

Austin Hoag

List of Publications by Year in descending order

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46
papers

2,177
citations

186209

28
h-index

223716

46
g-index

48
all docs

48
docs citations

48
times ranked

2065
citing authors

#	ARTICLE	IF	CITATIONS
1	THE GRISM LENS-AMPLIFIED SURVEY FROM SPACE (GLASS). I. SURVEY OVERVIEW AND FIRST DATA RELEASE. <i>Astrophysical Journal</i> , 2015, 812, 114.	1.6	175
2	The Frontier Fields lens modelling comparison project. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3177-3216.	1.6	158
3	Inferences on the timeline of reionization at $z \sim 8$ from the KMOS Lens-Amplified Spectroscopic Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3947-3969.	1.6	142
4	RELICS: Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2019, 884, 85.	1.6	141
5	Constraining the Neutral Fraction of Hydrogen in the IGM at Redshift 7.5. <i>Astrophysical Journal</i> , 2019, 878, 12.	1.6	124
6	THROUGH THE LOOKING GLASS: <i>HST</i> SPECTROSCOPY OF FAINT GALAXIES LENSED BY THE FRONTIER FIELDS CLUSTER MACSJ0717.5+3745. <i>Astrophysical Journal Letters</i> , 2014, 782, L36.	3.0	117
7	REFSDAL MEETS POPPER: COMPARING PREDICTIONS OF THE RE-APPEARANCE OF THE MULTIPLY IMAGED SUPERNOVA BEHIND MACSJ1149.5+2223. <i>Astrophysical Journal</i> , 2016, 817, 60.	1.6	88
8	ALMA [C ii] 158 μ m Detection of a Redshift 7 Lensed Galaxy behind RX J1347.1 $\hat{~}$ 1145*. <i>Astrophysical Journal Letters</i> , 2017, 836, L2.	3.0	79
9	Homologous organization of cerebellar pathways to sensory, motor, and associative forebrain. <i>Cell Reports</i> , 2021, 36, 109721.	2.9	68
10	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
11	THE GRISM LENS-AMPLIFIED SURVEY FROM SPACE (GLASS). III. A CENSUS OF Ly $\hat{~}$ EMISSION AT FROM HST SPECTROSCOPY. <i>Astrophysical Journal</i> , 2016, 818, 38.	1.6	60
12	RELICS: The Reionization Lensing Cluster Survey and the Brightest High-z Galaxies. <i>Astrophysical Journal</i> , 2020, 889, 189.	1.6	58
13	RELICS: A Candidate $z \sim 10$ Galaxy Strongly Lensed into a Spatially Resolved Arc. <i>Astrophysical Journal Letters</i> , 2018, 864, L22.	3.0	57
14	RELICS: Strong Lens Models for Five Galaxy Clusters from the Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2018, 859, 159.	1.6	55
15	The Grism Lens-Amplified Survey from Space (GLASS). XI. Detection of C iv in Multiple Images of the $z \sim 6.11$ Ly $\hat{~}$ Emitter behind RXC J2248.7 $\hat{~}$ 4431. <i>Astrophysical Journal</i> , 2017, 839, 17.	1.6	48
16	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
17	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
18	SPITZER ULTRA FAINT SURVEY PROGRAM (SURFS UP). II. IRAC-DETECTED LYMAN-BREAK GALAXIES AT $6 \hat{~} z \hat{~} 10$ BEHIND STRONG-LENSING CLUSTERS. <i>Astrophysical Journal</i> , 2016, 817, 11.	1.6	41

