

Ryan Cloutier

List of Publications by Year in descending order

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papers

911
citations

430754

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31
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31
times ranked

1236
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of the Radius Valley around Low-mass Stars from Kepler and K2. <i>Astronomical Journal</i> , 2020, 159, 211.	1.9	91
2	A Second Terrestrial Planet Orbiting the Nearby M Dwarf LHS 1140. <i>Astronomical Journal</i> , 2019, 157, 32.	1.9	83
3	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. <i>Astronomical Journal</i> , 2020, 160, 116.	1.9	67
4	A Pair of TESS Planets Spanning the Radius Valley around the Nearby Mid-M Dwarf LTT 3780. <i>Astronomical Journal</i> , 2020, 160, 3.	1.9	62
5	Investigating the young AU Mic system with SPIRou: large-scale stellar magnetic field and close-in planet mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 188-205.	1.6	57
6	Quantifying the Bayesian Evidence for a Planet in Radial Velocity Data. <i>Astronomical Journal</i> , 2020, 159, 73.	1.9	42
7	ON THE RADIAL VELOCITY DETECTION OF ADDITIONAL PLANETS IN TRANSITING, SLOWLY ROTATING M-DWARF SYSTEMS: THE CASE OF GJ 1132. <i>Astronomical Journal</i> , 2017, 153, 9.	1.9	37
8	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
9	TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. <i>Astronomical Journal</i> , 2020, 160, 22.	1.9	33
10	The TESS-Keck Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras*. <i>Astronomical Journal</i> , 2020, 159, 241.	1.9	32
11	GJ 1252 b: A 1.2 R_{\oplus} Planet Transiting an M3 Dwarf at 20.4 pc. <i>Astrophysical Journal Letters</i> , 2020, 890, L7.	3.0	31
12	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
13	The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. <i>Astronomical Journal</i> , 2020, 160, 117.	1.9	29
14	Prospects for detecting the Rossiter-McLaughlin effect of Earth-like planets: the test case of TRAPPIST-1b and c. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 4018-4027.	1.6	28
15	A More Precise Mass for GJ 1214 b and the Frequency of Multiplanet Systems Around Mid-M Dwarfs. <i>Astronomical Journal</i> , 2021, 162, 174.	1.9	26
16	TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley. <i>Astronomical Journal</i> , 2021, 162, 79.	1.9	25
17	A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds. <i>Astronomical Journal</i> , 2022, 163, 168.	1.9	23
18	Quantifying the Observational Effort Required for the Radial Velocity Characterization of TESS Planets. <i>Astronomical Journal</i> , 2018, 156, 82.	1.9	22

#	ARTICLE	IF	CITATIONS
19	Characterizing Exoplanetary Atmospheres at High Resolution with SPIRou: Detection of Water on HD 189733 b. <i>Astronomical Journal</i> , 2021, 162, 233.	1.9	20
20	TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2782-2803.	1.6	19
21	The Magellan-TESS Survey. I. Survey Description and Midsurvey Results* â€. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 33.	3.0	19
22	TOI 540 b: A Planet Smaller than Earth Orbiting a Nearby Rapidly Rotating Low-mass Star. <i>Astronomical Journal</i> , 2021, 161, 23.	1.9	16
23	COULD JUPITER OR SATURN HAVE EJECTED A FIFTH GIANT PLANET?. <i>Astrophysical Journal</i> , 2015, 813, 8.	1.6	14
24	TESS Discovery of a Super-Earth and Three Sub-Neptunes Hosted by the Bright, Sun-like Star HD 108236. <i>Astronomical Journal</i> , 2021, 161, 85.	1.9	13
25	TESS Giants Transiting Giants. I.: A Noninflated Hot Jupiter Orbiting a Massive Subgiant. <i>Astronomical Journal</i> , 2022, 163, 53.	1.9	12
26	Predictions of Planet Detections with Near-infrared Radial Velocities in the Upcoming SPIRou Legacy Survey-planet Search. <i>Astronomical Journal</i> , 2018, 155, 93.	1.9	11
27	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
28	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022, 163, 99.	1.9	8
29	The Independent Discovery of Planet Candidates around Low-mass Stars and Astrophysical False Positives from the First Two <i>TESS</i> Sectors. <i>Astronomical Journal</i> , 2019, 158, 81.	1.9	7
30	The LHS 1678 System: Two Earth-sized Transiting Planets and an Astrometric Companion Orbiting an M Dwarf Near the Convective Boundary at 20 pc. <i>Astronomical Journal</i> , 2022, 163, 151.	1.9	6
31	Transit timings variations in the three-planet system: TOI-270. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5464-5485.	1.6	6