Iain Steele

List of Publications by Year
in descending order

66 papers	3,090 citations	186265 28 h-index	155660 55 g-index
68 all docs	68 docs citations	68 times ranked	3879 citing authors

#	Article	IF	Citations
1	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. Science, 2017, 358, 1559-1565.	12.6	559
2	Broadband observations of the naked-eye Î³-ray burst GRBâ€‰080319B. Nature, 2008, 455, 183-188.	27.8	449
3	The optical afterglow of the short gamma-ray burst associated with GW170817. Nature Astronomy, 2018, 2, 751-754.	10.1	185
4	Ten per cent polarized optical emission from GRBâ€‰090102. Nature, 2009, 462, 767-769.	27.8	125
5	Blazar spectral variability as explained by a twisted inhomogeneous jet. Nature, 2017, 552, 374-377.	27.8	112
6	Highly polarized light from stable ordered magnetic fields in GRBâ€‰120308A. Nature, 2013, 504, 119-121.	27.8	108
7	RoboNetâ€II: Followâ€up observations of microlensing events with a robotic network of telescopes. Astronomische Nachrichten, 2009, 330, 4-11.	1.2	99
8	Authenticating the Presence of a Relativistic Massive Black Hole Binary in OJ 287 Using Its General Relativity Centenary Flare: Improved Orbital Parameters. Astrophysical Journal, 2018, 866, 11.	4.5	82
9	The Remarkable Afterglow of GRB 061007: Implications for Optical Flashes and GRB Fireballs. Astrophysical Journal, 2007, 660, 489-495.	4.5	80
10	The unpolarized macronova associated with the gravitational wave event GW 170817. Nature Astronomy, 2017, 1, 791-794.	10.1	75
11	Multiwavelength Analysis of the Intriguing GRB 061126: The Reverse Shock Scenario and Magnetization. Astrophysical Journal, 2008, 687, 443-455.	4.5	72
12	Early Optical Polarization of a Gamma-Ray Burst Afterglow. Science, 2007, 315, 1822-1824.	12.6	70
13	GRB 091024A AND THE NATURE OF ULTRA-LONG GAMMA-RAY BURSTS. Astrophysical Journal, 2013, 778, 54.	4.5	69
14	The Earlyâ€Time Optical Properties of Gammaâ€Ray Burst Afterglows. Astrophysical Journal, 2008, 686, 1209-1230.	4.5	68
15	CONSTRAINING GAMMA-RAY BURST EMISSION PHYSICS WITH EXTENSIVE EARLY-TIME, MULTIBAND FOLLOW-UP. Astrophysical Journal, 2011, 743, 154.	4.5	59
16	Infrared spectrum of an extremely cool white-dwarf star. Nature, 2000, 403, 57-59.	27.8	57
17	OGLE-2016-BLG-1190Lb: The First Spitzer Bulge Planet Lies Near the Planet/Brown-dwarf Boundary. Astronomical Journal, 2018, 155, 40.	4.7	53
18	Detailed optical and near-infrared polarimetry, spectroscopy and broad-band photometry of the afterglow of GRB 091018: polarization evolution. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2-22.	4.4	52

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19	M31N 2008-12aâ€”THE REMARKABLE RECURRENT NOVA IN M31: PANCHROMATIC OBSERVATIONS OF THE 2015 ERUPTION. Astrophysical Journal, 2016, 833, 149.	4.5	50
20	Highâ€Quality Earlyâ€Time Light Curves of GRB 060206: Implications for Gammaâ€Ray Burst Environments and Energetics. Astrophysical Journal, 2006, 648, 1125-1131.	4.5	47
21	A LUMINOUS RED NOVA IN M31 AND ITS PROGENITOR SYSTEM. Astrophysical Journal Letters, 2015, 805, L18.	8.3	47
22	On the class of Oe stars'. Astronomische Nachrichten, 2004, 325, 749-760.	1.2	43
23	The RINGO2 and DIPOL optical polarization catalogue of blazars. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4267-4299.	4.4	38
24	GRB 090902B: AFTERGLOW OBSERVATIONS AND IMPLICATIONS. Astrophysical Journal, 2010, 714, 799-804.	4.5	36
25	Evidence for dust destruction from the early-time colour change of GRBÂ120119A. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1810-1823.	4.4	32
26	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. Astronomy and Astrophysics, 2018, 619, A45.	5.1	32
27	Monitoring of the radio galaxy MÂ87 during a low-emission state from 2012 to 2015 with MAGIC. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5354-5365.	4.4	31
28	Lowly Polarized Light from a Highly Magnetized Jet of GRB 190114C. Astrophysical Journal, 2020, 892, 97.	4.5	31
29	GRB 090727 AND GAMMA-RAY BURSTS WITH EARLY-TIME OPTICAL EMISSION. Astrophysical Journal, 2013, 772, 73.	4.5	26
30	Polarimetry and Photometry of Gamma-Ray Bursts with RINGO2. Astrophysical Journal, 2017, 843, 143.	4.5	26
31	RINGO3: a multi-colour fast response polarimeter. Proceedings of SPIE, 2012, , .	0.8	25
32	LIMITS ON OPTICAL POLARIZATION DURING THE PROMPT PHASE OF GRB 140430A. Astrophysical Journal, 2015, 813, 1.	4.5	25
33	iPTF17cw: An Engine-driven Supernova Candidate Discovered Independent of a Gamma-Ray Trigger. Astrophysical Journal, 2017, 847, 54.	4.5	23
34	GravityCam: Wide-field high-resolution high-cadence imaging surveys in the visible from the ground. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	22
35	The nature of the late achromatic bump in GRBâ€‰120326A. Astronomy and Astrophysics, 2014, 572, A55.	5.1	18
36	The Liverpool telescope. Astronomische Nachrichten, 2004, 325, 519-521.	1.2	16

