

# Thomas Kruehler

## List of Publications by Year in descending order

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132  
papers

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citations

36271

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54882

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132  
docs citations

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times ranked

4737  
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#	ARTICLE	IF	CITATIONS
1	Highly luminous supernovae associated with gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2019, 624, A143.	2.1	33
2	The X-shooter GRB afterglow legacy sample (XS-GRB). <i>Astronomy and Astrophysics</i> , 2019, 623, A92.	2.1	47
3	Four GRB supernovae at redshifts between 0.4 and 0.8. <i>Astronomy and Astrophysics</i> , 2019, 622, A138.	2.1	20
4	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.	1.6	43
5	Investigating the diversity of supernovae type Ia: a MUSE and NOT spectroscopic study of their environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1359-1387.	1.6	40
6	The host galaxies of long gamma-ray bursts through cosmic time. <i>International Journal of Modern Physics D</i> , 2018, 27, 1842001.	0.9	1
7	The supermassive black hole coincident with the luminous transient ASASSN-15lh. <i>Astronomy and Astrophysics</i> , 2018, 610, A14.	2.1	24
8	The optical/NIR afterglow of GRB 111209A: Complex yet not unprecedented. <i>Astronomy and Astrophysics</i> , 2018, 617, A122.	2.1	25
9	The Properties of GRB 120923A at a Spectroscopic Redshift of $z \approx 7.8$ . <i>Astrophysical Journal</i> , 2018, 865, 107.	1.6	23
10	The luminous host galaxy, faint supernova and rapid afterglow rebrightening of GRB 100418A. <i>Astronomy and Astrophysics</i> , 2018, 620, A190.	2.1	13
11	Dust reddening and extinction curves toward gamma-ray bursts at $z > 4$ . <i>Astronomy and Astrophysics</i> , 2018, 609, A62.	2.1	20
12	The lowest-metallicity type II supernova from the highest-mass red supergiant progenitor. <i>Nature Astronomy</i> , 2018, 2, 574-579.	4.2	26
13	The environment of the SN-less GRB 111005A at $z = 0.0133$ . <i>Astronomy and Astrophysics</i> , 2018, 615, A136.	2.1	22
14	The chemical enrichment of long gamma-ray bursts nurseries up to $z = 2$ . <i>Astronomy and Astrophysics</i> , 2017, 599, A120.	2.1	33
15	The superluminous transient ASASSN-15lh as a tidal disruption event from a Kerr black hole. <i>Nature Astronomy</i> , 2017, 1, .	4.2	154
16	Serendipitous Discovery of an Optical Emission-line Jet in NGC 232. <i>Astrophysical Journal Letters</i> , 2017, 850, L17.	3.0	11
17	Hot gas around SN 1998bw: Inferring the progenitor from its environment. <i>Astronomy and Astrophysics</i> , 2017, 602, A85.	2.1	56
18	Gas inflow and outflow in an interacting high-redshift galaxy. <i>Astronomy and Astrophysics</i> , 2017, 607, A107.	2.1	16