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19	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
20	Two peculiar fast transients in a strongly lensed host galaxy. <i>Nature Astronomy</i> , 2018, 2, 324-333.	4.2	36
21	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
22	HST Grism Observations of a Gravitationally Lensed Redshift 9.5 Galaxy. <i>Astrophysical Journal</i> , 2018, 854, 39.	1.6	32
23	Spectroscopically Confirmed Ly \pm Emitters from Redshift 5 to 7 behind 10 Galaxy Cluster Lenses. <i>Astrophysical Journal</i> , 2020, 896, 156.	1.6	32
24	DETECTION OF LYMAN-ALPHA EMISSION FROM A TRIPLY IMAGED $z = 6.85$ GALAXY BEHIND MACS J2129.4 $\hat{\sim}$ 0741. <i>Astrophysical Journal Letters</i> , 2016, 823, L14.	3.0	31
25	Stellar Properties of $z \sim 3$ Galaxies in the Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2020, 888, 124.	1.6	31
26	Mass and Light of Abell 370: A Strong and Weak Lensing Analysis. <i>Astrophysical Journal</i> , 2018, 868, 129.	1.6	30
27	Spectroscopic confirmation of an ultra-faint galaxy at the epoch of reionization. <i>Nature Astronomy</i> , 2017, 1, .	4.2	29
28	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
29	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
30	RELICS: Strong Lensing Analysis of MACS J0417.5 $\hat{\sim}$ 1154 and Predictions for Observing the Magnified High-redshift Universe with JWST. <i>Astrophysical Journal</i> , 2019, 873, 96.	1.6	27
31	RELICS: Strong-lensing Analysis of the Massive Clusters MACS J0308.9+2645 and PLCK G171.9 $\hat{\sim}$ 40.7. <i>Astrophysical Journal</i> , 2018, 858, 42.	1.6	26
32	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
33	RELICS: A Strong Lens Model for SPT-CLJ0615 $\hat{\sim}$ 5746, a $z \sim 0.972$ Cluster. <i>Astrophysical Journal</i> , 2018, 863, 154.	1.6	23
34	Precise weak lensing constraints from deep high-resolution K_s images: VLT/HAWK-I analysis of the super-massive galaxy cluster RCS2 J 232727.7 $\hat{\sim}$ 020437 at $z = 0.70$. <i>Astronomy and Astrophysics</i> , 2018, 610, A85.	2.1	19
35	Hubble Frontier Field photometric catalogues of Abell 370 and RXC J2248.7 $\hat{\sim}$ 4431: multiwavelength photometry, photometric redshifts, and stellar properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 99-107.	1.6	19
36	The Grism Lens-Amplified Survey from Space (GLASS). VIII. The Influence of the Cluster Properties on H \pm Emitter Galaxies at $0.3 < z < 0.7$. <i>Astrophysical Journal</i> , 2017, 837, 126.	1.6	18

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37	RELICS: High-resolution Constraints on the Inner Mass Distribution of the $z \approx 0.83$ Merging Cluster RXJ0152.7-1357 from Strong Lensing. <i>Astrophysical Journal</i> , 2019, 874, 132.	1.6	18
38	THE GRISM LENS-AMPLIFIED SURVEY FROM SPACE (GLASS). V. EXTENT AND SPATIAL DISTRIBUTION OF STAR FORMATION IN $z \approx 0.5$ CLUSTER GALAXIES. <i>Astrophysical Journal</i> , 2015, 814, 161.	1.6	16
39	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
40	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
41	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
42	RELICS: A Very Large ($\sim 40 \text{ arc}^2$) Cluster Lensing RXC J0032.1+1808. <i>Astrophysical Journal</i> , 2020, 898, 6.	1.6	10
43	RCS2 J232727.6-020437: AN EFFICIENT COSMIC TELESCOPE AT $z = 0.6986$. <i>Astrophysical Journal</i> , 2015, 813, 37.	1.6	8
44	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
45	Automated high-throughput mouse transsynaptic viral tracing using iDISCO+ tissue clearing, light-sheet microscopy, and BrainPipe. <i>STAR Protocols</i> , 2022, 3, 101289.	0.5	5
46	Prospects for Extending the Mass-Metallicity Relation to Low Mass at High Redshift: A Case Study at $z \approx 1$. <i>Astrophysical Journal</i> , 2019, 882, 116.	1.6	1