

David Ciardi

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

10,689
citations

172386

29
h-index

106281

65
g-index

67
all docs

67
docs citations

67
times ranked

6784
citing authors

#	ARTICLE	IF	CITATIONS
1	Kepler Planet-Detection Mission: Introduction and First Results. <i>Science</i> , 2010, 327, 977-980.	6.0	2,848
2	The Palomar Transient Factory: System Overview, Performance, and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 1395-1408.	1.0	900
3	PLANET OCCURRENCE WITHIN 0.25 AU OF SOLAR-TYPE STARS FROM <i>KEPLER</i> . <i>Astrophysical Journal, Supplement Series</i> , 2012, 201, 15.	3.0	871
4	CHARACTERISTICS OF PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> . II. ANALYSIS OF THE FIRST FOUR MONTHS OF DATA. <i>Astrophysical Journal</i> , 2011, 736, 19.	1.6	859
5	Exploring the Optical Transient Sky with the Palomar Transient Factory. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 1334-1351.	1.0	618
6	ARCHITECTURE AND DYNAMICS OF <i>KEPLER</i> 'S CANDIDATE MULTIPLE TRANSITING PLANET SYSTEMS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 8.	3.0	593
7	<i>KEPLER</i> 'S FIRST ROCKY PLANET: KEPLER-10b. <i>Astrophysical Journal</i> , 2011, 729, 27.	1.6	473
8	STELLAR DIAMETERS AND TEMPERATURES. II. MAIN-SEQUENCE K- AND M-STARS. <i>Astrophysical Journal</i> , 2012, 757, 112.	1.6	457
9	MASSES, RADII, AND ORBITS OF SMALL <i>KEPLER</i> PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 20.	3.0	418
10	CHARACTERISTICS OF <i>KEPLER</i> PLANETARY CANDIDATES BASED ON THE FIRST DATA SET. <i>Astrophysical Journal</i> , 2011, 728, 117.	1.6	313
11	Observations of Transiting Exoplanets with the James Webb Space Telescope (<i>JWST</i>). <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 1134-1173.	1.0	245
12	Kepler-22b: A 2.4 EARTH-RADIUS PLANET IN THE HABITABLE ZONE OF A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2012, 745, 120.	1.6	218
13	Kepler-62: A Five-Planet System with Planets of 1.4 and 1.6 Earth Radii in the Habitable Zone. <i>Science</i> , 2013, 340, 587-590.	6.0	213
14	A sub-Mercury-sized exoplanet. <i>Nature</i> , 2013, 494, 452-454.	13.7	193
15	275 Candidates and 149 Validated Planets Orbiting Bright Stars in K2 Campaigns 0â€“10. <i>Astronomical Journal</i> , 2018, 155, 136.	1.9	141
16	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. <i>Astronomical Journal</i> , 2019, 158, 32.	1.9	93
17	DISCOVERY AND ATMOSPHERIC CHARACTERIZATION OF GIANT PLANET KEPLER-12b: AN INFLATED RADIUS OUTLIER. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 9.	3.0	82
18	K2-136: A Binary System in the Hyades Cluster Hosting a Neptune-sized Planet. <i>Astronomical Journal</i> , 2018, 155, 10.	1.9	80

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19	Scaling K^2 . I. Revised Parameters for 222,088 K^2 Stars and a K^2 Planet Radius Valley at $1.9 R_{\oplus}$. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 28.	3.0	72
20	A SUPER-EARTH-SIZED PLANET ORBITING IN OR NEAR THE HABITABLE ZONE AROUND A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2013, 768, 101.	1.6	70
21	ROTATION IN THE PLEIADES WITH K2. III. SPECULATIONS ON ORIGINS AND EVOLUTION. <i>Astronomical Journal</i> , 2016, 152, 115.	1.9	68
22	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
23	KELT-19Ab: A 4.6 -day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion. <i>Astronomical Journal</i> , 2018, 155, 35.	1.9	61
24	SPITZER OBSERVATIONS OF EXOPLANETS DISCOVERED WITH THE KEPLER K2 MISSION. <i>Astrophysical Journal</i> , 2016, 822, 39.	1.6	48
25	K2-114b and K2-115b: Two Transiting Warm Jupiters. <i>Astronomical Journal</i> , 2017, 154, 188.	1.9	36
26	Design and Construction of Absorption Cells for Precision Radial Velocities in the K -Band Using Methane Isotopologues. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 586-597.	1.0	35
27	Speckle Observations of TESS Exoplanet Host Stars. II. Stellar Companions at $1 \leq 1000$ au and Implications for Small Planet Detection. <i>Astronomical Journal</i> , 2021, 162, 75.	1.9	35
28	Near-resonance in a System of Sub-Neptunes from TESS. <i>Astronomical Journal</i> , 2019, 158, 177.	1.9	34
29	HD 2685 b : a hot Jupiter orbiting an early F-type star detected by TESS. <i>Astronomy and Astrophysics</i> , 2019, 625, A16.	2.1	33
30	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
31	Precise Radial Velocities of Cool Low-mass Stars with iSHELL. <i>Astronomical Journal</i> , 2019, 158, 170.	1.9	31
32	Utilizing Small Telescopes Operated by Citizen Scientists for Transiting Exoplanet Follow-up. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 054401.	1.0	31
33	The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and Its Siblings Transiting the Galactic Thick-disk Star TOI-561. <i>Astronomical Journal</i> , 2021, 161, 56.	1.9	30
34	Understanding the Impacts of Stellar Companions on Planet Formation and Evolution: A Survey of Stellar and Planetary Companions within 25 pc. <i>Astronomical Journal</i> , 2021, 161, 134.	1.9	29
35	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
36	KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*. <i>Astronomical Journal</i> , 2020, 160, 111.	1.9	26