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19	MUSE REVEALS A RECENT MERGER IN THE POST-STARBURST HOST GALAXY OF THE TDE ASASSN-14li. <i>Astrophysical Journal Letters</i> , 2016, 830, L32.	3.0	40
20	Microphysics and dynamics of the gamma-ray burst 121024A. <i>Astronomy and Astrophysics</i> , 2016, 589, A37.	2.1	7
21	THE SWIFT GRB HOST GALAXY LEGACY SURVEY. II. REST-FRAME NEAR-IR LUMINOSITY DISTRIBUTION AND EVIDENCE FOR A NEAR-SOLAR METALLICITY THRESHOLD. <i>Astrophysical Journal</i> , 2016, 817, 8.	1.6	135
22	Characterizing the environments of supernovae with MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4087-4099.	1.6	91
23	A quasar reddened by a sub-parsec-sized, metal-rich and dusty cloud in a damped Lyman- $\alpha$ absorber at $z = 2.13$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 2698-2711.	1.6	40
24	THE SWIFT GAMMA-RAY BURST HOST GALAXY LEGACY SURVEY. I. SAMPLE SELECTION AND REDSHIFT DISTRIBUTION. <i>Astrophysical Journal</i> , 2016, 817, 7.	1.6	103
25	A Revised Host Galaxy Association for GRB 020819B: A High-Redshift Dusty Starburst, Not a Low-Redshift Gas-Poor Spiral. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, , .	1.2	29
26	Unresolved versus resolved: testing the validity of young simple stellar population models with VLT/MUSE observations of NGC 3603. <i>Astronomy and Astrophysics</i> , 2016, 593, A78.	2.1	19
27	Spectroscopy of superluminous supernova host galaxies. A preference of hydrogen-poor events for extreme emission line galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 917-932.	1.6	174
28	VLT/X-Shooter spectroscopy of the afterglow of the Swift GRB 130606A. <i>Astronomy and Astrophysics</i> , 2015, 580, A139.	2.1	66
29	GAMMA-RAY BURSTS TRACE UV METRICS OF STAR FORMATION OVER 3 <math>z</math> 5. <i>Astrophysical Journal</i> , 2015, 809, 76.	1.6	50
30	LSQ14bdq: A TYPE Ic SUPER-LUMINOUS SUPERNOVA WITH A DOUBLE-PEAKED LIGHT CURVE. <i>Astrophysical Journal Letters</i> , 2015, 807, L18.	3.0	98
31	Are long gamma-ray bursts biased tracers of star formation? Clues from the host galaxies of the Swift/BAT6 complete sample of LGRBs. <i>Astronomy and Astrophysics</i> , 2015, 581, A102.	2.1	95
32	The warm, the excited, and the molecular gas: GRB 121024A shining through its star-forming galaxy... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 167-183.	1.6	59
33	Identifying the host galaxy of the short GRB 100628A. <i>Astronomy and Astrophysics</i> , 2015, 583, A88.	2.1	4
34	Spectrophotometric analysis of gamma-ray burst afterglow extinction curves with X-Shooter. <i>Astronomy and Astrophysics</i> , 2015, 579, A74.	2.1	30
35	MUSE integral-field spectroscopy towards the Frontier Fields cluster Abell S1063. <i>Astronomy and Astrophysics</i> , 2015, 574, A11.	2.1	69
36	GRB 140606B/iPTF14bfu: detection of shock-breakout emission from a cosmological $\gamma$ -ray burst?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1535-1552.	1.6	28

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37	Multiwavelength analysis of three supernovae associated with gamma-ray bursts observed by GROND. <i>Astronomy and Astrophysics</i> , 2015, 577, A44.	2.1	14
38	Super-solar metallicity at the position of the ultra-long GRB 130925A. <i>Astronomy and Astrophysics</i> , 2015, 579, A126.	2.1	29
39	GRB host galaxies with VLT/X-Shooter: properties at $0.8 < z < /i> \hat{A} < /i> \hat{A} 1.3$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3293-3303.	1.6	16
40	GRB-selected galaxies through cosmic time. <i>Astronomische Nachrichten</i> , 2015, 336, 487-492.	0.6	2
41	A very luminous magnetar-powered supernova associated with an ultra-long $\hat{I}^3$ -ray burst. <i>Nature</i> , 2015, 523, 189-192.	13.7	233
42	THE OPTICALLY UNBIASED GRB HOST (TOUGH) SURVEY. VII. THE HOST GALAXY LUMINOSITY FUNCTION: PROBING THE RELATIONSHIP BETWEEN GRBs AND STAR FORMATION TO REDSHIFT $\hat{a}^146$ . <i>Astrophysical Journal</i> , 2015, 808, 73.	1.6	60
43	CONNECTING GRBs AND ULIRGs: A SENSITIVE, UNBIASED SURVEY FOR RADIO EMISSION FROM GAMMA-RAY BURST HOST GALAXIES AT $0 < z < /i> \hat{A} < /i> 2.5$ . <i>Astrophysical Journal</i> , 2015, 801, 102.	1.6	61
44	GRB hosts through cosmic time. <i>Astronomy and Astrophysics</i> , 2015, 581, A125.	2.1	149
45	GROND coverage of the main peak of gamma-ray burst 130925A. <i>Astronomy and Astrophysics</i> , 2014, 568, A75.	2.1	27
46	A trio of gamma-ray burst supernovae. <i>Astronomy and Astrophysics</i> , 2014, 568, A19.	2.1	62
47	A NEW POPULATION OF ULTRA-LONG DURATION GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2014, 781, 13.	1.6	207
48	THE METALLICITY AND DUST CONTENT OF A REDSHIFT 5 GAMMA-RAY BURST HOST GALAXY. <i>Astrophysical Journal</i> , 2014, 785, 150.	1.6	64
49	GRB 120422A/SN 2012bz: Bridging the gap between low- and high-luminosity gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2014, 566, A102.	2.1	87
50	Prompt emission of GRB 121217A from gamma-rays to the near-infrared. <i>Astronomy and Astrophysics</i> , 2014, 562, A100.	2.1	16
51	GRB 120711A: an intense INTEGRAL burst with long-lasting soft $\hat{I}^3$ -ray emission and a powerful optical flash. <i>Astronomy and Astrophysics</i> , 2014, 567, A84.	2.1	27
52	The mysterious optical afterglow spectrum of GRB 140506A at $z = 0.889$ . <i>Astronomy and Astrophysics</i> , 2014, 572, A12.	2.1	39
53	Afterglow rebrightenings as a signature of a long-lasting central engine activity?. <i>Astronomy and Astrophysics</i> , 2014, 562, A29.	2.1	30
54	Spectroscopy of the short-hard GRB 130603B. <i>Astronomy and Astrophysics</i> , 2014, 563, A62.	2.1	71

