

Andrea Melandri

List of Publications by Year in descending order

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139
papers

8,677
citations

36303

51
h-index

45317

90
g-index

139
all docs

139
docs citations

139
times ranked

5796
citing authors

#	ARTICLE	IF	CITATIONS
19	Unveiling the enigma of ATLAS17aeu. <i>Astronomy and Astrophysics</i> , 2019, 621, A81.	5.1	1
20	Swift-XRT Follow-up of Gravitational-wave Triggers in the Second Advanced LIGO/Virgo Observing Run. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 15.	7.7	16
21	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am [—] . <i>Astrophysical Journal</i> , 2018, 853, 62.	4.5	87
22	SN 2017dio: A Type-Ic Supernova Exploding in a Hydrogen-rich Circumstellar Medium [—] . <i>Astrophysical Journal Letters</i> , 2018, 854, L14.	8.3	28
23	GRB 171205A/SN 2017iuk: A local low-luminosity gamma-ray burst. <i>Astronomy and Astrophysics</i> , 2018, 619, A66.	5.1	36
24	Bulk Lorentz factors of gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2018, 609, A112.	5.1	76
25	The evolution of the X-ray afterglow emission of GW 170817/ GRB 170817A in <i><i>XMM-Newton</i></i> observations. <i>Astronomy and Astrophysics</i> , 2018, 613, L1.	5.1	150
26	The THESEUS space mission concept: science case, design and expected performances. <i>Advances in Space Research</i> , 2018, 62, 191-244.	2.6	133
27	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. <i>Nature</i> , 2017, 551, 67-70.	27.8	715
28	The unpolarized macronova associated with the gravitational wave event GW 170817. <i>Nature Astronomy</i> , 2017, 1, 791-794.	10.1	75
29	<i><i>Swift</i></i> and <i><i>NuSTAR</i></i> observations of GW170817: Detection of a blue kilonova. <i>Science</i> , 2017, 358, 1565-1570.	12.6	399
30	The Emergence of a Lanthanide-rich Kilonova Following the Merger of Two Neutron Stars. <i>Astrophysical Journal Letters</i> , 2017, 848, L27.	8.3	507
31	Polarimetry and Photometry of Gamma-Ray Bursts with RINGO2. <i>Astrophysical Journal</i> , 2017, 843, 143.	4.5	26
32	The 999th <i><i>Swift</i></i> gamma-ray burst: Some like it thermal. <i>Astronomy and Astrophysics</i> , 2017, 598, A23.	5.1	20
33	Optical photometry and spectroscopy of the low-luminosity, broad-lined Ic supernova iPTF15dld. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 1848-1856.	4.4	4
34	Limits on quantum gravity effects from <i><i>Swift</i></i> short gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2017, 607, A121.	5.1	17
35	Colour variations in the GRBâ€™120327A afterglow. <i>Astronomy and Astrophysics</i> , 2017, 607, A29.	5.1	4
36	A time domain experiment with <i><i>Swift</i></i> : monitoring of seven nearby galaxies. <i>Astronomy and Astrophysics</i> , 2016, 587, A147.	5.1	9

