

Iain Steele

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	A low-cost chopping system and uncooled microbolometer array for ground-based astronomy. Experimental Astronomy, 2021, 51, 273-286.	3.7	1
3	Uncooled microbolometer arrays for ground-based astronomy. Monthly Notices of the Royal Astronomical Society, 2020, 492, 480-487.	4.4	5
4	Monitoring of the radio galaxy M87 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
5	OGLE-2013-BLG-0911Lb: A Secondary on the Brown-dwarf Planet Boundary around an M Dwarf. Astronomical Journal, 2020, 159, 76.	4.7	8
6	Lowly Polarized Light from a Highly Magnetized Jet of GRB 190114C. Astrophysical Journal, 2020, 892, 97.	4.5	31
7	Investigating the multiwavelength behaviour of the flat spectrum radio quasar CTA102 during 2013–2017. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5300-5316.	4.4	16
8	A robotic pipeline for fast GRB followup with the Las Cumbres observatory network. Experimental Astronomy, 2019, 48, 25-48.	3.7	1
9	The beamed jet and quasar core of the distant blazar 4C71.07. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1837-1849.	4.4	7
10	First Assessment of the Binary Lens OGLE-2015-BLG-0232. Astrophysical Journal, 2019, 870, 11.	4.5	7
11	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
12	The new 4m robotic telescope. Astronomische Nachrichten, 2019, 340, 40-45.	1.2	3
13	OGLE-2015-BLG-1649Lb: A Gas Giant Planet around a Low-mass Dwarf. Astronomical Journal, 2019, 158, 212.	4.7	3
14	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. Astronomy and Astrophysics, 2018, 619, A45.	5.1	32
15	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
16	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
17	Optical polarimetry of KIC 8462852 in 2017 May–August. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 473, L26-L30.	3.3	3
18	OGLE-2016-BLG-1190Lb: The First Spitzer Bulge Planet Lies Near the Planet/Brown-dwarf Boundary. Astronomical Journal, 2018, 155, 40.	4.7	53

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19	The optical afterglow of the short gamma-ray burst associated with GW170817. <i>Nature Astronomy</i> , 2018, 2, 751-754.	10.1	185
20	OGLE-2014-BLG-0289: Precise Characterization of a Quintuple-peak Gravitational Microlensing Event. <i>Astrophysical Journal</i> , 2018, 853, 70.	4.5	7
21	The unpolarized macronova associated with the gravitational wave event GW 170817. <i>Nature Astronomy</i> , 2017, 1, 791-794.	10.1	75
22	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. <i>Science</i> , 2017, 358, 1559-1565.	12.6	559
23	Ground-based Parallax Confirmed by Spitzer: Binary Microlensing Event MOA-2015-BLG-020. <i>Astrophysical Journal</i> , 2017, 845, 129.	4.5	7
24	Blazar spectral variability as explained by a twisted inhomogeneous jet. <i>Nature</i> , 2017, 552, 374-377.	27.8	112
25	Polarimetry and Photometry of Gamma-Ray Bursts with RINGO2. <i>Astrophysical Journal</i> , 2017, 843, 143.	4.5	26
26	iPTF17cw: An Engine-driven Supernova Candidate Discovered Independent of a Gamma-Ray Trigger. <i>Astrophysical Journal</i> , 2017, 847, 54.	4.5	23
27	Colour variations in the GRB%120327A afterglow. <i>Astronomy and Astrophysics</i> , 2017, 607, A29.	5.1	4
28	Ringo2 Optical Polarimetry of Blazars. <i>Galaxies</i> , 2016, 4, 52.	3.0	0
29	M31N 2008-12aâ€”THE REMARKABLE RECURRENT NOVA IN M31: PANCHROMATIC OBSERVATIONS OF THE 2015 ERUPTION. <i>Astrophysical Journal</i> , 2016, 833, 149.	4.5	50
30	The RINGO2 and DIPOL optical polarization catalogue of blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 4267-4299.	4.4	38
31	Tidal disruption events seen in the XMM-Newton slew survey. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 123-126.	0.0	2
32	Calibration of the Liverpool Telescope RINGO3 polarimeter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 759-771.	4.4	16
33	A LUMINOUS RED NOVA IN M31 AND ITS PROGENITOR SYSTEM. <i>Astrophysical Journal Letters</i> , 2015, 805, L18.	8.3	47
34	LIMITS ON OPTICAL POLARIZATION DURING THE PROMPT PHASE OF GRB 140430A. <i>Astrophysical Journal</i> , 2015, 813, 1.	4.5	25
35	Liverpool telescope 2: a new robotic facility for rapid transient follow-up. <i>Experimental Astronomy</i> , 2015, 39, 119-165.	3.7	10
36	The nature of the late achromatic bump in GRB%120326A. <i>Astronomy and Astrophysics</i> , 2014, 572, A55.	5.1	18

