Kasper E Heintz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6888264/publications.pdf

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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	A kilonova as the electromagnetic counterpart to a gravitational-wave source. Nature, 2017, 551, 75-79.	27.8	601
2	Identification of strontium in the merger of two neutron stars. Nature, 2019, 574, 497-500.	27.8	278
3	Host Galaxy Properties and Offset Distributions of Fast Radio Bursts: Implications for Their Progenitors. Astrophysical Journal, 2020, 903, 152.	4.5	148
4	Observation of inverse Compton emission from a long Î³-ray burst. Nature, 2019, 575, 459-463.	27.8	146
5	Short GRB 160821B: A Reverse Shock, a Refreshed Shock, and a Well-sampled Kilonova. Astrophysical Journal, 2019, 883, 48.	4.5	96
6	Characterizing the Fast Radio Burst Host Galaxy Population and its Connection to Transients in the Local and Extragalactic Universe. Astronomical Journal, 2022, 163, 69.	4.7	91
7	Signatures of a jet cocoon in early spectra of a supernova associated with a Î³-ray burst. Nature, 2019, 565, 324-327.	27.8	88
8	Observational constraints on the optical and near-infrared emission from the neutron starâ€“black hole binary merger candidate S190814bv. Astronomy and Astrophysics, 2020, 643, A113.	5.1	70
9	A Distant Fast Radio Burst Associated with Its Host Galaxy by the Very Large Array. Astrophysical Journal, 2020, 899, 161.	4.5	62
10	The X-shooter GRB afterglow legacy sample (XS-GRB). Astronomy and Astrophysics, 2019, 623, A92.	5.1	47
11	Chronicling the Host Galaxy Properties of the Remarkable Repeating FRB 20201124A. Astrophysical Journal Letters, 2021, 919, L23.	8.3	45
12	GRB 161219B/SN 2016jca: A low-redshift gamma-ray burst supernova powered by radioactive heating. Astronomy and Astrophysics, 2017, 605, A107.	5.1	44
13	The fraction of ionizing radiation from massive stars that escapes to the intergalactic medium. Monthly Notices of the Royal Astronomical Society, 2019, 483, 5380-5408.	4.4	43
14	Evidence for diffuse molecular gas and dust in the hearts of gamma-ray burst host galaxies. Astronomy and Astrophysics, 2019, 623, A43.	5.1	41
15	A High-resolution View of Fast Radio Burst Host Environments. Astrophysical Journal, 2021, 917, 75.	4.5	41
16	The intergalactic magnetic field probed by a giant radio galaxy. Astronomy and Astrophysics, 2019, 622, A16.	5.1	37
17	Dissecting the Local Environment of FRB 190608 in the Spiral Arm of its Host Galaxy. Astrophysical Journal, 2021, 922, 173.	4.5	31
18	Mass and metallicity scaling relations of high-redshift star-forming galaxies selected by GRBs. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3312-3324.	4.4	30

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19	The host galaxy of the short GRB 111117A at z = 2.211. Astronomy and Astrophysics, 2018, 616, A48.	5.1	26
20	Direct Measurement of the [C i] Luminosity to Molecular Gas Mass Conversion Factor in High-redshift Star-forming Galaxies. Astrophysical Journal Letters, 2020, 889, L7.	8.3	25
21	Measuring the H i Content of Individual Galaxies Out to the Epoch of Reionization with [C ii]. Astrophysical Journal, 2021, 922, 147.	4.5	25
22	THE EXTENDED HIGH A(V) QUASAR SURVEY: SEARCHING FOR DUSTY ABSORBERS TOWARD MID-INFRARED-SELECTED QUASARS. Astrophysical Journal, 2016, 832, 49.	4.5	24
23	The Properties of GRB 120923A at a Spectroscopic Redshift of zÂâ‰ˆÂ7.8. Astrophysical Journal, 2018, 865, 107.	4.5	23
24	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. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4377-4397.	4.4	23
25	Highly ionized metals as probes of the circumburst gas in the natal regions of gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3456-3476.	4.4	22
26	Tracing Molecular Gas Mass in *z* â‰ƒ 6 Galaxies with [C ii]. Astrophysical Journal, 2022, 929, 92.	4.5	22
27	VLT/X-shooter GRBs: Individual extinction curves of star-forming regionsâ˜…. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1542-1554.	4.4	21
28	ALMA observations of a metal-rich damped LyÂÎ± absorber at *z* = 2.5832: evidence for strong galactic winds in a galaxy group. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2126-2132.	4.4	19
29	X-shooting GRBs at high redshift: probing dust production history*. Monthly Notices of the Royal Astronomical Society, 2018, 480, 108-118.	4.4	18
30	Deep Optical Observations Contemporaneous with Emission from the Periodic FRB 180916.J0158+65. Astrophysical Journal Letters, 2021, 907, L3.	8.3	18
31	Unidentified quasars among stationary objects from Gaia DR2. Astronomy and Astrophysics, 2018, 615, L8.	5.1	17
32	X-shooter and ALMA spectroscopy of GRB 161023A. Astronomy and Astrophysics, 2018, 620, A119.	5.1	16
33	The 2175 Ã… Extinction Feature in the Optical Afterglow Spectrum of GRB 180325A at zÂ=Â2.25^{âˆ—}. Astrophysical Journal Letters, 2018, 860, L21.	8.3	16
34	Cold gas in the early Universe. Astronomy and Astrophysics, 2019, 621, A20.	5.1	16
35	Confronting the Magnetar Interpretation of Fast Radio Bursts through Their Host Galaxy Demographics. Astrophysical Journal Letters, 2020, 905, L30.	8.3	16
36	A quasar hiding behind two dusty absorbers. Astronomy and Astrophysics, 2018, 615, A43.	5.1	15