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37	Searching for narrow absorption and emission lines in <i>XMM-Newton</i> spectra of gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2016, 592, A85.	5.1	6
38	The first time domain experiment with Swift: monitoring of seven nearby galaxies. <i>Journal of Physics: Conference Series</i> , 2016, 718, 072002.	0.4	0
39	Short gamma-ray bursts at the dawn of the gravitational wave era. <i>Astronomy and Astrophysics</i> , 2016, 594, A84.	5.1	96
40	The rate and luminosity function of long gamma ray bursts. <i>Astronomy and Astrophysics</i> , 2016, 587, A40.	5.1	61
41	PAN-CHROMATIC OBSERVATIONS OF THE RECURRENT NOVA LMC 2009a (LMC 1971b). <i>Astrophysical Journal</i> , 2016, 818, 145.	4.5	20
42	Evidence for the magnetar nature of 1E161348+5055 in RCW103. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2394-2404.	4.4	49
43	LIMITS ON OPTICAL POLARIZATION DURING THE PROMPT PHASE OF GRB 140430A. <i>Astrophysical Journal</i> , 2015, 813, 1.	4.5	25
44	SN 2013dx associated with GRB130702A: a detailed photometric and spectroscopic monitoring and a study of the environment. <i>Astronomy and Astrophysics</i> , 2015, 577, A116.	5.1	45
45	Are long gamma-ray bursts biased tracers of star formation? Clues from the host galaxies of the <i>Swift</i> /BAT6 complete sample of LGRBs. <i>Astronomy and Astrophysics</i> , 2015, 581, A102.	5.1	95
46	Spectrophotometric analysis of gamma-ray burst afterglow extinction curves with X-Shooter. <i>Astronomy and Astrophysics</i> , 2015, 579, A74.	5.1	30
47	Unveiling the population of orphan γ -ray bursts. <i>Astronomy and Astrophysics</i> , 2015, 578, A71.	5.1	35
48	The optical rebrightening of GRB100814A: an interplay of forward and reverse shocks?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1024-1042.	4.4	14
49	There is a short gamma-ray burst prompt phase at the beginning of each long one. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 403-416.	4.4	26
50	Accessing the population of high-redshift Gamma Ray Bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 2514-2524.	4.4	29
51	RADIO FLARES FROM GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2015, 806, 179.	4.5	13
52	Comparing the spectral lag of short and long gamma-ray bursts and its relation with the luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1129-1138.	4.4	53
53	The high-redshift gamma-ray burst GRB140515A. <i>Astronomy and Astrophysics</i> , 2015, 581, A86.	5.1	23
54	The nature of the late achromatic bump in GRB120326A. <i>Astronomy and Astrophysics</i> , 2014, 572, A55.	5.1	18

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55	Effective absorbing column density in the gamma-ray burst afterglow X-ray spectra. Monthly Notices of the Royal Astronomical Society, 2014, 441, 3634-3639.	4.4	9
56	A complete sample of bright Swift short gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2342-2356.	4.4	98
57	New constraints on gamma-ray burst jet geometry and relativistic shock physics. Monthly Notices of the Royal Astronomical Society, 2014, 438, 752-767.	4.4	25
58	Evidence for dust destruction from the early-time colour change of GRB 120119A. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1810-1823.	4.4	32
59	Orbital period of Swift J1816.7-1613 revealed by the <i>Swift</i> Burst Alert Telescope. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 445, L119-L123.	3.3	5
60	GRB 140206A: the most distant polarized gamma-ray burst. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2776-2782.	4.4	70
61	Afterglows from precursors in gamma-ray bursts. Application to the optical afterglow of GRB 091024. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1625-1635.	4.4	15
62	A trio of gamma-ray burst supernovae. Astronomy and Astrophysics, 2014, 568, A19.	5.1	62
63	GRB Orphan Afterglows in Present and Future Radio Transient Surveys. Publications of the Astronomical Society of Australia, 2014, 31, .	3.4	30
64	A magnetar powering the ordinary monster GRB 130427A?. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 439, L80-L84.	3.3	13
65	PHENOMENOLOGY OF REVERSE-SHOCK EMISSION IN THE OPTICAL AFTERGLOWS OF GAMMA-RAY BURSTS. Astrophysical Journal, 2014, 785, 84.	4.5	51
66	A year in the life of the low-mass X-ray transient Aql X-1. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2634-2641.	4.4	28
67	GRB 130427A: A Nearby Ordinary Monster. Science, 2014, 343, 48-51.	12.6	105
68	Diversity of gamma-ray burst energetics vs. supernova homogeneity: SN 2013cq associated with GRB 130427A. Astronomy and Astrophysics, 2014, 567, A29.	5.1	53
69	Spectroscopy of the short-hard GRB 130603B. Astronomy and Astrophysics, 2014, 563, A62.	5.1	71
70	Optical and X-ray rest-frame light curves of the BAT6 sample. Astronomy and Astrophysics, 2014, 565, A72.	5.1	25
71	Highly polarized light from stable ordered magnetic fields in GRB 120308A. Nature, 2013, 504, 119-121.	27.8	108
72	Dust extinctions for an unbiased sample of gamma-ray burst afterglows. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1231-1244.	4.4	86

