Yoon-Hyun Ryu

List of Publications by Year
in descending order

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50	708	567281 15	677142 22
papers	citations	h-index	g-index

50	50	50	228
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	OGLE-2016-BLG-1093Lb: A Sub-Jupiter-mass Spitzer Planet Located in the Galactic Bulge. Astronomical Journal, 2022, 163, 254.	4.7	2
3	OGLE-2018-BLG-0799Lb: a q â^¼ 2.7ÂÃ—Â10â^'3 planet with Spitzer parallax. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5952-5968.	4.4	4
4	Systematic KMTNet planetary anomaly search. IV. Complete sample of 2019 prime-field. Monthly Notices of the Royal Astronomical Society, 2022, 515, 928-939.	4.4	22
5	KMT-2017-BLG-2820 and the Nature of the Free-floating Planet Population. Astronomical Journal, 2021, 161, 126.	4.7	22
6	KMT-2019-BLG-1715: Planetary Microlensing Event with Three Lens Masses and Two Source Stars. Astronomical Journal, 2021, 161, 270.	4.7	9
7	KMT-2018-BLG-1025Lb: microlensing super-Earth planet orbiting a low-mass star. Astronomy and Astrophysics, 2021, 649, A90.	5.1	11
8	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
9	KMT-2019-BLG-0371 and the Limits of Bayesian Analysis. Astronomical Journal, 2021, 162, 17.	4.7	8
10	KMT-2019-BLG-2073: Fourth Free-floating Planet Candidate with Î¸_E < 10 Î¼as. Astronomical Journal, 2021, 162, 15.	4.7	18
11	Shortest Microlensing Event with a Bound Planet: KMT-2016-BLG-2605. Astronomical Journal, 2021, 162, 96.	4.7	5
12	Systematic KMTNet Planetary Anomaly Search. I. OGLE-2019-BLG-1053Lb, a Buried Terrestrial Planet. Astronomical Journal, 2021, 162, 163.	4.7	30
13	OGLE-2019-BLG-0960 Lb: the Smallest Microlensing Planet. Astronomical Journal, 2021, 162, 180.	4.7	27
14	OGLE-2019-BLG-0304: Competing Interpretations between a Planetâ€“binary Model and a Binary-source + Binary-lens Model. Astronomical Journal, 2021, 162, 203.	4.7	4
15	Using Source Proper Motion to Validate Terrestrial Parallax: OGLE-2019-BLG-1058. Astronomical Journal, 2021, 162, 267.	4.7	2
16	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
17	OGLE-2018-BLG-1700L: Microlensing Planet in Binary Stellar System. Astronomical Journal, 2020, 159, 48.	4.7	21
18	KMT-2018-BLG-1292: A Super-Jovian Microlens Planet in the Galactic Plane. Astronomical Journal, 2020, 159, 58.	4.7	6

