

Kasper E Heintz

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,475
citations

331670

21
h-index

197818

49
g-index

58
all docs

58
docs citations

58
times ranked

3791
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Characterizing the Fast Radio Burst Host Galaxy Population and its Connection to Transients in the Local and Extragalactic Universe. <i>Astronomical Journal</i> , 2022, 163, 69. | 4.7 | 91 |
| 2 | Tracing Molecular Gas Mass in $z \sim 6$ Galaxies with [C ii]. <i>Astrophysical Journal</i> , 2022, 929, 92. | 4.5 | 22 |
| 3 | The Archival Discovery of a Strong Ly α and [C ii] Emitter at $z = 7.677$. <i>Astrophysical Journal Letters</i> , 2022, 929, L9. | 8.3 | 5 |
| 4 | Deep Optical Observations Contemporaneous with Emission from the Periodic FRB 180916J0158+65. <i>Astrophysical Journal Letters</i> , 2021, 907, L3. | 8.3 | 18 |
| 5 | Absorption-selected galaxies trace the low-mass, late-type, star-forming population at $z \sim 2-3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 546-561. | 4.4 | 8 |
| 6 | GRB host galaxies with strong H ₂ absorption: CO-dark molecular gas at the peak of cosmic star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1434-1440. | 4.4 | 0 |
| 7 | A High-resolution View of Fast Radio Burst Host Environments. <i>Astrophysical Journal</i> , 2021, 917, 75. | 4.5 | 41 |
| 8 | Constraining bright optical counterparts of fast radio bursts. <i>Astronomy and Astrophysics</i> , 2021, 653, A119. | 5.1 | 10 |
| 9 | Chronicling the Host Galaxy Properties of the Remarkable Repeating FRB 20201124A. <i>Astrophysical Journal Letters</i> , 2021, 919, L23. | 8.3 | 45 |
| 10 | Measuring the H i Content of Individual Galaxies Out to the Epoch of Reionization with [C ii]. <i>Astrophysical Journal</i> , 2021, 922, 147. | 4.5 | 25 |
| 11 | Dissecting the Local Environment of FRB 190608 in the Spiral Arm of its Host Galaxy. <i>Astrophysical Journal</i> , 2021, 922, 173. | 4.5 | 31 |
| 12 | Lyman continuum leakage in faint star-forming galaxies at redshift $z = 3-3.5$ probed by gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2020, 641, A30. | 5.1 | 13 |
| 13 | GRB 190114C in the nuclear region of an interacting galaxy. <i>Astronomy and Astrophysics</i> , 2020, 633, A68. | 5.1 | 12 |
| 14 | <i>Gaia</i> -assisted discovery of a detached low-ionisation BAL quasar with very large ejection velocities. <i>Astronomy and Astrophysics</i> , 2020, 634, A111. | 5.1 | 4 |
| 15 | Observational constraints on the optical and near-infrared emission from the neutron star-black hole binary merger candidate S190814bv. <i>Astronomy and Astrophysics</i> , 2020, 643, A113. | 5.1 | 70 |
| 16 | A Distant Fast Radio Burst Associated with Its Host Galaxy by the Very Large Array. <i>Astrophysical Journal</i> , 2020, 899, 161. | 4.5 | 62 |
| 17 | Host Galaxy Properties and Offset Distributions of Fast Radio Bursts: Implications for Their Progenitors. <i>Astrophysical Journal</i> , 2020, 903, 152. | 4.5 | 148 |
| 18 | Direct Measurement of the [C i] Luminosity to Molecular Gas Mass Conversion Factor in High-redshift Star-forming Galaxies. <i>Astrophysical Journal Letters</i> , 2020, 889, L7. | 8.3 | 25 |

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|----|--|------|-----------|
| 19 | Confronting the Magnetar Interpretation of Fast Radio Bursts through Their Host Galaxy Demographics. <i>Astrophysical Journal Letters</i> , 2020, 905, L30. | 8.3 | 16 |
| 20 | Serendipitous Discovery of a Physical Binary Quasar at $z=1.76$. <i>Astronomical Journal</i> , 2020, 159, 122. | 4.7 | 0 |
| 21 | Spectroscopic classification of a complete sample of astrometrically-selected quasar candidates using <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2020, 644, A17. | 5.1 | 5 |
| 22 | The X-shooter GRB afterglow legacy sample (XS-GRB). <i>Astronomy and Astrophysics</i> , 2019, 623, A92. | 5.1 | 47 |
| 23 | Exploring galaxy dark matter haloes across redshifts with strong quasar absorbers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2270-2279. | 4.4 | 6 |
| 24 | Silicon and iron dust in gamma-ray burst host galaxy absorbers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2599-2605. | 4.4 | 3 |
| 25 | GRB 171010A/SN 2017hpt: a GRB-SN at $z=0.33$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5366-5374. | 4.4 | 14 |
| 26 | Short GRB 160821B: A Reverse Shock, a Refreshed Shock, and a Well-sampled Kilonova. <i>Astrophysical Journal</i> , 2019, 883, 48. | 4.5 | 96 |
| 27 | Cold gas in the early Universe. <i>Astronomy and Astrophysics</i> , 2019, 621, A20. | 5.1 | 16 |
| 28 | The fraction of ionizing radiation from massive stars that escapes to the intergalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 5380-5408. | 4.4 | 43 |
| 29 | The effect of dust bias on the census of neutral gas and metals in the high-redshift Universe due to SDSS-II quasar colour selection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4377-4397. | 4.4 | 23 |
| 30 | On the dust properties of high-redshift molecular clouds and the connection to the 2175 Å extinction bump. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2063-2074. | 4.4 | 8 |
| 31 | Evidence for diffuse molecular gas and dust in the hearts of gamma-ray burst host galaxies. <i>Astronomy and Astrophysics</i> , 2019, 623, A43. | 5.1 | 41 |
| 32 | The intergalactic magnetic field probed by a giant radio galaxy. <i>Astronomy and Astrophysics</i> , 2019, 622, A16. | 5.1 | 37 |
| 33 | New constraints on the physical conditions in H ₂ -bearing GRB-host damped Lyman- α absorbers. <i>Astronomy and Astrophysics</i> , 2019, 629, A131. | 5.1 | 10 |
| 34 | <i>Gaia</i> -assisted selection of a quasar reddened by dust in an extremely strong damped Lyman- α absorber at $z = 2.226$. <i>Astronomy and Astrophysics</i> , 2019, 625, L9. | 5.1 | 9 |
| 35 | Observation of inverse Compton emission from a long γ -ray burst. <i>Nature</i> , 2019, 575, 459-463. | 27.8 | 146 |
| 36 | Identification of strontium in the merger of two neutron stars. <i>Nature</i> , 2019, 574, 497-500. | 27.8 | 278 |

