

MaruÅja BradaÄ•

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/470901/publications.pdf>

Version: 2024-02-01

67
papers

5,078
citations

147726

31
h-index

102432

66
g-index

67
all docs

67
docs citations

67
times ranked

7838
citing authors

#	ARTICLE	IF	CITATIONS
1	A Direct Empirical Proof of the Existence of Dark Matter. <i>Astrophysical Journal</i> , 2006, 648, L109-L113.	1.6	1,440
2	Constraints on the Self-Interaction Cross Section of Dark Matter from Numerical Simulations of the Merging Galaxy Cluster 1E 0657 \hat{a} '56. <i>Astrophysical Journal</i> , 2008, 679, 1173-1180.	1.6	552
3	Strong and Weak Lensing United. III. Measuring the Mass Distribution of the Merging Galaxy Cluster 1E 0657 \hat{a} '558. <i>Astrophysical Journal</i> , 2006, 652, 937-947.	1.6	254
4	Revealing the Properties of Dark Matter in the Merging Cluster MACS J0025.4 \hat{a} '1222. <i>Astrophysical Journal</i> , 2008, 687, 959-967.	1.6	228
5	Multiple images of a highly magnified supernova formed by an early-type cluster galaxy lens. <i>Science</i> , 2015, 347, 1123-1126.	6.0	202
6	Inferences on the timeline of reionization at $z \hat{\sim} 8$ from the KMOS Lens-Amplified Spectroscopic Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3947-3969.	1.6	142
7	RELICS: Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2019, 884, 85.	1.6	141
8	Constraining the Neutral Fraction of Hydrogen in the IGM at Redshift 7.5. <i>Astrophysical Journal</i> , 2019, 878, 12.	1.6	124
9	DISCOVERY OF A DISSOCIATIVE GALAXY CLUSTER MERGER WITH LARGE PHYSICAL SEPARATION. <i>Astrophysical Journal Letters</i> , 2012, 747, L42.	3.0	111
10	FOCUSING COSMIC TELESCOPES: EXPLORING REDSHIFT $z \hat{\sim} 5-6$ GALAXIES WITH THE BULLET CLUSTER 1E0657 \hat{a} ' 56. <i>Astrophysical Journal</i> , 2009, 706, 1201-1212.	1.6	104
11	Extreme magnification of an individual star at redshift 1.5 by a galaxy-cluster lens. <i>Nature Astronomy</i> , 2018, 2, 334-342.	4.2	97
12	ALMA [C ii] 158 $\hat{\mu}$ m Detection of a Redshift 7 Lensed Galaxy behind RX J1347.1 \hat{a} '1145*. <i>Astrophysical Journal Letters</i> , 2017, 836, L2.	3.0	79
13	Reconstructing the lensing mass in the Universe from photometric catalogue data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 679-692.	1.6	69
14	ILLUMINATING A DARK LENS: A TYPE Ia SUPERNOVA MAGNIFIED BY THE FRONTIER FIELDS GALAXY CLUSTER ABELL 2744. <i>Astrophysical Journal</i> , 2015, 811, 70.	1.6	67
15	IMPROVING THE PRECISION OF TIME-DELAY COSMOGRAPHY WITH OBSERVATIONS OF GALAXIES ALONG THE LINE OF SIGHT. <i>Astrophysical Journal</i> , 2013, 768, 39.	1.6	64
16	On the origin of the intracluster light in massive galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1162-1177.	1.6	63
17	RELICS: The Reionization Lensing Cluster Survey and the Brightest High- z Galaxies. <i>Astrophysical Journal</i> , 2020, 889, 189.	1.6	58
18	RELICS: A Candidate $z \hat{\sim} 10$ Galaxy Strongly Lensed into a Spatially Resolved Arc. <i>Astrophysical Journal Letters</i> , 2018, 864, L22.	3.0	57