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37	Calibration of the Liverpool Telescope RINGO3 polarimeter. Monthly Notices of the Royal Astronomical Society, 2016, 458, 759-771.	4.4	16
38	Investigating the multiwavelength behaviour of the flat spectrum radio quasar CTAÂ102 during 2013â€“2017. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5300-5316.	4.4	16
39	IZphotometry of L dwarfs and the implications for brown dwarf surveys. Monthly Notices of the Royal Astronomical Society, 2000, 313, L43-L45.	4.4	11
40	Liverpool telescope 2: a new robotic facility for rapid transient follow-up. Experimental Astronomy, 2015, 39, 119-165.	3.7	10
41	OGLE-2013-BLG-0911Lb: A Secondary on the Brown-dwarf Planet Boundary around an M Dwarf. Astronomical Journal, 2020, 159, 76.	4.7	8
42	Ground-based Parallax Confirmed by Spitzer: Binary Microlensing Event MOA-2015-BLG-020. Astrophysical Journal, 2017, 845, 129.	4.5	7
43	OGLE-2014-BLG-0289: Precise Characterization of a Quintuple-peak Gravitational Microlensing Event. Astrophysical Journal, 2018, 853, 70.	4.5	7
44	The beamed jet and quasar core of the distant blazar 4CÂ71.07. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1837-1849.	4.4	7
45	First Assessment of the Binary Lens OGLE-2015-BLG-0232. Astrophysical Journal, 2019, 870, 11.	4.5	7
46	OGLE-2014-BLG-1186: gravitational microlensing providing evidence for a planet orbiting the foreground star or for a close binary source?. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5608-5632.	4.4	7
47	Coherence scale of magnetic fields generated in early-time forward shocks of GRBs. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2662-2674.	4.4	7
48	The semicentennial binary system PSR J2032+4127 at periastron: X-ray photometry, optical spectroscopy and SPH modelling.. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	6
49	Uncooled microbolometer arrays for ground-based astronomy. Monthly Notices of the Royal Astronomical Society, 2020, 492, 480-487.	4.4	5
50	Gamma-Ray Bursts in the Era of Rapid Followup. Advances in Astronomy, 2010, 2010, 1-14.	1.1	4
51	Colour variations in the GRBâ€‰120327A afterglow. Astronomy and Astrophysics, 2017, 607, A29.	5.1	4
52	GRB 191016A: A highly collimated gamma-ray burst jet with magnetised energy injection. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	4
53	Heterogenous telescope networks: An introduction. Astronomische Nachrichten, 2006, 327, 741-743.	1.2	3
54	Optical polarimetry of KIC 8462852 in 2017 Mayâ€“August. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 473, L26-L30.	3.3	3

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55	The new 4â€m robotic telescope. Astronomische Nachrichten, 2019, 340, 40-45.	1.2	3
56	OGLE-2015-BLG-1649Lb: A Gas Giant Planet around a Low-mass Dwarf. Astronomical Journal, 2019, 158, 212.	4.7	3
57	THE 2010 M 87 VHE FLARE AND ITS ORIGIN: THE MULTI-WAVELENGTH PICTURE. International Journal of Modern Physics Conference Series, 2012, 08, 184-189.	0.7	2
58	Tidal disruption events seen in the XMM-Newton slew survey. Proceedings of the International Astronomical Union, 2016, 12, 123-126.	0.0	2
59	A robotic pipeline for fast GRB followup with the Las CumbrÃ©s observatory network. Experimental Astronomy, 2019, 48, 25-48.	3.7	1
60	A low-cost chopping system and uncooled microbolometer array for ground-based astronomy. Experimental Astronomy, 2021, 51, 273-286.	3.7	1
61	THE 4 M NEW ROBOTIC TELESCOPE PROJECT: AN UPDATED REPORT. Revista Mexicana De AstronomÃa Y AstrofÃsica Serie De Conferencias, 0, 53, 8-13.	0.2	1
62	A Deep Large Scale Survey for Intermediate Age Brown Dwarfs in the Praesepe Cluster. Symposium - International Astronomical Union, 2003, 211, 211-212.	0.1	0
63	Earlyâ€Time Observations of GRBs afterglow with 2â€m Robotic Telescopes. , 2007, , .		0
64	The Early Time Properties of GRBsâ€"Canonical Afterglows and the Importance of Prolonged Central Engine Activity. , 2009, , .		0
65	Exoplanet discovery and characterisation through robotic follow-up of microlensing events: Season 2010 results. Proceedings of the International Astronomical Union, 2010, 6, 459-460.	0.0	0
66	Ringo2 Optical Polarimetry of Blazars. Galaxies, 2016, 4, 52.	3.0	0