

Austin Hoag

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Automated high-throughput mouse transsynaptic viral tracing using iDISCO+ tissue clearing, light-sheet microscopy, and BrainPipe. STAR Protocols, 2022, 3, 101289. | 0.5 | 5 |
| 2 | The size and pervasiveness of Ly α UV spatial offsets in star-forming galaxies at $z \sim 6$. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3662-3681. | 1.6 | 11 |
| 3 | Homologous organization of cerebellar pathways to sensory, motor, and associative forebrain. Cell Reports, 2021, 36, 109721. | 2.9 | 68 |
| 4 | Spectroscopically Confirmed Ly α Emitters from Redshift 5 to 7 behind 10 Galaxy Cluster Lenses. Astrophysical Journal, 2020, 896, 156. | 1.6 | 32 |
| 5 | Stellar Properties of $z \sim 8$ Galaxies in the Reionization Lensing Cluster Survey. Astrophysical Journal, 2020, 888, 124. | 1.6 | 31 |
| 6 | RELICS: The Reionization Lensing Cluster Survey and the Brightest High- z Galaxies. Astrophysical Journal, 2020, 889, 189. | 1.6 | 58 |
| 7 | RELICS: A Very Large ($\sim 4 \times 10^3$) Cluster Lensing RXC J0032.1+1808. Astrophysical Journal, 2020, 898, 6. | 1.6 | 10 |
| 8 | Constraining Lyman-alpha spatial offsets at $3 < z < 5.5$ from VANDELS slit spectroscopy. Monthly Notices of the Royal Astronomical Society, 2019, 488, 706-719. | 1.6 | 28 |
| 9 | The OSIRIS Lens-amplified Survey (OLAS). I. Dynamical Effects of Stellar Feedback in Low-mass Galaxies at $z \sim 2$. Astrophysical Journal, 2019, 880, 54. | 1.6 | 15 |
| 10 | Constraining the Neutral Fraction of Hydrogen in the IGM at Redshift 7.5. Astrophysical Journal, 2019, 878, 12. | 1.6 | 124 |
| 11 | Hubble Frontier Field photometric catalogues of Abell 370 and RXC J2248.7+4431: multiwavelength photometry, photometric redshifts, and stellar properties. Monthly Notices of the Royal Astronomical Society, 2019, 489, 99-107. | 1.6 | 19 |
| 12 | Inferences on the timeline of reionization at $z \sim 8$ from the KMOS Lens-Amplified Spectroscopic Survey. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3947-3969. | 1.6 | 142 |
| 13 | RELICS: Strong Lensing Analysis of MACS J0417.5+1154 and Predictions for Observing the Magnified High-redshift Universe with JWST. Astrophysical Journal, 2019, 873, 96. | 1.6 | 27 |
| 14 | RELICS: High-resolution Constraints on the Inner Mass Distribution of the $z \sim 0.83$ Merging Cluster RXJ0152.7-1357 from Strong Lensing. Astrophysical Journal, 2019, 874, 132. | 1.6 | 18 |
| 15 | Prospects for Extending the Mass-Metallicity Relation to Low Mass at High Redshift: A Case Study at $z \sim 1$. Astrophysical Journal, 2019, 882, 116. | 1.6 | 1 |
| 16 | RELICS: Reionization Lensing Cluster Survey. Astrophysical Journal, 2019, 884, 85. | 1.6 | 141 |
| 17 | RELICS: Strong-lensing Analysis of the Massive Clusters MACS J0308.9+2645 and PLCK G171.9+40.7. Astrophysical Journal, 2018, 858, 42. | 1.6 | 26 |
| 18 | Two peculiar fast transients in a strongly lensed host galaxy. Nature Astronomy, 2018, 2, 324-333. | 4.2 | 36 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | HST Grism Observations of a Gravitationally Lensed Redshift 9.5 Galaxy. <i>Astrophysical Journal</i> , 2018, 854, 39. | 1.6 | 32 |
| 20 | The Grism Lens-amplified Survey from Space (GLASS). XII. Spatially Resolved Galaxy Star Formation Histories and True Evolutionary Paths at $z \sim 1$. <i>Astronomical Journal</i> , 2018, 156, 29. | 1.9 | 8 |