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73	Radio afterglows of a complete sample of bright Swift GRBs: predictions from present days to the SKA era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2543-2551.	4.4	29
74	<i>NuSTAR</i> OBSERVATIONS OF GRB 130427A ESTABLISH A SINGLE COMPONENT SYNCHROTRON AFTERGLOW ORIGIN FOR THE LATE OPTICAL TO MULTI-GEV EMISSION. <i>Astrophysical Journal Letters</i> , 2013, 779, L1.	8.3	69
75	HOW TO SWITCH A GAMMA-RAY BURST ON AND OFF THROUGH A MAGNETAR. <i>Astrophysical Journal</i> , 2013, 775, 67.	4.5	38
76	GRB 091024A AND THE NATURE OF ULTRA-LONG GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2013, 778, 54.	4.5	69
77	GRB 090727 AND GAMMA-RAY BURSTS WITH EARLY-TIME OPTICAL EMISSION. <i>Astrophysical Journal</i> , 2013, 772, 73.	4.5	26
78	GRB 081007 AND GRB 090424: THE SURROUNDING MEDIUM, OUTFLOWS, AND SUPERNOVAE. <i>Astrophysical Journal</i> , 2013, 774, 114.	4.5	43
79	The faster the narrower: characteristic bulk velocities and jet opening angles of gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1410-1423.	4.4	56
80	The host-galaxy response to the afterglow of GRB 100901A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 2739-2754.	4.4	17
81	A Complete Sample of Long Bright <i>Swift</i> GRBs. <i>EAS Publications Series</i> , 2013, 61, 229-233.	0.3	0
82	IDENTIFYING THE LOCATION IN THE HOST GALAXY OF THE SHORT GRB 111117A WITH THE <i>CHANDRA</i> SUBARCSECOND POSITION. <i>Astrophysical Journal</i> , 2013, 766, 41.	4.5	20
83	A complete sample of long bright Swift gamma ray bursts. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120235.	3.4	1
84	The obscured hyper-energetic GRBâ€™120624B hosted by a luminous compact galaxy at <i>z</i>= 2.20. <i>Astronomy and Astrophysics</i> , 2013, 557, L18.	5.1	9
85	BROADBAND STUDY OF GRB 091127: A SUB-ENERGETIC BURST AT HIGHER REDSHIFT?. <i>Astrophysical Journal</i> , 2012, 761, 50.	4.5	27
86	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.	4.4	52
87	A COMPLETE SAMPLE OF BRIGHT <i>SWIFT</i> LONG GAMMA-RAY BURSTS. I. SAMPLE PRESENTATION, LUMINOSITY FUNCTION AND EVOLUTION. <i>Astrophysical Journal</i> , 2012, 749, 68.	4.5	198
88	The optical SNâ€™12bz associated with the long GRBâ€™120422A. <i>Astronomy and Astrophysics</i> , 2012, 547, A82.	4.5	45
89	Gamma-ray bursts in the comoving frame. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 483-494.	4.4	131
90	A complete sample of bright <i>Swift</i> long gamma-ray bursts: testing the spectral-energy correlations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 1256-1264.	4.4	123

