

Carl Ziegler

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2691406/carl-ziegler-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

69

papers

1,518

citations

24

h-index

37

g-index

73

ext. papers

2,067

ext. citations

5.7

avg, IF

4.29

L-index

#	Paper	IF	Citations
69	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022 , 163, 99	4.9	1
68	NEID Rossiter-McLaughlin Measurement of TOI-1268b: A Young Warm Saturn Aligned with Its Cool Host Star. <i>Astrophysical Journal Letters</i> , 2022 , 926, L7	7.9	1
67	An Adaptive Optics Census of Companions to Northern Stars Within 25 pc with Robo-AO. <i>Astronomical Journal</i> , 2022 , 163, 200	4.9	0
66	A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions. <i>Astronomical Journal</i> , 2022 , 163, 207	4.9	2
65	Scaling K2. V. Statistical Validation of 60 New Exoplanets From K2 Campaigns 2013-2018. <i>Astronomical Journal</i> , 2022 , 163, 254	4.9	1
64	Two Young Planetary Systems around Field Stars with Ages between 20 and 320 Myr from TESS. <i>Astronomical Journal</i> , 2021 , 161, 2	4.9	18
63	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
62	TOI 122b and TOI 237b: Two Small Warm Planets Orbiting Inactive M Dwarfs Found by TESS. <i>Astronomical Journal</i> , 2021 , 161, 13	4.9	6
61	SOAR TESS Survey. II. The Impact of Stellar Companions on Planetary Populations. <i>Astronomical Journal</i> , 2021 , 162, 192	4.9	7
60	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 3704-3722	4.3	17
59	Precise Transit and Radial-velocity Characterization of a Resonant Pair: The Warm Jupiter TOI-216c and Eccentric Warm Neptune TOI-216b. <i>Astronomical Journal</i> , 2021 , 161, 161	4.9	6
58	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , 2021 , 161, 194	4.9	5
57	TOI-1259Ab is a gas giant planet with 2.7 per cent deep transits and a bound white dwarf companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 4132-4148	4.3	1
56	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	4.9	11
55	TOI-811b and TOI-852b: New Transiting Brown Dwarfs with Similar Masses and Very Different Radii and Ages from the TESS Mission. <i>Astronomical Journal</i> , 2021 , 161, 97	4.9	13
54	Robo-AO and SOAR High-Resolution Surveys of Exoplanet Hosting Stars. <i>Frontiers in Astronomy and Space Sciences</i> , 2021 , 8,	3.8	1
53	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

52	TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. <i>Astronomical Journal</i> , 2021 , 162, 87	4.9	4
51	HD 183579b: a warm sub-Neptune transiting a solar twin detected by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 2220-2240	4.3	1
50	Ultra-short-period Planets in K2. III. Neighbors are Common with 13 New Multiplanet Systems and 10 Newly Validated Planets in Campaigns 08 and 10. <i>Planetary Science Journal</i> , 2021 , 2, 152	2.9	4
49	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
48	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
47	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
46	TOI-1338: TESS First Transiting Circumbinary Planet. <i>Astronomical Journal</i> , 2020 , 159, 253	4.9	28
45	TESS Hunt for Young and Maturing Exoplanets (THYME). II. A 17 Myr Old Transiting Hot Jupiter in the Sco-Cen Association. <i>Astronomical Journal</i> , 2020 , 160, 33	4.9	32
44	TOI-677b: A Warm Jupiter (P= 11.2 days) on an Eccentric Orbit Transiting a Late F-type Star. <i>Astronomical Journal</i> , 2020 , 159, 145	4.9	18
43	A remnant planetary core in the hot-Neptune desert. <i>Nature</i> , 2020 , 583, 39-42	50.4	37
42	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
41	SOAR TESS Survey. I. Sculpting of TESS Planetary Systems by Stellar Companions. <i>Astronomical Journal</i> , 2020 , 159, 19	4.9	77
40	TOI-132 b: A short-period planet in the Neptune desert transiting a $V_{\text{eff}} = 11.3$ G-type star?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 973-985	4.3	14
39	Robo-AO M-dwarf Multiplicity Survey: Catalog. <i>Astronomical Journal</i> , 2020 , 159, 139	4.9	10
38	TIC 278956474: Two Close Binaries in One Young Quadruple System Identified by TESS. <i>Astronomical Journal</i> , 2020 , 160, 76	4.9	8
37	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	4.9	12
36	TESS Reveals a Short-period Sub-Neptune Sibling (HD 86226c) to a Known Long-period Giant Planet. <i>Astronomical Journal</i> , 2020 , 160, 96	4.9	12
35	TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS. <i>Astronomical Journal</i> , 2020 , 160, 229	4.9	5