| 21 | 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 ⁺⁰²⁰⁴³⁷ at $z = 0.70$. <i>Astronomy and Astrophysics</i> , 2018, 610, A85. | 2.1 | 19 |
| 22 | 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 |
| 23 | Mass and Light of Abell 370: A Strong and Weak Lensing Analysis. <i>Astrophysical Journal</i> , 2018, 868, 129. | 1.6 | 30 |
| 24 | 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 |
| 25 | 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 |
| 26 | RELICS: Strong Lens Models for Five Galaxy Clusters from the Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2018, 859, 159. | 1.6 | 55 |
| 27 | RELICS: A Strong Lens Model for SPT-CLJ0615 ⁺⁵⁷⁴⁶ , a $z = 0.972$ Cluster. <i>Astrophysical Journal</i> , 2018, 863, 154. | 1.6 | 23 |
| 28 | Spectroscopic confirmation of an ultra-faint galaxy at the epoch of reionization. <i>Nature Astronomy</i> , 2017, 1, . | 4.2 | 29 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | The Frontier Fields lens modelling comparison project. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3177-3216. | 1.6 | 158 |
| 34 | ALMA [C ii] 158 μ m Detection of a Redshift 7 Lensed Galaxy behind RX J1347.1 ⁺¹¹⁴⁵ . <i>Astrophysical Journal Letters</i> , 2017, 836, L2. | 3.0 | 79 |
| 35 | 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 |
| 36 | THE GRISM LENS-AMPLIFIED SURVEY FROM SPACE (GLASS). III. A CENSUS OF Ly α EMISSION AT FROM HST SPECTROSCOPY. <i>Astrophysical Journal</i> , 2016, 818, 38. | 1.6 | 60 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | DETECTION OF LYMAN-ALPHA EMISSION FROM A TRIPLY IMAGED $z = 6.85$ GALAXY BEHIND MACS J2129.4+0741. Astrophysical Journal Letters, 2016, 823, L14. | 3.0 | 31 |
| 38 | SPITZER ULTRA FAINT SURVEY PROGRAM (SURFS UP). II. IRAC-DETECTED LYMAN-BREAK GALAXIES AT $6 \times 10^{-2} < z < 10^{-2}$ BEHIND STRONG-LENSING CLUSTERS. Astrophysical Journal, 2016, 817, 11. | 1.6 | 41 |
| 39 | REFSDALE MEETS POPPER: COMPARING PREDICTIONS OF THE RE-APPEARANCE OF THE MULTIPLY IMAGED SUPERNOVA BEHIND MACSJ1149.5+2223. Astrophysical Journal, 2016, 817, 60. | 1.6 | 88 |
| 40 | THE GRISM LENS-AMPLIFIED SURVEY FROM SPACE (GLASS). VII. THE DIVERSITY OF THE DISTRIBUTION OF STAR FORMATION IN CLUSTER AND FIELD GALAXIES AT $0.3 < z < 0.7$. Astrophysical Journal, 2016, 833, 178. | 1.6 | 29 |
| 41 | THE GRISM LENS-AMPLIFIED SURVEY FROM SPACE (GLASS). I. SURVEY OVERVIEW AND FIRST DATA RELEASE. Astrophysical Journal, 2015, 812, 114. | 1.6 | 175 |
| 42 | RCS2 J232727.6-020437: AN EFFICIENT COSMIC TELESCOPE AT $z = 0.6986$. Astrophysical Journal, 2015, 813, 37. | 1.6 | 8 |
| 43 | THE GRISM LENS-AMPLIFIED SURVEY FROM SPACE (GLASS). V. EXTENT AND SPATIAL DISTRIBUTION OF STAR FORMATION IN $z < 0.5$ CLUSTER GALAXIES. Astrophysical Journal, 2015, 814, 161. | 1.6 | 16 |
| 44 | ILLUMINATING A DARK LENS: A TYPE Ia SUPERNOVA MAGNIFIED BY THE FRONTIER FIELDS GALAXY CLUSTER ABELL 2744. Astrophysical Journal, 2015, 811, 70. | 1.6 | 67 |
| 45 | THE GRISM LENS-AMPLIFIED SURVEY FROM SPACE (GLASS). IV. MASS RECONSTRUCTION OF THE LENSING CLUSTER ABELL 2744 FROM FRONTIER FIELD IMAGING AND GLASS SPECTROSCOPY. Astrophysical Journal, 2015, 811, 29. | 1.6 | 46 |
| 46 | THROUGH THE LOOKING GLASS: HST SPECTROSCOPY OF FAINT GALAXIES LENSED BY THE FRONTIER FIELDS CLUSTER MACSJ0717.5+3745. Astrophysical Journal Letters, 2014, 782, L36. | 3.0 | 117 |