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91	The dark bursts population in a complete sample of bright <i>Swift</i> long gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1265-1272.	4.4	53
92	The X-ray absorbing column density of a complete sample of bright <i>Swift</i> gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1697-1702.	4.4	69
93	The impact of selection biases on the correlation of gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2553-2559.	4.4	25
94	On the environment of short gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2392-2399.	4.4	21
95	A complete sample of bright <i>Swift</i> Gamma-ray bursts: X-ray afterglow luminosity and its correlation with the prompt emission. Monthly Notices of the Royal Astronomical Society, 2012, 425, 506-513.	4.4	55
96	Relativistic jet activity from the tidal disruption of a star by a massive black hole. Nature, 2011, 476, 421-424.	27.8	442
97	GRB 091127/SN 2009nz and the VLT/X-shooter spectroscopy of its host galaxy: probing the faint end of the mass-metallicity relation. Astronomy and Astrophysics, 2011, 535, A127.	5.1	40
98	XRF 100316D/SN 2010bh AND THE NATURE OF GAMMA-RAY BURST SUPERNOVAE. Astrophysical Journal, 2011, 740, 41.	4.5	83
99	CONSTRAINING GAMMA-RAY BURST EMISSION PHYSICS WITH EXTENSIVE EARLY-TIME, MULTIBAND FOLLOW-UP. Astrophysical Journal, 2011, 743, 154.	4.5	59
100	A tale of two GRB-SNe at a common redshift of $z=0.54$. Monthly Notices of the Royal Astronomical Society, 2011, 413, 669-685.	4.4	72
101	A faint optical flash in dust-obscured GRB 080603A: implications for GRB prompt emission mechanisms. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2124-2143.	4.4	32
102	The unusual gamma-ray burst GRB 101225A explained as a minor body falling onto a neutron star. Nature, 2011, 480, 69-71.	27.8	51
103	GRB 090313 AND THE ORIGIN OF OPTICAL PEAKS IN GAMMA-RAY BURST LIGHT CURVES: IMPLICATIONS FOR LORENTZ FACTORS AND RADIO FLARES. Astrophysical Journal, 2010, 723, 1331-1342.	4.5	52
104	GRB 090902B: AFTERGLOW OBSERVATIONS AND IMPLICATIONS. Astrophysical Journal, 2010, 714, 799-804.	4.5	36
105	THE MOUSE THAT ROARED: A SUPERFLARE FROM THE dMe FLARE STAR EV LAC DETECTED BY <i>SWIFT</i> AND KONUS-WIND. Astrophysical Journal, 2010, 721, 785-801.	4.5	81
106	GRB 070714B: DISCOVERY OF THE HIGHEST SPECTROSCOPICALLY CONFIRMED SHORT BURST REDSHIFT. Astrophysical Journal, 2009, 698, 1620-1629.	4.5	49
107	Rise and fall of the X-ray flash 080330: an off-axis jet?. Astronomy and Astrophysics, 2009, 499, 439-453.	5.1	44
108	Optical flashes, reverse shocks and magnetization. , 2009, , .		10