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55	<i>Herschel</i> observations of gamma-ray burst host galaxies: implications for the topology of the dusty interstellar medium. <i>Astronomy and Astrophysics</i> , 2014, 570, A52.	2.1	24
56	DISCOVERY OF THE BROAD-LINED TYPE Ic SN 2013cq ASSOCIATED WITH THE VERY ENERGETIC GRB 130427A. <i>Astrophysical Journal</i> , 2013, 776, 98.	1.6	99
57	Dust extinctions for an unbiased sample of gamma-ray burst afterglows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1231-1244.	1.6	86
58	On the two high-metallicity DLAs at $z=2.412$ and $2.583$ towards QJ0918+1636.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 361-370.	1.6	70
59	HELIUM IN NATAL H II REGIONS: THE ORIGIN OF THE X-RAY ABSORPTION IN GAMMA-RAY BURST AFTERGLOWS. <i>Astrophysical Journal</i> , 2013, 768, 23.	1.6	44
60	VLT/X-SHOOTER NEAR-INFRARED SPECTROSCOPY AND <i>HST</i> IMAGING OF GRAVITATIONALLY LENSED $z \sim 2$ COMPACT QUIESCENT GALAXIES. <i>Astrophysical Journal</i> , 2013, 777, 87.	1.6	14
61	A POPULATION OF MASSIVE, LUMINOUS GALAXIES HOSTING HEAVILY DUST-OBSCURED GAMMA-RAY BURSTS: IMPLICATIONS FOR THE USE OF GRBs AS TRACERS OF COSMIC STAR FORMATION. <i>Astrophysical Journal</i> , 2013, 778, 128.	1.6	160
62	GRB 100219A with X-shooter " abundances in a galaxy at $z=4.7$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 3590-3606.	1.6	66
63	The Redshift Distribution of the TOUGH Survey. <i>EAS Publications Series</i> , 2013, 61, 397-401.	0.3	0
64	A deep search for the host galaxies of GRBs with no detected optical afterglow. <i>EAS Publications Series</i> , 2013, 61, 431-433.	0.3	0
65	Short GRB afterglows observed with GROND. <i>EAS Publications Series</i> , 2013, 61, 325-330.	0.3	0
66	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , 2013, 763, 71.	1.6	75
67	The unusual afterglow of the gamma-ray burst 100621A. <i>Astronomy and Astrophysics</i> , 2013, 560, A70.	2.1	34
68	The low-extinction afterglow in the solar-metallicity host galaxy of $z \sim 3$ gamma-ray burst 110918A. <i>Astronomy and Astrophysics</i> , 2013, 556, A23.	2.1	45
69	Molecular hydrogen in the damped Lyman $\alpha$ system towards GRB 120815A at $z = 2.36$ . <i>Astronomy and Astrophysics</i> , 2013, 557, A18.	2.1	72
70	Clustering of galaxies around gamma-ray burst sight-lines. <i>Astronomy and Astrophysics</i> , 2013, 552, A143.	2.1	4
71	First simultaneous optical/near-infrared imaging of an X-ray selected, high-redshift cluster of galaxies with GROND. <i>Astronomy and Astrophysics</i> , 2012, 540, A45.	2.1	14
72	The fast evolution of SN 2010bh associated with XRF 100316D. <i>Astronomy and Astrophysics</i> , 2012, 539, A76.	2.1	51

