Anupreeta More

List of Publications by Year
in descending order

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Version: 2024-02-01

51 papers	3,061 citations	218677 26 h-index	197818 49 g-index
52 all docs	52 docs citations	52 times ranked	3408 citing authors

#	Article	IF	Citations
1	The Hyper Suprime-Cam SSP Survey: Overview and survey design. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	566
2	First data release of the Hyper Suprime-Cam Subaru Strategic Program. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	327
3	Microlensing constraints on primordial black holes with Subaru/HSC Andromeda observations. Nature Astronomy, 2019, 3, 524-534.	10.1	318
4	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408â˜'5354. Monthly Notices of the Royal Astronomical Society, 2020, 494, 6072-6102.	4.4	140
5	DETECTION OF THE SPLASHBACK RADIUS AND HALO ASSEMBLY BIAS OF MASSIVE GALAXY CLUSTERS. Astrophysical Journal, 2016, 825, 39.	4.5	135
6	THE CFHTLS-STRONG LENSING LEGACY SURVEY (SL2S): INVESTIGATING THE GROUP-SCALE LENSES WITH THE SARCS SAMPLE. Astrophysical Journal, 2012, 749, 38.	4.5	116
7	An optically-selected cluster catalog at redshift 0.1Â<Â<i>z</i>Â<Â1.1 from the Hyper Suprime-Cam Subaru Strategic Program S16A data. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	85
8	Finding strong lenses in CFHTLS using convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2017, 471, 167-181.	4.4	83
9	SpaceÂWarps â€“ I. Crowdsourcing the discovery of gravitational lenses. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1171-1190.	4.4	77
10	SpaceÂWarpsâ€“ II. New gravitational lens candidates from the CFHTLS discovered through citizen science. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1191-1210.	4.4	75
11	Is every strong lens model unhappy in its own way? Uniform modelling of a sample of 13 quadruply+ imaged quasars. Monthly Notices of the Royal Astronomical Society, 2019, 483, 5649-5671.	4.4	73
12	Survey of Gravitationally-lensed Objects in HSC Imaging (SuGOHI). I. Automatic search for galaxy-scale strong lenses. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	68
13	The SDSS-III BOSS quasar lens survey: discovery of 13 gravitationally lensed quasars. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1595-1606.	4.4	67
14	The role of luminous substructure in the gravitational lens system MG 2016+112. Monthly Notices of the Royal Astronomical Society, 2009, 394, 174-190.	4.4	60
15	Cosmological constraints from a combination of galaxy clustering and lensing â€“ II. Fisher matrix analysis. Monthly Notices of the Royal Astronomical Society, 2013, 430, 747-766.	4.4	56
16	A new window of exploration in the mass spectrum: strong lensing by galaxy groups in the SL2S. Astronomy and Astrophysics, 2009, 502, 445-456.	5.1	50
17	The DES Bright Arcs Survey: Hundreds of Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey Science Verification and Year 1 Observations. Astrophysical Journal, Supplement Series, 2017, 232, 15.	7.7	48
18	Survey of gravitationally-lensed objects in HSC imaging (SuGOHI). Astronomy and Astrophysics, 2019, 630, A71.	5.1	47