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109	The Early Time Properties of GRBsâ€™ Canonical Afterglows and the Importance of Prolonged Central Engine Activity. , 2009, , .		0
110	The unusual X-ray light curve of GRBâ€™080307: the onset of the afterglow?. Monthly Notices of the Royal Astronomical Society, 2009, 395, 328-334.	4.4	7
111	Evidence for energy injection and a fine-tuned central engine at optical wavelengths in GRB 070419A. Monthly Notices of the Royal Astronomical Society, 2009, 395, 1941-1949.	4.4	22
112	Broadband observations of the naked-eye γ -ray burst GRBâ€™080319B. Nature, 2008, 455, 183-188.	27.8	449
113	The extreme, red afterglow of GRB 060923A: distance or dust?. Monthly Notices of the Royal Astronomical Society, 2008, 388, 1743-1750.	4.4	39
114	Multiwavelength Analysis of the Intriguing GRB 061126: The Reverse Shock Scenario and Magnetization. Astrophysical Journal, 2008, 687, 443-455.	4.5	72
115	The Earlyâ€™Time Optical Properties of Gammaâ€™Ray Burst Afterglows. Astrophysical Journal, 2008, 686, 1209-1230.	4.5	68
116	Earlyâ€™Time Observations of GRBs afterglow with 2â€™m Robotic Telescopes. , 2007, , .		0
117	Understanding the Nature of Dark Bursts with the Afterglow of GRB 060108. , 2007, , .		0
118	Early Optical Polarization of a Gamma-Ray Burst Afterglow. Science, 2007, 315, 1822-1824.	12.6	70
119	Detection of GRB 060927 at $z = 5.47$: Implications for the Use of Gammaâ€™Ray Bursts as Probes of the End of the Dark Ages. Astrophysical Journal, 2007, 669, 1-9.	4.5	56
120	The Remarkable Afterglow of GRB 061007: Implications for Optical Flashes and GRB Fireballs. Astrophysical Journal, 2007, 660, 489-495.	4.5	80
121	GRB 061121: Broadband Spectral Evolution through the Prompt and Afterglow Phases of a Bright Burst. Astrophysical Journal, 2007, 663, 1125-1138.	4.5	96
122	The circumburst environment of a FRED GRB: study of the prompt emission and X-ray/optical afterglow of GRBâ€™051111. Astronomy and Astrophysics, 2007, 463, 539-550.	5.1	17
123	Multicolor observations of the afterglow of the short/hard GRBâ€™050724. Astronomy and Astrophysics, 2007, 473, 77-84.	5.1	50
124	LIVES/VLT high resolution spectroscopy of GRB 050730 afterglow: probing the features of the GRB environment. Astronomy and Astrophysics, 2007, 467, 629-639.	5.1	42
125	The prompt to late-time multiwavelength analysis of GRB 060210. Astronomy and Astrophysics, 2007, 467, 1049-1055.	5.1	33
126	RINGO: a novel ring polarimeter for rapid GRB followup. , 2006, 6269, 1799.		7

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127	High-Quality Early-Time Light Curves of GRB 060206: Implications for Gamma-Ray Burst Environments and Energetics. <i>Astrophysical Journal</i> , 2006, 648, 1125-1131.	4.5	47
128	Hypernova Signatures in the Late Rebrightening of GRB 050525A. <i>Astrophysical Journal</i> , 2006, 642, L103-L106.	4.5	82
129	Anatomy of a dark burst - the afterglow of GRB 060108. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 327-337.	4.4	18
130	Optical emission from GRB 050709: a short/hard GRB in a star-forming galaxy. <i>Astronomy and Astrophysics</i> , 2006, 447, L5-L8.	5.1	77
131	Multi-wavelength analysis of the field of the dark burst GRB 031220. <i>Astronomy and Astrophysics</i> , 2006, 451, 27-33.	5.1	2
132	The short-duration GRB 050724 host galaxy in the context of the long-duration GRB hosts. <i>Astronomy and Astrophysics</i> , 2006, 450, 87-92.	5.1	26
133	An origin for short γ -ray bursts unassociated with current star formation. <i>Nature</i> , 2005, 438, 994-996.	27.8	287
134	XMM-Newton and VLT observations of the afterglow of GRB 040827. <i>Astronomy and Astrophysics</i> , 2005, 440, 85-92.	5.1	12
135	GRB 050904 at redshift 6.3: observations of the oldest cosmic explosion after the Big Bang. <i>Astronomy and Astrophysics</i> , 2005, 443, L1-L5.	5.1	94
136	The Multi-frequency Robotic facility REM: first results. <i>Astronomische Nachrichten</i> , 2004, 325, 543-548.	1.2	8
137	The commissioning of the REM-IR camera at La Silla. , 2004, , .		17
138	AQuA: an automatic pipeline for fast transients detection. , 2004, 5496, 729.		4
139	GRAWITA: VLT Survey Telescope observations of the gravitational wave sources GW150914 and GW151226. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	4