#	ARTICLE	IF	CITATIONS
19	RELICS: Strong Lens Models for Five Galaxy Clusters from the Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2018, 859, 159.	1.6	55
20	A highly magnified star at redshift 6.2. <i>Nature</i> , 2022, 603, 815-818.	13.7	53
21	THE GRISM LENS-AMPLIFIED SURVEY FROM SPACE (GLASS). II. GAS-PHASE METALLICITY AND RADIAL GRADIENTS IN AN INTERACTING SYSTEM AT $z \approx 2$. <i>Astronomical Journal</i> , 2015, 149, 107.	1.9	52
22	The Grism Lens-Amplified Survey from Space (GLASS). XI. Detection of C iv in Multiple Images of the $z = 6.11$ Ly α Emitter behind RXC J2248.7-4431. <i>Astrophysical Journal</i> , 2017, 839, 17.	1.6	48
23	THE GRISM LENS-AMPLIFIED SURVEY FROM SPACE (GLASS). IV. MASS RECONSTRUCTION OF THE LENSING CLUSTER ABELL 2744 FROM FRONTIER FIELD IMAGING AND GLASS SPECTROSCOPY. <i>Astrophysical Journal</i> , 2015, 811, 29.	1.6	46
24	THE GRISM LENS-AMPLIFIED SURVEY FROM SPACE (GLASS). VI. COMPARING THE MASS AND LIGHT IN MACS J0416.1-2403 USING FRONTIER FIELD IMAGING AND GLASS SPECTROSCOPY. <i>Astrophysical Journal</i> , 2016, 831, 182.	1.6	43
25	SPITZER ULTRA FAINT SURVEY PROGRAM (SURFS UP). I. AN OVERVIEW. <i>Astrophysical Journal</i> , 2014, 785, 108.	1.6	42
26	SPITZER ULTRA FAINT SURVEY PROGRAM (SURFS UP). II. IRAC-DETECTED LYMAN-BREAK GALAXIES AT $6 \times 10^{-2} < z < 10^{-1}$ BEHIND STRONG-LENSING CLUSTERS. <i>Astrophysical Journal</i> , 2016, 817, 11.	1.6	41
27	SN REFSDAL: CLASSIFICATION AS A LUMINOUS AND BLUE SN 1987A-LIKE TYPE II SUPERNOVA. <i>Astrophysical Journal</i> , 2016, 831, 205.	1.6	40
28	The Near-infrared Imager and Slitless Spectrograph for the James Webb Space Telescope. II. Wide Field Slitless Spectroscopy. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 025002.	1.0	39
29	First Results from the KMOS Lens-Amplified Spectroscopic Survey (KLASS): Kinematics of Lensed Galaxies at Cosmic Noon. <i>Astrophysical Journal</i> , 2017, 838, 14.	1.6	36
30	The Grism Lens-amplified Survey from Space (Glass). IX. The Dual Origin of Low-mass Cluster Galaxies as Revealed by New Structural Analyses. <i>Astrophysical Journal</i> , 2017, 835, 254.	1.6	33
31	HST Grism Observations of a Gravitationally Lensed Redshift 9.5 Galaxy. <i>Astrophysical Journal</i> , 2018, 854, 39.	1.6	32
32	Spectroscopically Confirmed Ly α Emitters from Redshift 5 to 7 behind 10 Galaxy Cluster Lenses. <i>Astrophysical Journal</i> , 2020, 896, 156.	1.6	32
33	SPECTROSCOPIC CONFIRMATION OF A $z = 6.740$ GALAXY BEHIND THE BULLET CLUSTER. <i>Astrophysical Journal Letters</i> , 2012, 755, L7.	3.0	31
34	DETECTION OF LYMAN-ALPHA EMISSION FROM A TRIPLY IMAGED $z = 6.85$ GALAXY BEHIND MACS J2129.4-0741. <i>Astrophysical Journal Letters</i> , 2016, 823, L14.	3.0	31
35	Stellar Properties of $z \approx 8$ Galaxies in the Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2020, 888, 124.	1.6	31
36	MC ² : MAPPING THE DARK MATTER DISTRIBUTION OF THE "TOOTHBRUSH" CLUSTER RX J0603.3+4214 WITH HUBBLE SPACE TELESCOPE AND SUBARU WEAK LENSING*. <i>Astrophysical Journal</i> , 2016, 817, 179.	1.6	30