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37	The HighA_VQuasar Survey: Azâ€‰=â€‰2.027 metal-rich damped Lyman-Î±absorber towards a red quasar atzâ€‰=â€‰3.21. Astronomy and Astrophysics, 2017, 606, A13.	5.1	14
38	GRBâ€‰171010A/SNâ€‰2017htp: a GRB-SN at zÂ=Â0.33. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5366-5374.	4.4	14
39	Steep extinction towards GRBâ€‰140506A reconciled from host galaxy observations: Evidence that steep reddening laws are local. Astronomy and Astrophysics, 2017, 601, A83.	5.1	13
40	Lyman continuum leakage in faint star-forming galaxies at redshiftz= 3â^'3.5 probed by gamma-ray bursts. Astronomy and Astrophysics, 2020, 641, A30.	5.1	13
41	GRB 190114C in the nuclear region of an interacting galaxy. Astronomy and Astrophysics, 2020, 633, A68.	5.1	12
42	A study of purely astrometric selection of extragalactic point sources withGaia. Astronomy and Astrophysics, 2015, 578, A91.	5.1	12
43	Solving the conundrum of intervening strong Mgâ€‰II absorbers towards gamma-ray bursts and quasars. Astronomy and Astrophysics, 2017, 608, A84.	5.1	11
44	New constraints on the physical conditions in H₂-bearing GRB-host damped Lyman-Î± absorbers. Astronomy and Astrophysics, 2019, 629, A131.	5.1	10
45	Constraining bright optical counterparts of fast radio bursts. Astronomy and Astrophysics, 2021, 653, A119.	5.1	10
46	Gaia-assisted selection of a quasar reddened by dust in an extremely strong damped Lyman-Î± absorber at z = 2.226. Astronomy and Astrophysics, 2019, 625, L9.	5.1	9
47	Determining the fraction of reddened quasars in COSMOS with multiple selection techniques from X-ray to radio wavelengths. Astronomy and Astrophysics, 2016, 595, A13.	5.1	8
48	On the dust properties of high-redshift molecular clouds and the connection to the 2175â€‰Ã…Âextinction bump. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2063-2074.	4.4	8
49	Absorption-selected galaxies trace the low-mass, late-type, star-forming population at zÂâ^¼ 2â€“3. Monthly Notices of the Royal Astronomical Society, 2021, 506, 546-561.	4.4	8
50	Exploring galaxy dark matter haloes across redshifts with strong quasar absorbers. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2270-2279.	4.4	6
51	The luminous, massive and solar metallicity galaxy hosting the Swift Î³-ray burst GRBâ€‰160804A at zÂ=Â0.737. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2738-2749.	4.4	5
52	Spectroscopic classification of a complete sample of astrometrically-selected quasar candidates using Gaia DR2. Astronomy and Astrophysics, 2020, 644, A17.	5.1	5
53	The Archival Discovery of a Strong LyÎ± and [C ii] Emitter at z = 7.677. Astrophysical Journal Letters, 2022, 929, L9.	8.3	5
54	SERENDIPITOUS DISCOVERY OF A PROJECTED PAIR OF QSOs SEPARATED BY 4.5 arcsec ON THE SKY*. Astronomical Journal, 2016, 152, 13.	4.7	4

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55	Gaia-assisted discovery of a detached low-ionisation BAL quasar with very large ejection velocities. Astronomy and Astrophysics, 2020, 634, A111.	5.1	4
56	Silicon and iron dust in gamma-ray burst host galaxy absorbers. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2599-2605.	4.4	3
57	GRB host galaxies with strong H2 absorption: CO-dark molecular gas at the peak of cosmic star formation. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1434-1440.	4.4	0
58	Serendipitous Discovery of a Physical Binary Quasar at zÂ=Â1.76. Astronomical Journal, 2020, 159, 122.	4.7	0