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73	GRB 091029: at the limit of the fireball scenario. <i>Astronomy and Astrophysics</i> , 2012, 546, A101.	2.1	17
74	THE PROPERTIES OF THE 2175 Å... EXTINCTION FEATURE DISCOVERED IN GRB AFTERGLOWS. <i>Astrophysical Journal</i> , 2012, 753, 82.	1.6	61
75	The dust extinction curves of gamma-ray burst host galaxies. <i>Astronomy and Astrophysics</i> , 2012, 537, A15.	2.1	78
76	BL Lacertae objects beyond redshift 1.3 – UV-to-NIR photometry and photometric redshift for <i>Fermi</i> /LAT blazars. <i>Astronomy and Astrophysics</i> , 2012, 538, A26.	2.1	69
77	THE OPTICALLY UNBIASED GRB HOST (TOUGH) SURVEY. VI. RADIO OBSERVATIONS AT $z < 1$ AND CONSISTENCY WITH TYPICAL STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2012, 755, 85.	1.6	74
78	Detailed optical and near-infrared polarimetry, spectroscopy and broad-band photometry of the afterglow of GRB 091018: polarization evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 2-22.	1.6	52
79	THE OPTICALLY UNBIASED GAMMA-RAY BURST HOST (TOUGH) SURVEY. I. SURVEY DESIGN AND CATALOGS. <i>Astrophysical Journal</i> , 2012, 756, 187.	1.6	156
80	THE OPTICALLY UNBIASED GRB HOST (TOUGH) SURVEY. V. VLT/X-SHOOTER EMISSION-LINE REDSHIFTS FOR <i>SWIFT</i> GRBs AT $z < 2$ . <i>Astrophysical Journal</i> , 2012, 758, 46.	1.6	57
81	A deep search for the host galaxies of gamma-ray bursts with no detected optical afterglow. <i>Astronomy and Astrophysics</i> , 2012, 545, A77.	2.1	60
82	Galaxy counterparts of intervening high- $z$ sub-DLAs/DLAs and Mg ii absorbers towards gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2012, 546, A20.	2.1	21
83	The late-time afterglow of the extremely energetic short burst GRB 090510 revisited. <i>Astronomy and Astrophysics</i> , 2012, 538, L7.	2.1	25
84	Multi-color observations of short GRB afterglows: 20 events observed between 2007 and 2010. <i>Astronomy and Astrophysics</i> , 2012, 548, A101.	2.1	43
85	The metal-enriched host of an energetic $> 10^5$ GeV $\gamma$ -ray burst at $z \approx 1.6$ . <i>Astronomy and Astrophysics</i> , 2012, 546, A8.	2.1	40
86	Supersolar metal abundances in two galaxies at $z \approx 3.57$ revealed by the GRB 090323 afterglow spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 627-636.	1.6	88
87	The missing gas problem in GRB host galaxies: evidence for a highly ionised component. <i>Astronomy and Astrophysics</i> , 2011, 525, A113.	2.1	52
88	GRB 091127: The cooling break race on magnetic fuel. <i>Astronomy and Astrophysics</i> , 2011, 535, A57.	2.1	51
89	Photometric redshifts for gamma-ray burst afterglows from GROND and <i>Swift</i> /UVOT. <i>Astronomy and Astrophysics</i> , 2011, 526, A153.	2.1	47
90	GRB 050502B optical afterglow: a jet-break at high redshift. <i>Astronomy and Astrophysics</i> , 2011, 526, A154.	2.1	11

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91	GRB 071028B, a burst behind large amounts of dust in an unabsorbed galaxy. <i>Astronomy and Astrophysics</i> , 2011, 529, A110.	2.1	5
92	The nature of dark gamma-ray bursts. , 2011, , .		0
93	The Optically Unbiased GRB Host (TOUGH) Survey. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 187-190.	0.0	3
94	Dust and metal column densities in GRB host galaxies. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 199-206.	0.0	1
95	The Fast Evolution of SN 2010bh associated with GRB 100316D. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 375-376.	0.0	0
96	Optical and near-infrared flares in GRB afterglows. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 46-53.	0.0	1
97	A PHOTOMETRIC REDSHIFT OF $z \approx 9.4$ FOR GRB 090429B. <i>Astrophysical Journal</i> , 2011, 736, 7.	1.6	352
98	GRB 090426: Discovery of a jet break in a short burst afterglow. <i>Astronomy and Astrophysics</i> , 2011, 531, L6.	2.1	52
99	On the nature of the extremely fast optical rebrightening of the afterglow of GRB 081029. <i>Astronomy and Astrophysics</i> , 2011, 531, A39.	2.1	49
100	The Swift/Fermi GRB 080928 from 1 eV to 150 keV. <i>Astronomy and Astrophysics</i> , 2011, 529, A142.	2.1	44
101	The nature of dark gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2011, 526, A30.	2.1	187
102	The circumburst density profile around GRB progenitors: a statistical study. <i>Astronomy and Astrophysics</i> , 2011, 526, A23.	2.1	71
103	Fermi/GBM observations of the ultra-long GRB 091024. <i>Astronomy and Astrophysics</i> , 2011, 528, A15.	2.1	43
104	Fermi/GBM observations of the ultra-long GRB 091024. , 2011, , .		2
105	What can produce a sharp late time optical re-brightening? Optical bumps in the multi-color imaging era. , 2011, , .		0
106	The circumburst density profile around GRB progenitors. , 2011, , .		1
107	The two-component jet of GRB 080413B. <i>Astronomy and Astrophysics</i> , 2011, 526, A113.	2.1	53
108	The SEDs and host galaxies of the dustiest GRB afterglows. <i>Astronomy and Astrophysics</i> , 2011, 534, A108.	2.1	142