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19	Discovery of two gravitationally lensed quasars in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1260-1265.	4.4	41
20	Survey of Gravitationally Lensed Objects in HSC Imaging (SuGOHI). II. Environments and Line-of-Sight Structure of Strong Gravitational Lens Galaxies to zÂâˆ¼Â0.8. Astrophysical Journal, 2018, 867, 107.	4.5	41
21	Interpreting the Strongly Lensed Supernova iPTF16geu: Time Delay Predictions, Microlensing, and Lensing Rates. Astrophysical Journal Letters, 2017, 835, L25.	8.3	39
22	DES meets Gaia: discovery of strongly lensed quasars from a multiplet search. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4345-4354.	4.4	39
23	Chitah: STRONG-GRAVITATIONAL-LENS HUNTER IN IMAGING SURVEYS. Astrophysical Journal, 2015, 807, 138.	4.5	35
24	Discovery of the Lensed Quasar System DES J0408-5354. Astrophysical Journal Letters, 2017, 838, L15.	8.3	32
25	Survey of Gravitationally-lensed Objects in HSC Imaging (SuGOHI). Astronomy and Astrophysics, 2020, 642, A148.	5.1	32
26	Survey of Gravitationally lensed Objects in HSC Imaging (SuGOHI) â€“ V. Group-to-cluster scale lens search from the HSCâ€“SSP Survey. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1291-1310.	4.4	30
27	Survey of Gravitationally lensed Objects in HSC Imaging (SuGOHI). Astronomy and Astrophysics, 2020, 636, A87.	5.1	26
28	Probing a massive radio galaxy with gravitational lensing. Monthly Notices of the Royal Astronomical Society, 2008, 384, 1701-1710.	4.4	25
29	SDSS-IV MaNGA: the spectroscopic discovery of strongly lensed galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 477, 195-209.	4.4	24
30	Time delay lens modelling challenge. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1096-1123.	4.4	24
31	OBSERVATION AND CONFIRMATION OF SIX STRONG-LENSING SYSTEMS IN THE DARK ENERGY SURVEY SCIENCE VERIFICATION DATA*. Astrophysical Journal, 2016, 827, 51.	4.5	21
32	GRAVITATIONAL LENS CANDIDATES IN THE E-CDFS. Astrophysical Journal, 2011, 734, 69.	4.5	20
33	Core or Cusps: The Central Dark Matter Profile of a Strong Lensing Cluster with a Bright Central Image at Redshift 1. Astrophysical Journal, 2017, 843, 148.	4.5	20
34	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
35	A new quadruple gravitational lens from the Hyper Suprime-Cam Survey: the puzzle of HSC J115252+004733. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2411-2419.	4.4	19
36	A search for gravitationally lensed quasars and quasar pairs in Pan-STARRS1: spectroscopy and sources of shear in the diamond 2M1134â˜’2103. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4987-5007.	4.4	19

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37	HOLISMOKES. Astronomy and Astrophysics, 2021, 653, L6.	5.1	19
38	Models of the strongly lensed quasar DES J0408â˜’5354. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4038-4050.	4.4	18
39	A SPECTROSCOPICALLY CONFIRMED DOUBLE SOURCE PLANE LENS SYSTEM IN THE HYPER SUPRIME-CAM SUBARU STRATEGIC PROGRAM. Astrophysical Journal Letters, 2016, 826, L19.	8.3	17
40	Gravitational lens modelling in a citizen science context. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2170-2180.	4.4	15
41	Constraining the mass density of free-floating black holes using razor-thin lensing arcs. Monthly Notices of the Royal Astronomical Society, 2019, 483, 1558-1573.	4.4	14
42	Survey of Gravitationally Lensed Objects in HSC Imaging (SuGOHI) â€“ VII. Discovery and confirmation of three strongly lensed quasarsâ€. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1487-1493.	4.4	14
43	SARCS strong-lensing galaxy groups. Astronomy and Astrophysics, 2013, 559, A105.	5.1	12
44	Models of gravitational lens candidates from Space Warps CFHTLS. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3700-3713.	4.4	10
45	Lensed quasar search via time variability with the HSC transient survey. Astronomy and Astrophysics, 2020, 640, A88.	5.1	10
46	Improved statistic to identify strongly lensed gravitational wave events. Monthly Notices of the Royal Astronomical Society, 2022, 515, 1044-1051.	4.4	10
47	Finding quadruply imaged quasars with machine learning â€“ I. Methods. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2407-2421.	4.4	9
48	Characterizing SL2S galaxy groups using the Einstein radius. Astronomy and Astrophysics, 2014, 571, A65.	5.1	8
49	Discovery of an unusually compact lensed Lyman-break galaxy from the Hyper Suprime-Cam Survey. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3156-3165.	4.4	7
50	X-ray study of the double source plane gravitational lens system Eye of Horus observed with XMMâ€“Newton. Monthly Notices of the Royal Astronomical Society, 2020, 491, 3411-3418.	4.4	0
51	Back to the future with a supernova. Nature Astronomy, 0, , .	10.1	0