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19	OGLE-2016-BLG-1227L: A Wide-separation Planet from a Very Short-timescale Microlensing Event. Astronomical Journal, 2020, 159, 91.	4.7	13
20	KMT-2016-BLG-1836Lb: A Super-Jovian Planet from a High-cadence Microlensing Field. Astronomical Journal, 2020, 159, 98.	4.7	2
21	Candidate Brown-dwarf Microlensing Events with Very Short Timescales and Small Angular Einstein Radii. Astronomical Journal, 2020, 159, 134.	4.7	9
22	Spitzer Microlensing Parallax Reveals Two Isolated Stars in the Galactic Bulge. Astrophysical Journal, 2020, 891, 3.	4.5	10
23	KMT-2018-BLG-0748Lb: sub-Saturn microlensing planet orbiting an ultracool host. Astronomy and Astrophysics, 2020, 641, A105.	5.1	18
24	OGLE-2015-BLG-1771Lb: A Microlens Planet Orbiting an Ultracool Dwarf?. Astronomical Journal, 2020, 159, 116.	4.7	15
25	A Free-floating or Wide-orbit Planet in the Microlensing Event OGLE-2019-BLG-0551. Astronomical Journal, 2020, 159, 262.	4.7	30
26	One Planet or Two Planets? The Ultra-sensitive Extreme-magnification Microlensing Event KMT-2019-BLG-1953. Astronomical Journal, 2020, 160, 17.	4.7	14
27	KMT-2019-BLG-1339L: An M Dwarf with a Giant Planet or a Companion near the Planet/Brown Dwarf Boundary. Astronomical Journal, 2020, 160, 64.	4.7	7
28	OGLE-2017-BLG-0406: Spitzer Microlens Parallax Reveals Saturn-mass Planet Orbiting M-dwarf Host in the Inner Galactic Disk. Astronomical Journal, 2020, 160, 74.	4.7	14
29	OGLE-2018-BLG-0532Lb: Cold Neptune with Possible Jovian Sibling. Astronomical Journal, 2020, 160, 183.	4.7	15
30	OGLE-2018-BLG-1269Lb: A Jovian Planet with a Bright IÂ=Â16 Host. Astronomical Journal, 2020, 160, 148.	4.7	8
31	KMT-2019-BLG-0842Lb: A Cold Planet below the Uranus/Sun Mass Ratio. Astronomical Journal, 2020, 160, 255.	4.7	13
32	A Terrestrial-mass Rogue Planet Candidate Detected in the Shortest-timescale Microlensing Event. Astrophysical Journal Letters, 2020, 903, L11.	8.3	36
33	Spitzer Parallax of OGLE-2018-BLG-0596: A Low-mass-ratio Planet around an M Dwarf. Astronomical Journal, 2019, 158, 28.	4.7	15
34	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
35	KMT-2016-BLG-1107: A New Hollywood-planet Close/Wide Degeneracy. Astronomical Journal, 2019, 157, 23.	4.7	10
36	Spitzer Microlensing Parallax for OGLE-2017-BLG-0896 Reveals a Counter-rotating Low-mass Brown Dwarf. Astronomical Journal, 2019, 157, 106.	4.7	20

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37	Spitzer Microlensing of MOA-2016-BLG-231L: A Counter-rotating Brown Dwarf Binary in the Galactic Disk. Astrophysical Journal, 2019, 871, 179.	4.5	8
38	OGLE-2016-BLG-0156: Microlensing Event with Pronounced Microlens-parallax Effects Yielding a Precise Lens Mass Measurement. Astrophysical Journal, 2019, 872, 175.	4.5	2
39	KMT-2017-BLG-0165Lb: A Super-Neptune-mass Planet Orbiting a Sun-like Host Star. Astronomical Journal, 2019, 157, 72.	4.7	27
40	KMT-2018-BLG-1990Lb: A Nearby Jovian Planet From A Low-cadence Microlensing Field. Astronomical Journal, 2019, 158, 151.	4.7	8
41	OGLE-2018-BLG-0022: First Prediction of an Astrometric Microlensing Signal from a Photometric Microlensing Event. Astrophysical Journal, 2019, 876, 81.	4.5	3
42	OGLE-2018-BLG-1011Lb,c: Microlensing Planetary System with Two Giant Planets Orbiting a Low-mass Star. Astronomical Journal, 2019, 158, 114.	4.7	20
43	MOA-2016-BLG-319Lb: Microlensing Planet Subject to Rare Minor-image Perturbation Degeneracy in Determining Planet Parameters. Astronomical Journal, 2018, 156, 226.	4.7	17
44	KMT-2016-BLG-1397b: KMTNET-only Discovery of a Microlens Giant Planet. Astronomical Journal, 2018, 156, 236.	4.7	7
45	KMT-2016-BLG-2052L: Microlensing Binary Composed of M Dwarfs Revealed from a Very Long Timescale Event. Astrophysical Journal, 2018, 865, 14.	4.5	2
46	KMT-2016-BLG-1820 and KMT-2016-BLG-2142: Two Microlensing Binaries Composed of Planetary-mass Companions and Very-low-mass Primaries. Astronomical Journal, 2018, 156, 208.	4.7	9
47	A Planetary Microlensing Event with an Unusually Red Source Star: MOA-2011-BLG-291. Astronomical Journal, 2018, 156, 113.	4.7	15
48	PROPERTIES OF MICROLENSING EVENTS BY WIDE-SEPARATION PLANETS WITH A MOON. Astrophysical Journal, 2016, 826, 90.	4.5	22
49	PLANETARY CAUSTIC PERTURBATIONS OF A CLOSE-SEPARATION PLANET ON MICROLENSING. Astrophysical Journal, 2016, 829, 43.	4.5	21
50	Microlensing by a wide-separation planet: detectability and boundness. Monthly Notices of the Royal Astronomical Society, 2013, 433, 3411-3416.	4.4	25