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37	A Closer Look at Exoplanet Occurrence Rates: Considering the Multiplicity of Stars without Detected Planets. <i>Astronomical Journal</i> , 2020, 160, 287.	1.9	25
38	Three Small Planets Transiting the Bright Young Field Star K2-233. <i>Astronomical Journal</i> , 2018, 155, 222.	1.9	21
39	THE PTI CARBON STAR ANGULAR SIZE SURVEY: EFFECTIVE TEMPERATURES AND NON-SPHERICITY. <i>Astrophysical Journal</i> , 2013, 775, 45.	1.6	20
40	Detecting Unresolved Binaries in TESS Data with Speckle Imaging. <i>Astronomical Journal</i> , 2019, 157, 211.	1.9	19
41	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
42	Revisiting the HIP 41378 System with K2 and Spitzer. <i>Astronomical Journal</i> , 2019, 157, 185.	1.9	18
43	Scaling K2. II. Assembly of a Fully Automated C5 Planet Candidate Catalog Using EDI-Vetter. <i>Astronomical Journal</i> , 2020, 159, 154.	1.9	18
44	Catalog of New K2 Exoplanet Candidates from Citizen Scientists. <i>Research Notes of the AAS</i> , 2019, 3, 43.	0.3	16
45	TKS X: Confirmation of TOI-1444b and a Comparative Analysis of the Ultra-short-period Planets with Hot Neptunes. <i>Astronomical Journal</i> , 2021, 162, 62.	1.9	15
46	TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. <i>Astronomical Journal</i> , 2021, 162, 87.	1.9	13
47	Scaling K2. III. Comparable Planet Occurrence in the FGK Samples of Campaign 5 and Kepler. <i>Astronomical Journal</i> , 2020, 160, 94.	1.9	13
48	Kepler-167e as a Probe of the Formation Histories of Cold Giants with Inner Super-Earths. <i>Astrophysical Journal</i> , 2022, 926, 62.	1.6	13
49	INGRID: A near-infrared camera for the William Herschel Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 345, 395-405.	1.6	12
50	PHOTO-REVERBERATION MAPPING OF A PROTOPLANETARY ACCRETION DISK AROUND A T TAURI STAR. <i>Astrophysical Journal</i> , 2016, 823, 58.	1.6	10
51	Ultra-short-period Planets in K2. III. Neighbors are Common with 13 New Multiplanet Systems and 10 Newly Validated Planets in Campaigns 8 and 10. <i>Planetary Science Journal</i> , 2021, 2, 152.	1.5	9
52	A Dearth of Close-in Stellar Companions to M-dwarf TESS Objects of Interest. <i>Astronomical Journal</i> , 2022, 163, 232.	1.9	9
53	K2-138 g: Spitzer Spots a Sixth Planet for the Citizen Science System. <i>Astronomical Journal</i> , 2021, 161, 219.	1.9	8
54	Direct Measurements of Giant Star Effective Temperatures and Linear Radii: Calibration against Spectral Types and V - K Color. <i>Astrophysical Journal</i> , 2021, 922, 163.	1.6	8

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55	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022, 163, 99.	1.9	8
56	Scaling K2. V. Statistical Validation of 60 New Exoplanets From K2 Campaigns 2011–18. <i>Astronomical Journal</i> , 2022, 163, 244.	1.9	8
57	The POKEMON Speckle Survey of Nearby M Dwarfs. I. New Discoveries. <i>Astronomical Journal</i> , 2022, 164, 33.	1.9	7
58	A 2.4 R _{jup} Planet Orbiting the Bright Nearby K Dwarf Wolf 503. <i>Astronomical Journal</i> , 2018, 156, 188.	1.9	4
59	An Asymmetric Eclipse Seen toward the Pre-main-sequence Binary System V928 Tau. <i>Astronomical Journal</i> , 2020, 160, 285.	1.9	4
60	Another Superdense Sub-Neptune in K2-182 b and Refined Mass Measurements for K2-199 b and c*. <i>Astronomical Journal</i> , 2021, 162, 294.	1.9	4
61	An Improved Transit Measurement for a 2.4 R _{jup} Planet Orbiting A Bright Mid-M Dwarf K2-28. <i>Astronomical Journal</i> , 2018, 155, 223.	1.9	3
62	Application of the Trend Filtering Algorithm for Photometric Time Series Data. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 084504.	1.0	2
63	SpiKeS: Precision Warm Spitzer Photometry of the Kepler Field. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 11.	3.0	2
64	HST/FGS Trigonometric Parallaxes of M-dwarf Eclipsing Binaries. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 054201.	1.0	1
65	Precise Near-Infrared Radial Velocities. <i>Proceedings of the International Astronomical Union</i> , 2015, 10, 286-287.	0.0	0
66	Determining Which Binary Component Hosts the TESS Transiting Planet. <i>Astronomical Journal</i> , 2022, 164, 56.	1.9	0