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109	The Standard Model of GRBs at Face with GRB 090102A. , 2010, , .		0
110	PKS 0537-286, carrying the information of the environment of SMBHs in the early Universe. Astronomy and Astrophysics, 2010, 509, A69.	2.1	14
111	Highly extinguished host galaxy of the dark GRB 020819. , 2010, , .		0
112	GRB 081008: FROM BURST TO AFTERGLOW AND THE TRANSITION PHASE IN BETWEEN. Astrophysical Journal, 2010, 711, 870-880.	1.6	25
113	A VERY METAL-POOR DAMPED LYMAN- $\alpha$ SYSTEM REVEALED THROUGH THE MOST ENERGETIC GRB 090926A. Astrophysical Journal, 2010, 720, 862-871.	1.6	52
114	The nature of "dark" gamma-ray bursts. , 2010, , .		1
115	Testing gamma-ray burst models with the afterglow of GRB 090102. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	17
116	Evidence for supernova-synthesized dust from the rising afterglow of GRB 071025 at $z \approx 5$ . Monthly Notices of the Royal Astronomical Society, 2010, 406, 2473-2487.	1.6	70
117	Highly extinguished host galaxy of the dark GRB 020819. Astronomy and Astrophysics, 2010, 515, L2.	2.1	16
118	Optical/IR counterpart to the resolved X-ray jet source CXO J172337.5+373442 and its distance. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 409, L114-L118.	1.2	1
119	A STRONG OPTICAL FLARE BEFORE THE RISING AFTERGLOW OF GRB 080129. Astrophysical Journal, 2009, 693, 1912-1919.	1.6	75
120	CORRELATED OPTICAL AND X-RAY FLARES IN THE AFTERGLOW OF XRF 071031. Astrophysical Journal, 2009, 697, 758-768.	1.6	57
121	GRB 080913 AT REDSHIFT 6.7. Astrophysical Journal, 2009, 693, 1610-1620.	1.6	175
122	The redshift and afterglow of the extremely energetic gamma-ray burst GRB 080916C. Astronomy and Astrophysics, 2009, 498, 89-94.	2.1	92
123	Rise and fall of the X-ray flash 080330: an off-axis jet?. Astronomy and Astrophysics, 2009, 499, 439-453.	2.1	44
124	The bright optical/NIR afterglow of the faint GRB 080710 " evidence of a jet viewed off-axis. Astronomy and Astrophysics, 2009, 508, 593-598.	2.1	44
125	The afterglow of XRF 071031: Evidence for correlated optical and X-ray flares. , 2009, , .		0
126	A $\gamma$ -ray burst at a redshift of $z \approx 8.2$ . Nature, 2009, 461, 1254-1257.	13.7	535



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127	OGLE2-TR-L9b: an exoplanet transiting a rapidly rotating F3 star. <i>Astronomy and Astrophysics</i> , 2009, 497, 545-550.	2.1	34
128	GROND's 7-Channel Imager. <i>Publications of the Astronomical Society of the Pacific</i> , 2008, 120, 405-424.	1.0	325
129	First Results of GROND. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	15
130	Dark bursts in the Swift era. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	1
131	The 2175 Å... Dust Feature in a Gamma-Ray Burst Afterglow at Redshift 2.45. <i>Astrophysical Journal</i> , 2008, 685, 376-383.	1.6	175
132	A photometric redshift of $z = 1.8^{+0.4}_{-0.3}$ for the <i>AGILE</i> GRB 080514B. <i>Astronomy and Astrophysics</i> , 2008, 491, L29-L32.	2.1	14