

Traci L Johnson

List of Publications by Year in descending order

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31
papers

1,210
citations

361413

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h-index

477307

29
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1236
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparison of Rest-frame Ultraviolet and Optical Emission-line Diagnostics in the Lensed Galaxy SDSS J1723+3411 at Redshift $z=1.3293$. <i>Astrophysical Journal</i> , 2021, 908, 154.	4.5	12
2	Spatial Variation in Strong Line Ratios and Physical Conditions in Two Strongly Lensed Galaxies at $z=1.4$. <i>Astrophysical Journal</i> , 2021, 916, 50.	4.5	8
3	Strong Lens Models for 37 Clusters of Galaxies from the SDSS Giant Arcs Survey*. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 12.	7.7	45
4	RELICS: spectroscopy of gravitationally lensed z of 2 reionization-era analogues and implications for CMB τ detections at $z > 6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 719-735.	4.4	18
5	RELICS: A Very Large ($E < 4 \times 10^{-3}$) Cluster Lensing Survey. <i>Astrophysical Journal</i> , 2020, 898, 6.	4.5	10
6	Lens Model and Source Reconstruction Reveal the Morphology and Star Formation Distribution in the Cool Spiral LIRG SGAS J143845.1+145407. <i>Astrophysical Journal</i> , 2019, 875, 18.	4.5	3
7	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.	4.5	27
8	RELICS: High-resolution Constraints on the Inner Mass Distribution of the $z=0.83$ Merging Cluster RXJ0152.7-1357 from Strong Lensing. <i>Astrophysical Journal</i> , 2019, 874, 132.	4.5	18
9	RELICS: Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2019, 884, 85.	4.5	141
10	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.	4.5	26
11	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.	4.5	24
12	The Magellan Evolution of Galaxies Spectroscopic and Ultraviolet Reference Atlas (MegaSaura). I. The Sample and the Spectra. <i>Astronomical Journal</i> , 2018, 155, 104.	4.7	43
13	The Magellan Evolution of Galaxies Spectroscopic and Ultraviolet Reference Atlas (MegaSaura). II. Stacked Spectra. <i>Astrophysical Journal</i> , 2018, 853, 87.	4.5	33
14	RELICS: Strong Lens Models for Five Galaxy Clusters from the Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2018, 859, 159.	4.5	55
15	RELICS: A Strong Lens Model for SPT-CLJ0615+5746, a $z=0.972$ Cluster. <i>Astrophysical Journal</i> , 2018, 863, 154.	4.5	23
16	LENS MODEL AND TIME DELAY PREDICTIONS FOR THE SEXTUPLY LENSED QUASAR SDSS J2222+2745*. <i>Astrophysical Journal</i> , 2017, 835, 5.	4.5	26
17	Spatially Resolved Patchy Ly α Emission within the Central Kiloparsec of a Strongly Lensed Quasar Host Galaxy at $z=2.8$. <i>Astrophysical Journal Letters</i> , 2017, 845, L14.	8.3	10
18	Star Formation at $z=2.481$ in the Lensed Galaxy SDSS J1110+6459. I. Lens Modeling and Source Reconstruction. <i>Astrophysical Journal</i> , 2017, 843, 78.	4.5	28

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19	Star Formation at $z=2.481$ in the Lensed Galaxy SDSS J1110+6459. II. What is Missed at the Normal Resolution of the Hubble Space Telescope?. <i>Astrophysical Journal</i> , 2017, 843, 79.	4.5	30
20	Star Formation at $z = 2.481$ in the Lensed Galaxy SDSS J1110+6459: Star Formation Down to 30 pc Scales. <i>Astrophysical Journal Letters</i> , 2017, 843, L21.	8.3	66
21	THE SYSTEMATICS OF STRONG LENS MODELING QUANTIFIED: THE EFFECTS OF CONSTRAINT SELECTION AND REDSHIFT INFORMATION ON MAGNIFICATION, MASS, AND MULTIPLE IMAGE PREDICTABILITY. <i>Astrophysical Journal</i> , 2016, 832, 82.	4.5	66
22	REVISED LENS MODEL FOR THE MULTIPLY IMAGED LENSED SUPERNOVA, α CE SN REFSDAL IN MACS J1149+2223. <i>Astrophysical Journal Letters</i> , 2015, 800, L26.	8.3	52
23	ILLUMINATING A DARK LENS: A TYPE Ia SUPERNOVA MAGNIFIED BY THE FRONTIER FIELDS GALAXY CLUSTER ABELL 2744. <i>Astrophysical Journal</i> , 2015, 811, 70.	4.5	67
24	C III] EMISSION IN STAR-FORMING GALAXIES NEAR AND FAR. <i>Astrophysical Journal Letters</i> , 2015, 814, L6.	8.3	64
25	Systematics errors in strong lens modeling. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 791-792.	0.0	0
26	Strong Lensing Mass Reconstruction: from Frontier Fields to the Typical Lensing Clusters of Future Surveys. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 793-794.	0.0	0
27	QUANTIFYING THE IMPACT OF COSMOLOGICAL PARAMETER UNCERTAINTIES ON STRONG-LENSING MODELS WITH AN EYE TOWARD THE FRONTIER FIELDS. <i>Astrophysical Journal Letters</i> , 2015, 802, L9.	8.3	7
28	LINE-OF-SIGHT STRUCTURE TOWARD STRONG LENSING GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 783, 41.	4.5	40
29	THE MASS DISTRIBUTION OF THE STRONG LENSING CLUSTER SDSS J1531+3414. <i>Astrophysical Journal</i> , 2014, 795, 50.	4.5	20
30	LENS MODELS AND MAGNIFICATION MAPS OF THE SIX HUBBLE FRONTIER FIELDS CLUSTERS. <i>Astrophysical Journal</i> , 2014, 797, 48.	4.5	163
31	THE PHYSICAL CONDITIONS, METALLICITY AND METAL ABUNDANCE RATIOS IN A HIGHLY MAGNIFIED GALAXY AT $z = 3.6252$. <i>Astrophysical Journal</i> , 2014, 790, 144.	4.5	85