disk Planet Detected by TESS. *Astronomical Journal*, **2020**, 159, 160	4.9	12

57	The GAPS Programme at TNG. *Astronomy and Astrophysics*, **2021**, 645, A71	5.1	11
56	TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the PiscesEridanus Stream. *Astronomical Journal*, **2021**, 161, 65	4.9	11
55	Revisiting the HIP 41378 System with K2 and Spitzer. *Astronomical Journal*, **2019**, 157, 185	4.9	10
54	Detection and Doppler monitoring of K2-285 (EPIC 246471491), a system of four transiting planets smaller than Neptune. *Astronomy and Astrophysics*, **2019**, 623, A41	5.1	10
53	The Multiplanet System TOI-421. *Astronomical Journal*, **2020**, 160, 114	4.9	10
52	The CARMENES search for exoplanets around M dwarfs. *Astronomy and Astrophysics*, **2020**, 644, A127	5.1	10
51	Discovery of a hot, transiting, Earth-sized planet and a second temperate, non-transiting planet around the M4 dwarf GJ 3473 (TOI-488). *Astronomy and Astrophysics*, **2020**, 642, A236	5.1	10
50	Speckle Observations of TESS Exoplanet Host Stars: Understanding the Binary Exoplanet Host Star Orbital Period Distribution. *Astronomical Journal*, **2021**, 161, 164	4.9	10
49	K2-140b and K2-180b Characterization of a hot Jupiter and a mini-Neptune from theK2mission. *Monthly Notices of the Royal Astronomical Society*, **2019**, 482, 1807-1823	4.3	10
48	K2-290: a warm Jupiter and a mini-Neptune in a triple-star system. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 3522-3536	4.3	9
47	An enhanced slope in the transmission spectrum of the hot Jupiter WASP-104b. *Monthly Notices of the Royal Astronomical Society*, **2020**, 500, 5420-5435	4.3	9
46	Detection and characterization of an ultra-dense sub-Neptunian planet orbiting the Sun-like star K2-292. *Astronomy and Astrophysics*, **2019**, 623, A114	5.1	8
45	It Takes Two Planets in Resonance to Tango around K2-146. *Astronomical Journal*, **2020**, 159, 120	4.9	8
44	MuSCAT3: a 4-color simultaneous camera for the 2m Faulkes Telescope North **2020**,		8
43	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. III. A High Mass and Low Envelope Fraction for the Warm Neptune K2-55b. *Astronomical Journal*, **2018**, 156, 70	4.9	8
42	Characterization of flight detector arrays for the wide-field infrared survey explorer **2008**,		7
41	H-alpha and Ca ii Infrared Triplet Variations During a Transit of the 23 Myr Planet V1298 Tau c. *Astronomical Journal*, **2021**, 162, 213	4.9	7
40	A planetary system with two transiting mini-Neptunes near the radius valley transition around the bright M dwarf TOI-776. *Astronomy and Astrophysics*, **2021**, 645, A41	5.1	7

39	MID-INFRARED IMAGING OF THE BIPOLAR PLANETARY NEBULA M2-9 FROMSOFIA. *Astrophysical Journal*, **2014**, 780, 156	4.7	6
38	K2-19b and c are in a 3:2 Commensurability but out of Resonance: A Challenge to Planet Assembly by Convergent Migration. *Astronomical Journal*, **2020**, 159, 2	4.9	6
37	Obliquity measurement and atmospheric characterisation of the WASP-74 planetary system. *Astronomy and Astrophysics*, **2020**, 642, A50	5.1	6
36	The TOI-763 system: sub-Neptunes orbiting a Sun-like star. *Monthly Notices of the Royal Astronomical Society*, **2020**, 498, 4503-4517	4.3	5
35	GJ 367b: A dense, ultrashort-period sub-Earth planet transiting a nearby red dwarf star. *Science*, **2021**, 374, 1271-1275	33.3	4
34	Physical Parameters of the Multiplanet Systems HD 106315 and GJ 9827* □ *Astronomical Journal*, **2021**, 161, 47	4.9	4
33	Three planets transiting the evolved star EPIC 249893012: a hot 8.8-M? super-Earth and two warm 14.7 and 10.2-M? sub-Neptunes. *Astronomy and Astrophysics*, **2020**, 636, A89	5.1	4
32	K2-138 g: Spitzer Spots a Sixth Planet for the Citizen Science System. *Astronomical Journal*, **2021**, 161, 219	4.9	4
31	A Multiwavelength Look at the GJ 9827 System: No Evidence of Extended Atmospheres in GJ 9827b and d from HST and CARMENES Data. *Astronomical Journal*, **2021**, 161, 136	4.9	4
30	TOI-674b: An oasis in the desert of exo-Neptunes transiting a nearby M dwarf. *Astronomy and Astrophysics*, **2021**, 653, A60	5.1	4
29	Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions*. *Astronomical Journal*, **2021**, 162, 161	4.9	4
28	Is the orbit of the exoplanet WASP-43b really decaying? TESS and MuSCAT2 observations confirm no detection. *Monthly Notices of the Royal Astronomical Society*, **2021**, 508, 5514-5523	4.3	3
27	A Search for Planetary Metastable Helium Absorption in the V1298 Tau System. *Astronomical Journal*, **2021**, 162, 222	4.9	3
26	TOI-519 b: A short-period substellar object around an M dwarf validated using multicolour photometry and phase curve analysis. *Astronomy and Astrophysics*, **2021**, 645, A16	5.1	3
25	Planetary candidates transiting cool dwarf stars from campaigns 12 to 15 of K2. *Monthly Notices of the Royal Astronomical Society*, **2020**, 499, 5416-5441	4.3	3
24	Hot planets around cool stars □two short-period mini-Neptunes transiting the late K-dwarf TOI-1260. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 4684-4701	4.3	3
23	37 new validated planets in overlapping K2 campaigns. *Monthly Notices of the Royal Astronomical Society*, **2021**, 508, 195-218	4.3	3
22	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. *Astronomical Journal*, **2021**, 161, 82	4.9	3

