

Ryan Cloutier

List of Publications by Citations

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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.

30
papers

437
citations

13
h-index

20
g-index

31
ext. papers

684
ext. citations

5
avg, IF

4.15
L-index

#	Paper	IF	Citations
30	A Second Terrestrial Planet Orbiting the Nearby M Dwarf LHS 1140. <i>Astronomical Journal</i> , 2019 , 157, 32	4.9	58
29	Evolution of the Radius Valley around Low-mass Stars from Kepler and K2. <i>Astronomical Journal</i> , 2020 , 159, 211	4.9	51
28	A Pair of TESS Planets Spanning the Radius Valley around the Nearby Mid-M Dwarf LTT 3780. <i>Astronomical Journal</i> , 2020 , 160, 3	4.9	35
27	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	4.9	31
26	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. <i>Astronomical Journal</i> , 2020 , 160, 116	4.9	30
25	Quantifying the Bayesian Evidence for a Planet in Radial Velocity Data. <i>Astronomical Journal</i> , 2020 , 159, 73	4.9	27
24	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	4.3	23
23	TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. <i>Astronomical Journal</i> , 2020 , 160, 22	4.9	19
22	GJ 1252 b: A 1.2 R _⊕ Planet Transiting an M3 Dwarf at 20.4 pc. <i>Astrophysical Journal Letters</i> , 2020 , 890, L7	7.9	18
21	Quantifying the Observational Effort Required for the Radial Velocity Characterization of TESS Planets. <i>Astronomical Journal</i> , 2018 , 156, 82	4.9	18
20	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	4.3	17
19	The TESS Beek Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras. <i>Astronomical Journal</i> , 2020 , 159, 241	4.9	16
18	The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. <i>Astronomical Journal</i> , 2020 , 160, 117	4.9	15
17	COULD JUPITER OR SATURN HAVE EJECTED A FIFTH GIANT PLANET?. <i>Astrophysical Journal</i> , 2015 , 813, 8	4.7	13
16	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
15	The Magellan-TESS Survey. I. Survey Description and Midsurvey Results* <i>Astrophysical Journal Supplement Series</i> , 2021 , 256, 33	8	9
14	Predictions of Planet Detections with Near-infrared Radial Velocities in the Upcoming SPIRou Legacy Survey-planet Search. <i>Astronomical Journal</i> , 2018 , 155, 93	4.9	8

13	The Independent Discovery of Planet Candidates around Low-mass Stars and Astrophysical False Positives from the First Two TESS Sectors. <i>Astronomical Journal</i> , 2019 , 158, 81	4.9	6
12	TOI 540 b: A Planet Smaller than Earth Orbiting a Nearby Rapidly Rotating Low-mass Star. <i>Astronomical Journal</i> , 2021 , 161, 23	4.9	5
11	TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley. <i>Astronomical Journal</i> , 2021 , 162, 79	4.9	5
10	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	4.9	4
9	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	4.3	3
8	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
7	TESS Giants Transiting Giants. I.: A Noninflated Hot Jupiter Orbiting a Massive Subgiant. <i>Astronomical Journal</i> , 2022 , 163, 53	4.9	2
6	Characterizing Exoplanetary Atmospheres at High Resolution with SPIRou: Detection of Water on HD 189733 b. <i>Astronomical Journal</i> , 2021 , 162, 233	4.9	2
5	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	4.9	2
4	A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds. <i>Astronomical Journal</i> , 2022 , 163, 168	4.9	2
3	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022 , 163, 99	4.9	1
2	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	4.9	0
1	Transit timings variations in the three-planet system: TOI-270. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 510, 5464-5485	4.3	0