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37	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
38	Highly polarized light from stable ordered magnetic fields in GRB 120308A. Nature, 2013, 504, 119-121.	27.8	108
39	GRB 091024A AND THE NATURE OF ULTRA-LONG GAMMA-RAY BURSTS. Astrophysical Journal, 2013, 778, 54.	4.5	69
40	GRB 090727 AND GAMMA-RAY BURSTS WITH EARLY-TIME OPTICAL EMISSION. Astrophysical Journal, 2013, 772, 73.	4.5	26
41	RINGO3: a multi-colour fast response polarimeter. Proceedings of SPIE, 2012, , .	0.8	25
42	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
43	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
44	CONSTRAINING GAMMA-RAY BURST EMISSION PHYSICS WITH EXTENSIVE EARLY-TIME, MULTIBAND FOLLOW-UP. Astrophysical Journal, 2011, 743, 154.	4.5	59
45	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
46	GRB 090902B: AFTERGLOW OBSERVATIONS AND IMPLICATIONS. Astrophysical Journal, 2010, 714, 799-804.	4.5	36
47	Gamma-Ray Bursts in the Era of Rapid Followup. Advances in Astronomy, 2010, 2010, 1-14.	1.1	4
48	The Early Time Properties of GRBs' Canonical Afterglows and the Importance of Prolonged Central Engine Activity. , 2009, , .		0
49	RoboNet: Follow-up observations of microlensing events with a robotic network of telescopes. Astronomische Nachrichten, 2009, 330, 4-11.	1.2	99
50	Ten per cent polarized optical emission from GRB 090102. Nature, 2009, 462, 767-769.	27.8	125
51	Broadband observations of the naked-eye γ -ray burst GRB 080319B. Nature, 2008, 455, 183-188.	27.8	449
52	Multiwavelength Analysis of the Intriguing GRB 061126: The Reverse Shock Scenario and Magnetization. Astrophysical Journal, 2008, 687, 443-455.	4.5	72
53	The Early-Time Optical Properties of Gamma-Ray Burst Afterglows. Astrophysical Journal, 2008, 686, 1209-1230.	4.5	68
54	Early-Time Observations of GRBs afterglow with Robotic Telescopes. , 2007, , .		0

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55	Early Optical Polarization of a Gamma-Ray Burst Afterglow. <i>Science</i> , 2007, 315, 1822-1824.	12.6	70
56	The Remarkable Afterglow of GRB 061007: Implications for Optical Flashes and GRB Fireballs. <i>Astrophysical Journal</i> , 2007, 660, 489-495.	4.5	80
57	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
58	Heterogenous telescope networks: An introduction. <i>Astronomische Nachrichten</i> , 2006, 327, 741-743.	1.2	3
59	On the class of Oe stars'. <i>Astronomische Nachrichten</i> , 2004, 325, 749-760.	1.2	43
60	The Liverpool telescope. <i>Astronomische Nachrichten</i> , 2004, 325, 519-521.	1.2	16
61	A Deep Large Scale Survey for Intermediate Age Brown Dwarfs in the Praesepe Cluster. <i>Symposium - International Astronomical Union</i> , 2003, 211, 211-212.	0.1	0
62	Izphotometry of L dwarfs and the implications for brown dwarf surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 313, L43-L45.	4.4	11
63	Infrared spectrum of an extremely cool white-dwarf star. <i>Nature</i> , 2000, 403, 57-59.	27.8	57
64	The semicentennial binary system PSR J2032+4127 at periastron: X-ray photometry, optical spectroscopy and SPH modelling.. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	6
65	THE 4 M NEW ROBOTIC TELESCOPE PROJECT: AN UPDATED REPORT. <i>Revista Mexicana De Astronomía Y Astrofísica Serie De Conferencias</i> , 0, 53, 8-13.	0.2	1
66	GRB 191016A: A highly collimated gamma-ray burst jet with magnetised energy injection. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	4