21	Temperate Super-Earths/Mini-Neptunes around M/K Dwarfs Consist of Two Populations Distinguished by Kepler and Spitzer Transit Depth Variations. *Astrophysical Journal*, **2019**, 880, 64	4.7	2
20	Zodiacal exoplanets in time (ZEIT) XIII: Planet orbits and atmospheres in the V1298 Tau system, a keystone in studies of early planetary evolution. *Monthly Notices of the Royal Astronomical Society*,	4.3	2
19	TOI-220 b: a warm sub-Neptune discovered by TESS. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 3361-3379	4.3	2
18	An Improved Transit Measurement for a 2.4 R ? Planet Orbiting A Bright Mid-M Dwarf K2 8. *Astronomical Journal*, **2018**, 155, 223	4.9	2
17	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. *Astronomical Journal*, **2022**, 163, 207	4.9	2
16	Two temperate sub-Neptunes transiting the star EPIC 212737443. *Monthly Notices of the Royal Astronomical Society*, **2019**, 488, 536-546	4.3	1
15	K2-280 b a low density warm sub-Saturn around a mildly evolved star. *Monthly Notices of the Royal Astronomical Society*, **2020**, 497, 4423-4435	4.3	1
14	Validation of 13 Hot and Potentially Terrestrial TESS Planets. *Astronomical Journal*, **2022**, 163, 99	4.9	1
13	HATS-74Ab, HATS-75b, HATS-76b, and HATS-77b: Four Transiting Giant Planets Around K and M Dwarfs*. *Astronomical Journal*, **2022**, 163, 125	4.9	1
12	Following the TraCS of exoplanets with Pan-Planets: Wendelstein-1b and Wendelstein-2b. *Astronomy and Astrophysics*, **2020**, 639, A130	5.1	1
11	TOI-1749: an M dwarf with a Trio of Planets including a Near-resonant Pair. *Astronomical Journal*, **2021**, 162, 167	4.9	1
10	TOI-530b: a giant planet transiting an M-dwarf detected by TESS. *Monthly Notices of the Royal Astronomical Society*, **2022**, 511, 83-99	4.3	1
9	Scaling K2. V. Statistical Validation of 60 New Exoplanets From K2 Campaigns 2 8. *Astronomical Journal*, **2022**, 163, 254	4.9	1
8	An Aligned Orbit for the Young Planet V1298 Tau b. *Astronomical Journal*, **2022**, 163, 247	4.9	1
7	A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620. *Astronomical Journal*, **2022**, 163, 269	4.9	1
6	V1298 Tau with TESS: Updated Ephemerides, Radii, and Period Constraints from a Second Transit of V1298 Tau e. *Astrophysical Journal Letters*, **2022**, 925, L2	7.9	0
5	SpiKeS: Precision Warm Spitzer Photometry of the Kepler Field. *Astrophysical Journal, Supplement Series*, **2021**, 254, 11	8	0
4	Nodal precession of WASP-33b for 11 yr by Doppler tomographic and transit photometric observations. *Monthly Notices of the Royal Astronomical Society*, **2022**, 512, 4404-4418	4.3	0

3	K2-99 revisited: a non-inflated warm Jupiter, and a temperate giant planet on a 522-d orbit around a subgiant. *Monthly Notices of the Royal Astronomical Society*, **2022**, 510, 5035-5049	4.3	0
2	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. *Astronomical Journal*, **2022**, 163, 223	4.9	0
1	TOI-1670 b and c: An Inner Sub-Neptune with an Outer Warm Jupiter Unlikely to Have Originated from High-eccentricity Migration. *Astronomical Journal*, **2022**, 163, 225	4.9	