34	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
33	TOI 694b and TIC 220568520b: Two Low-mass Companions near the Hydrogen-burning Mass Limit Orbiting Sun-like Stars. <i>Astronomical Journal</i> , 2020 , 160, 133	4.9	8
32	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
31	TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. <i>Astronomical Journal</i> , 2020 , 160, 235	4.9	9
30	When Do Stalled Stars Resume Spinning Down? Advancing Gyrochronology with Ruprecht 147. <i>Astrophysical Journal</i> , 2020 , 904, 140	4.7	25
29	TOI-222: a single-transit TESS candidate revealed to be a 34-d eclipsing binary with CORALIE, EulerCam, and NGTS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 1761-1769	4.3	16
28	HD 213885b: a transiting 1-d-period super-Earth with an Earth-like composition around a bright ($V = 7.9$) star unveiled by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 2982-2999	4.3	18
27	Two Intermediate-mass Transiting Brown Dwarfs from the TESS Mission. <i>Astronomical Journal</i> , 2020 , 160, 53	4.9	26
26	An ultrahot Neptune in the Neptune desert. <i>Nature Astronomy</i> , 2020 , 4, 1148-1157	12.1	15
25	LHS 1815b: The First Thick-disk Planet Detected by TESS. <i>Astronomical Journal</i> , 2020 , 159, 160	4.9	12
24	The Elusive Majority of Young Moving Groups. I. Young Binaries and Lithium-rich Stars in the Solar Neighborhood. <i>Astrophysical Journal</i> , 2019 , 877, 60	4.7	15
23	An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images. <i>Astronomical Journal</i> , 2019 , 157, 191	4.9	37
22	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. <i>Astrophysical Journal Letters</i> , 2019 , 881, L19	7.9	49
21	Near-resonance in a System of Sub-Neptunes from TESS. <i>Astronomical Journal</i> , 2019 , 158, 177	4.9	27
20	HD 2685 b: a hot Jupiter orbiting an early F-type star detected by TESS. <i>Astronomy and Astrophysics</i> , 2019 , 625, A16	5.1	24
19	Robo-AO Kepler Survey. IV. The Effect of Nearby Stars on 3857 Planetary Candidate Systems. <i>Astronomical Journal</i> , 2018 , 155, 161	4.9	32
18	Measuring the Recoverability of Close Binaries in Gaia DR2 with the Robo-AO Kepler Survey. <i>Astronomical Journal</i> , 2018 , 156, 259	4.9	66
17	Robo-AO Kepler Survey. V. The Effect of Physically Associated Stellar Companions on Planetary Systems. <i>Astronomical Journal</i> , 2018 , 156, 83	4.9	27

16	The First Naked-eye Superflare Detected from Proxima Centauri. <i>Astrophysical Journal Letters</i> , 2018 , 860, L30	7.9	64
15	Robo-AO Discovery and Basic Characterization of Wide Multiple Star Systems in the Pleiades, Praesepe, and NGC 2264 Clusters. <i>Astronomical Journal</i> , 2018 , 155, 51	4.9	7
14	Laser-only Adaptive Optics Achieves Significant Image Quality Gains Compared to Seeing-limited Observations over the Entire Sky. <i>Astronomical Journal</i> , 2018 , 155, 59	4.9	1
13	ULTRA-SHORT-PERIOD PLANETS IN K2 WITH COMPANIONS: A DOUBLE TRANSITING SYSTEM FOR EPIC 220674823. <i>Astronomical Journal</i> , 2017 , 153, 82	4.9	32
12	Robo-AO Kepler Asteroseismic Survey. I. Adaptive Optics Imaging of 99 Asteroseismic Kepler Dwarfs and Subgiants. <i>Astrophysical Journal</i> , 2017 , 847, 97	4.7	4
11	PROBABILITY OF THE PHYSICAL ASSOCIATION OF 104 BLENDED COMPANIONS TO KEPLER OBJECTS OF INTEREST USING VISIBLE AND NEAR-INFRARED ADAPTIVE OPTICS PHOTOMETRY. <i>Astronomical Journal</i> , 2017 , 153, 25	4.9	24
10	ROBO-AO KEPLER PLANETARY CANDIDATE SURVEY. III. ADAPTIVE OPTICS IMAGING OF 1629 KEPLER EXOPLANET CANDIDATE HOST STARS. <i>Astronomical Journal</i> , 2017 , 153, 66	4.9	64
9	TWO SMALL TEMPERATE PLANETS TRANSITING NEARBY M DWARFS IN K2 CAMPAIGNS 0 AND 1. <i>Astrophysical Journal</i> , 2016 , 818, 87	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	ROBO-AO KEPLER PLANETARY CANDIDATE SURVEY. II. ADAPTIVE OPTICS IMAGING OF 969 KEPLER EXOPLANET CANDIDATE HOST STARS. <i>Astronomical Journal</i> , 2016 , 152, 18	4.9	67
6	The Robo-AO KOI survey: laser adaptive optics imaging of every Kepler exoplanet candidate 2016 ,		2
5	SRAO: optical design and the dual-knife-edge WFS 2016 ,		5
4	MULTIPLICITY OF THE GALACTIC SENIOR CITIZENS: A HIGH-RESOLUTION SEARCH FOR COOL SUBDWARF COMPANIONS. <i>Astrophysical Journal</i> , 2015 , 804, 30	4.7	13
3	KELT-8b: A HIGHLY INFLATED TRANSITING HOT JUPITER AND A NEW TECHNIQUE FOR EXTRACTING HIGH-PRECISION RADIAL VELOCITIES FROM NOISY SPECTRA. <i>Astrophysical Journal</i> , 2015 , 810, 30	4.7	44
2	HII 2407: AN ECLIPSING BINARY REVEALED BY K2 OBSERVATIONS OF THE PLEIADES. <i>Astrophysical Journal</i> , 2015 , 814, 62	4.7	11
1	ROBOTIC LASER ADAPTIVE OPTICS IMAGING OF 715 KEPLER EXOPLANET CANDIDATES USING ROBO-AO. <i>Astrophysical Journal</i> , 2014 , 791, 35	4.7	123