

Takahiro Sumi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Systematic KMTNet Planetary Anomaly Search. II. Six New $2 \text{--} 10 M_{\text{Jup}}$ Mass-ratio Planets. <i>Astronomical Journal</i> , 2022, 163, 43.	4.7	27
2	OGLE-2014-BLG-0319: A Sub-Jupiter-mass Planetary Event Encountered Degeneracy with Different Mass Ratios and Lens-source Relative Proper Motions. <i>Astronomical Journal</i> , 2022, 163, 123.	4.7	0
3	OGLE-2016-BLG-1093Lb: A Sub-Jupiter-mass Spitzer Planet Located in the Galactic Bulge. <i>Astronomical Journal</i> , 2022, 163, 254.	4.7	2
4	OGLE-2018-BLG-0799Lb: a $2.7 \text{--} 10 M_{\text{Jup}}$ planet with <i>Spitzer</i> parallax. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5952-5968.	4.4	4
5	An Isolated Stellar-mass Black Hole Detected through Astrometric Microlensing*. <i>Astrophysical Journal</i> , 2022, 933, 83.	4.5	60
6	Revealing Short-period Exoplanets and Brown Dwarfs in the Galactic Bulge Using the Microlensing Xallarap Effect with the Nancy Grace Roman Space Telescope. <i>Astronomical Journal</i> , 2021, 161, 84.	4.7	6
7	Mid-infrared spectrometer and camera for the Origins Space Telescope. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2021, 7, .	1.8	0
8	New giant planet beyond the snow line for an extended MOA exoplanet microlens sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1498-1506.	4.4	1
9	KMT-2019-BLG-0371 and the Limits of Bayesian Analysis. <i>Astronomical Journal</i> , 2021, 162, 17.	4.7	8
10	OGLE-2018-BLG-1185b: A Low-mass Microlensing Planet Orbiting a Low-mass Dwarf. <i>Astronomical Journal</i> , 2021, 162, 77.	4.7	10
11	Systematic KMTNet Planetary Anomaly Search. I. OGLE-2019-BLG-1053Lb, a Buried Terrestrial Planet. <i>Astronomical Journal</i> , 2021, 162, 163.	4.7	30
12	OGLE-2019-BLG-0960 Lb: the Smallest Microlensing Planet. <i>Astronomical Journal</i> , 2021, 162, 180.	4.7	27
13	An Earth-mass planet in a time of COVID-19: KMT-2020-BLG-0414Lb. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 239.	1.7	21
14	Optical Adjustment of the FITE Interferometer. <i>Journal of Astronomical Instrumentation</i> , 2020, 09, 2050002.	1.5	0
15	OGLE-2013-BLG-0911Lb: A Secondary on the Brown-dwarf Planet Boundary around an M Dwarf. <i>Astronomical Journal</i> , 2020, 159, 76.	4.7	8
16	One Planet or Two Planets? The Ultra-sensitive Extreme-magnification Microlensing Event KMT-2019-BLG-1953. <i>Astronomical Journal</i> , 2020, 160, 17.	4.7	14
17	OGLE-2017-BLG-0406: Spitzer Microlens Parallax Reveals Saturn-mass Planet Orbiting M-dwarf Host in the Inner Galactic Disk. <i>Astronomical Journal</i> , 2020, 160, 74.	4.7	14
18	KMT-2019-BLG-0842Lb: A Cold Planet below the Uranus/Sun Mass Ratio. <i>Astronomical Journal</i> , 2020, 160, 255.	4.7	13

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19	Constraints on Earth-mass primordial black holes from OGLE 5-year microlensing events. <i>Physical Review D</i> , 2019, 99, .	4.7	212
20	Spitzer Parallax of OGLE-2018-BLG-0596: A Low-mass-ratio Planet around an M Dwarf. <i>Astronomical Journal</i> , 2019, 158, 28.	4.7	15
21	MOA-bin-29b: A Microlensing Gas-giant Planet Orbiting a Low-mass Host Star. <i>Astronomical Journal</i> , 2019, 158, 224.	4.7	12
22	OGLE-2015-BLG-1670Lb: A Cold Neptune beyond the Snow Line in the Provisional WFIRST Microlensing Survey Field. <i>Astronomical Journal</i> , 2019, 157, 232.	4.7	10
23	Microlensing constraints on primordial black holes with Subaru/HSC Andromeda observations. <i>Nature Astronomy</i> , 2019, 3, 524-534.	10.1	318
24	MOA-2016-BLG-319Lb: Microlensing Planet Subject to Rare Minor-image Perturbation Degeneracy in Determining Planet Parameters. <i>Astronomical Journal</i> , 2018, 156, 226.	4.7	17
25	Microlensing Results Challenge the Core Accretion Runaway Growth Scenario for Gas Giants. <i>Astrophysical Journal Letters</i> , 2018, 869, L34.	8.3	66
26	Estimation of Contaminants for Direct Imaging of Exoplanets: Constraint on the Stellar Distribution Model with both NIR and Deep Imaging Data. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 42-43.	0.0	0
27	Current and Future of Microlensing Exoplanet Search. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 10-19.	0.0	1
28	Asteroid Lightcurves from the MOA-II Survey: A pilot study. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	1