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|----|--|------|-----------|
| 37 | Signatures of a jet cocoon in early spectra of a supernova associated with a γ -ray burst. <i>Nature</i> , 2019, 565, 324-327. | 27.8 | 88 |
| 38 | Unidentified quasars among stationary objects from <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2018, 615, L8. | 5.1 | 17 |
| 39 | ALMA observations of a metal-rich damped Ly α absorber at $z = 2.5832$: evidence for strong galactic winds in a galaxy group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2126-2132. | 4.4 | 19 |
| 40 | The host galaxy of the short GRB 111117A at $z = 2.211$. <i>Astronomy and Astrophysics</i> , 2018, 616, A48. | 5.1 | 26 |
| 41 | The Properties of GRB 120923A at a Spectroscopic Redshift of $z = 7.8$. <i>Astrophysical Journal</i> , 2018, 865, 107. | 4.5 | 23 |
| 42 | X-shooter and ALMA spectroscopy of GRB 161023A. <i>Astronomy and Astrophysics</i> , 2018, 620, A119. | 5.1 | 16 |
| 43 | A quasar hiding behind two dusty absorbers. <i>Astronomy and Astrophysics</i> , 2018, 615, A43. | 5.1 | 15 |
| 44 | Mass and metallicity scaling relations of high-redshift star-forming galaxies selected by GRBs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 3312-3324. | 4.4 | 30 |
| 45 | The luminous, massive and solar metallicity galaxy hosting the Swift γ -ray burst GRB 160804A at $z = 0.737$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 2738-2749. | 4.4 | 5 |
| 46 | The 2175 Å... Extinction Feature in the Optical Afterglow Spectrum of GRB 180325A at $z = 2.25$. <i>Astrophysical Journal Letters</i> , 2018, 860, L21. | 8.3 | 16 |
| 47 | X-shooting GRBs at high redshift: probing dust production history*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 108-118. | 4.4 | 18 |
| 48 | Highly ionized metals as probes of the circumburst gas in the natal regions of gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3456-3476. | 4.4 | 22 |
| 49 | VLT/X-shooter GRBs: Individual extinction curves of star-forming regions... <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1542-1554. | 4.4 | 21 |
| 50 | A kilonova as the electromagnetic counterpart to a gravitational-wave source. <i>Nature</i> , 2017, 551, 75-79. | 27.8 | 601 |
| 51 | GRB 161219B/SN 2016jca: A low-redshift gamma-ray burst supernova powered by radioactive heating. <i>Astronomy and Astrophysics</i> , 2017, 605, A107. | 5.1 | 44 |
| 52 | The High- A_V Quasar Survey: A $z = 2.027$ metal-rich damped Lyman- α absorber towards a red quasar at $z = 3.21$. <i>Astronomy and Astrophysics</i> , 2017, 606, 5.1 | | 14 |
| 53 | Steep extinction towards GRB 140506A reconciled from host galaxy observations: Evidence that steep reddening laws are local. <i>Astronomy and Astrophysics</i> , 2017, 601, A83. | 5.1 | 13 |
| 54 | Solving the conundrum of intervening strong Mg II absorbers towards gamma-ray bursts and quasars. <i>Astronomy and Astrophysics</i> , 2017, 608, A84. | 5.1 | 11 |

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|----|--|-----|-----------|
| 55 | THE EXTENDED HIGH A(V) QUASAR SURVEY: SEARCHING FOR DUSTY ABSORBERS TOWARD MID-INFRARED-SELECTED QUASARS. <i>Astrophysical Journal</i> , 2016, 832, 49. | 4.5 | 24 |
| 56 | SERENDIPITOUS DISCOVERY OF A PROJECTED PAIR OF QSOs SEPARATED BY 4.5 arcsec ON THE SKY*. <i>Astronomical Journal</i> , 2016, 152, 13. | 4.7 | 4 |
| 57 | Determining the fraction of reddened quasars in COSMOS with multiple selection techniques from X-ray to radio wavelengths. <i>Astronomy and Astrophysics</i> , 2016, 595, A13. | 5.1 | 8 |
| 58 | A study of purely astrometric selection of extragalactic point sources with <i>Gaia</i> . <i>Astronomy and Astrophysics</i> , 2015, 578, A91. | 5.1 | 12 |