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List of Publications by Year
in descending order

Version: 2024-02-01

54 papers	2,073 citations	331670 21 h-index	243625 44 g-index
54 all docs	54 docs citations	54 times ranked	1818 citing authors

#	Article	IF	Citations
1	OGLE-2019-BLG-0468Lb,c: Two microlensing giant planets around a G-type star. Astronomy and Astrophysics, 2022, 658, A93.	5.1	10
2	Systematic KMTNet Planetary Anomaly Search. II. Six New q < 2 Ã— 10^{â^'4} Mass-ratio Planets. Astronomical Journal, 2022, 163, 43.	4.7	27
3	OGLE-2014-BLG-0319: A Sub-Jupiter-mass Planetary Event Encountered Degeneracy with Different Mass Ratios and Lens-source Relative Proper Motions. Astronomical Journal, 2022, 163, 123.	4.7	0
4	The OGLE Collection of Variable Stars: One Thousand Heartbeat Stars in the Galactic Bulge and Magellanic Clouds. Astrophysical Journal, Supplement Series, 2022, 259, 16.	7.7	7
5	OGLE-2016-BLG-1093Lb: A Sub-Jupiter-mass Spitzer Planet Located in the Galactic Bulge. Astronomical Journal, 2022, 163, 254.	4.7	2
6	The OGLE Collection of Variable Stars: Nearly 66,000 Mira Stars in the Milky Way. Astrophysical Journal, Supplement Series, 2022, 260, 46.	7.7	15
7	An X-ray-quiet black hole born with a negligible kick in a massive binary within the Large Magellanic Cloud. Nature Astronomy, 2022, 6, 1085-1092.	10.1	33
8	An Isolated Stellar-mass Black Hole Detected through Astrometric Microlensing*. Astrophysical Journal, 2022, 933, 83.	4.5	60
9	OGLE-ing the Magellanic System: Optical Reddening Maps of the Large and Small Magellanic Clouds from Red Clump Stars. Astrophysical Journal, Supplement Series, 2021, 252, 23.	7.7	66
10	KMT-2017-BLG-2820 and the Nature of the Free-floating Planet Population. Astronomical Journal, 2021, 161, 126.	4.7	22
11	Binarity as the Origin of Long Secondary Periods in Red Giant Stars. Astrophysical Journal Letters, 2021, 911, L22.	8.3	21
12	KMT-2019-BLG-1715: Planetary Microlensing Event with Three Lens Masses and Two Source Stars. Astronomical Journal, 2021, 161, 270.	4.7	9
13	KMT-2018-BLG-1025Lb: microlensing super-Earth planet orbiting a low-mass star. Astronomy and Astrophysics, 2021, 649, A90.	5.1	11
14	OGLE-2018-BLG-0567Lb and OGLE-2018-BLG-0962Lb: Two Microlensing Planets through the Planetary-caustic Channel. Astronomical Journal, 2021, 161, 293.	4.7	29
15	KMT-2019-BLG-0371 and the Limits of Bayesian Analysis. Astronomical Journal, 2021, 162, 17.	4.7	8
16	Studies of RR Lyrae Variables in Binary Systems. I. Evidence of a Trimodal Companion Mass Distribution. Astrophysical Journal, 2021, 915, 50.	4.5	6
17	Systematic KMTNet Planetary Anomaly Search. I. OGLE-2019-BLG-1053Lb, a Buried Terrestrial Planet. Astronomical Journal, 2021, 162, 163.	4.7	30
18	Mid-infrared Periodâ€"Luminosity Relations for Miras in the Large Magellanic Cloud. Astrophysical Journal, 2021, 919, 99.	4.5	14