#	ARTICLE	IF	CITATIONS
37	Mass and Light of Abell 370: A Strong and Weak Lensing Analysis. <i>Astrophysical Journal</i> , 2018, 868, 129.	1.6	30
38	USING THE BULLET CLUSTER AS A GRAVITATIONAL TELESCOPE TO STUDY $z \sim 3$ 7 LYMAN BREAK GALAXIES. <i>Astrophysical Journal</i> , 2012, 745, 155.	1.6	29
39	THE GRISM LENS-AMPLIFIED SURVEY FROM SPACE (GLASS). VII. THE DIVERSITY OF THE DISTRIBUTION OF STAR FORMATION IN CLUSTER AND FIELD GALAXIES AT $0.3 < z < 0.7$. <i>Astrophysical Journal</i> , 2016, 833, 178.	1.6	29
40	Constraining Lyman-alpha spatial offsets at $3 < z < 5.5$ from VANDELS slit spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 706-719.	1.6	28
41	RELICS: Strong Lensing Analysis of MACS J0417.5+1154 and Predictions for Observing the Magnified High-redshift Universe with JWST. <i>Astrophysical Journal</i> , 2019, 873, 96.	1.6	27
42	RELICS: Strong-lensing Analysis of the Massive Clusters MACS J0308.9+2645 and PLCK G171.9+40.7. <i>Astrophysical Journal</i> , 2018, 858, 42.	1.6	26
43	RELICS: Strong Lensing Analysis of the Galaxy Clusters Abell S295, Abell 697, MACS J0025.4-1222, and MACS J0159.8-0849. <i>Astrophysical Journal</i> , 2018, 863, 145.	1.6	24
44	RELICS: A Strong Lens Model for SPT-CLJ0615+5746, a $z \sim 0.972$ Cluster. <i>Astrophysical Journal</i> , 2018, 863, 154.	1.6	23
45	The evolution of the size-mass relation at $z = 1 < z < 3$ derived from the complete Hubble Frontier Fields data set. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1028-1037.	1.6	21
46	MEASURING THE STELLAR MASSES OF $z \sim 7$ GALAXIES WITH THE SPITZER ULTRAFAINST SURVEY PROGRAM (SURFS UP). <i>Astrophysical Journal Letters</i> , 2014, 786, L4.	3.0	20
47	RELICS: Properties of $z \sim 5.5$ Galaxies Inferred from Spitzer and Hubble Imaging, Including A Candidate $z \sim 6.8$ Strong [O iii] emitter. <i>Astrophysical Journal</i> , 2021, 910, 135.	1.6	20
48	Precise weak lensing constraints from deep high-resolution K_s images: VLT/HAWK-I analysis of the super-massive galaxy cluster RCS2 J232727.7+020437 at $z = 0.70$. <i>Astronomy and Astrophysics</i> , 2018, 610, A85.	2.1	19
49	Hubble Frontier Field photometric catalogues of Abell 370 and RXC J2248.7+4431: multiwavelength photometry, photometric redshifts, and stellar properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 99-107.	1.6	19
50	The Grism Lens-Amplified Survey from Space (GLASS). VIII. The Influence of the Cluster Properties on H α Emitter Galaxies at $0.3 < z < 0.7$. <i>Astrophysical Journal</i> , 2017, 837, 126.	1.6	18
51	RELICS: High-resolution Constraints on the Inner Mass Distribution of the $z \sim 0.83$ Merging Cluster RXJ0152.7-1357 from Strong Lensing. <i>Astrophysical Journal</i> , 2019, 874, 132.	1.6	18
52	RELICS: spectroscopy of gravitationally lensed $z < 6$ reionization-era analogues and implications for C δ detections at $z > 6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 719-735.	1.6	18
53	The size-luminosity relation of lensed galaxies at $z \sim 6 < z < 9$ in the Hubble Frontier Fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1148-1161.	1.6	17
54	SPECTROSCOPIC CONFIRMATION OF A $z = 2.79$ MULTIPLY IMAGED LUMINOUS INFRARED GALAXY BEHIND THE BULLET CLUSTER. <i>Astrophysical Journal</i> , 2010, 720, 245-251.	1.6	16

#	ARTICLE	IF	CITATIONS
55	The OSIRIS Lens-amplified Survey (OLAS). I. Dynamical Effects of Stellar Feedback in Low-mass Galaxies at $z \approx 2$. <i>Astrophysical Journal</i> , 2019, 880, 54.	1.6	15
56	Spectroscopy and high-resolution imaging of the gravitational lens SDSS J1206+4332. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3830-3838.	1.6	14
57	Mass Modeling of Frontier Fields Cluster MACS J1149.5+2223 Using Strong and Weak Lensing. <i>Astrophysical Journal</i> , 2018, 859, 58.	1.6	11
58	The size and pervasiveness of Ly α UV spatial offsets in star-forming galaxies at $z \approx 6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3662-3681.	1.6	11
59	RELICS: A Very Large ($\sim 10^4$ Mpc 3) Cluster Lensing RXC J0032.1+1808. <i>Astrophysical Journal</i> , 2020, 898, 6.	1.6	10
60	The high-redshift Universe with Spitzer. <i>Nature Astronomy</i> , 2020, 4, 478-485.	4.2	9
61	Across the green valley with HST grisms: colour evolution, crossing time-scales, and the growth of the red sequence at $z = 1.0 - 1.8$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3566-3588.	1.6	9
62	RCS2 J232727.6-020437: AN EFFICIENT COSMIC TELESCOPE AT $z = 0.6986$. <i>Astrophysical Journal</i> , 2015, 813, 37.	1.6	8
63	The Grism Lens-amplified Survey from Space (GLASS). XII. Spatially Resolved Galaxy Star Formation Histories and True Evolutionary Paths at $z \approx 1$. <i>Astronomical Journal</i> , 2018, 156, 29.	1.9	8
64	RELICS-DP7: Spectroscopic Confirmation of a Dichromatic Primeval Galaxy at $z \approx 7$. <i>Astrophysical Journal Letters</i> , 2021, 908, L30.	3.0	7
65	Reconstruction of small-scale galaxy cluster substructure with lensing flexion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 4287-4300.	1.6	6
66	Exploring Gravitationally Lensed $z \approx 6$ X-Ray Active Galactic Nuclei Behind the RELICS Clusters. <i>Astrophysical Journal</i> , 2022, 927, 34.	1.6	1
67	COSMOLOGICAL WEAK LENSING AND DARK MATTER MAPPING WITH THE HUBBLE SPACE TELESCOPE. , 2008, , .		0