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19	Three faint-source microlensing planets detected via the resonant-caustic channel. Astronomy and Astrophysics, 2021, 655, A21.	5.1	8
20	OGLE-2019-BLG-0960 Lb: the Smallest Microlensing Planet. Astronomical Journal, 2021, 162, 180.	4.7	27
21	Multiwavelength Properties of Miras. Astrophysical Journal, Supplement Series, 2021, 257, 23.	7.7	13
22	New Galactic Î² Lyrae-type Binaries Showing Superorbital Photometric Cycles. Astrophysical Journal, 2021, 922, 30.	4.5	2
23	Using Source Proper Motion to Validate Terrestrial Parallax: OGLE-2019-BLG-1058. Astronomical Journal, 2021, 162, 267.	4.7	2
24	Systematic Korea Microlensing Telescope Network planetary anomaly search â€“ III. One wide-orbit planet and two stellar binaries. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1778-1790.	4.4	16
25	OGLE-2016-BLG-1227L: A Wide-separation Planet from a Very Short-timescale Microlensing Event. Astronomical Journal, 2020, 159, 91.	4.7	13
26	Candidate Brown-dwarf Microlensing Events with Very Short Timescales and Small Angular Einstein Radii. Astronomical Journal, 2020, 159, 134.	4.7	9
27	Spitzer Microlensing Parallax Reveals Two Isolated Stars in the Galactic Bulge. Astrophysical Journal, 2020, 891, 3.	4.5	10
28	OGLE-2015-BLG-1771Lb: A Microlens Planet Orbiting an Ultracool Dwarf?. Astronomical Journal, 2020, 159, 116.	4.7	15
29	A Free-floating or Wide-orbit Planet in the Microlensing Event OGLE-2019-BLG-0551. Astronomical Journal, 2020, 159, 262.	4.7	30
30	A Gas Giant Planet in the OGLE-2006-BLG-284L Stellar Binary System. Astronomical Journal, 2020, 160, 72.	4.7	10
31	OGLE-2018-BLG-0532Lb: Cold Neptune with Possible Jovian Sibling. Astronomical Journal, 2020, 160, 183.	4.7	15
32	KMT-2019-BLG-0842Lb: A Cold Planet below the Uranus/Sun Mass Ratio. Astronomical Journal, 2020, 160, 255.	4.7	13
33	OGLE-ing the Magellanic System: Cepheids in the Bridge*. Astrophysical Journal, 2020, 889, 25.	4.5	7
34	OGLE-ing the Magellanic System: RR Lyrae Stars in the Bridge*. Astrophysical Journal, 2020, 889, 26.	4.5	13
35	A Terrestrial-mass Rogue Planet Candidate Detected in the Shortest-timescale Microlensing Event. Astrophysical Journal Letters, 2020, 903, L11.	8.3	36
36	Microlensing Optical Depth and Event Rate in the OGLE-IV Galactic Plane Fields. Astrophysical Journal, Supplement Series, 2020, 249, 16.	7.7	16

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37	OGLE-GAL-ACEP-091: The First Known Multi-mode Anomalous Cepheid. Astrophysical Journal Letters, 2020, 901, L25.	8.3	2
38	A three-dimensional map of the Milky Way using classical Cepheid variable stars. Science, 2019, 365, 478-482.	12.6	116
39	12,660 Spotted Stars toward the OGLE Galactic Bulge Fields. Astrophysical Journal, 2019, 879, 114.	4.5	14
40	Spitzer Parallax of OGLE-2018-BLG-0596: A Low-mass-ratio Planet around an M Dwarf. Astronomical Journal, 2019, 158, 28.	4.7	15
41	Microlensing Optical Depth and Event Rate toward the Galactic Bulge from 8 yr of OGLE-IV Observations. Astrophysical Journal, Supplement Series, 2019, 244, 29.	7.7	54
42	Discovery of an Outbursting 12.8 Minute Ultracompact X-Ray Binary^{âˆ—}. Astrophysical Journal Letters, 2019, 881, L41.	8.3	6
43	OGLE-2014-BLG-0962 and a Comparison of Galactic Model Priors to Microlensing Data. Astrophysical Journal, 2019, 873, 30.	4.5	7
44	OGLE-2015-BLG-1670Lb: A Cold Neptune beyond the Snow Line in the Provisional WFIRSTÂMicrolensing Survey Field. Astronomical Journal, 2019, 157, 232.	4.7	10
45	Type II Cepheids Pulsating in the First Overtone from the OGLE Survey. Astrophysical Journal, 2019, 873, 43.	4.5	9
46	Two new free-floating or wide-orbit planets from microlensing. Astronomy and Astrophysics, 2019, 622, A201.	5.1	49
47	Rotation Curve of the Milky Way from Classical Cepheids. Astrophysical Journal Letters, 2019, 870, L10.	8.3	82
48	No large population of unbound or wide-orbit Jupiter-mass planets. Nature, 2017, 548, 183-186.	27.8	228
49	Blue large-amplitude pulsators as a new class of variable stars. Nature Astronomy, 2017, 1, .	10.1	49
50	OGLE-III MICROLENSING EVENTS AND THE STRUCTURE OF THE GALACTIC BULGE. Astrophysical Journal, Supplement Series, 2015, 216, 12.	7.7	83
51	THE ARAUCARIA PROJECT. THE DISTANCE TO THE SMALL MAGELLANIC CLOUD FROM LATE-TYPE ECLIPSING BINARIES. Astrophysical Journal, 2014, 780, 59.	4.5	178
52	SUPER-MASSIVE PLANETS AROUND LATE-TYPE STARSâ€"THE CASE OF OGLE-2012-BLG-0406Lb. Astrophysical Journal, 2014, 782, 47.	4.5	48
53	TRIPLE MICROLENS OGLE-2008-BLG-092L: BINARY STELLAR SYSTEM WITH A CIRCUMPRIMARY URANUS-TYPE PLANET. Astrophysical Journal, 2014, 795, 42.	4.5	94
54	REDDENING AND EXTINCTION TOWARD THE GALACTIC BULGE FROM OGLE-III: THE INNER MILKY WAY'SR_Vâ¼ 2.5 EXTINCTION CURVE. Astrophysical Journal, 2013, 769, 88.	4.5	404