Julian Osborne

List of Publications by Year in descending order

87 papers	7,826 citations	186209 28 h-index	82499 72 g-index
88 all docs	88 docs citations	88 times ranked	6454 citing authors

#	Article	IF	Citations
1	The Swift X-Ray Telescope. Space Science Reviews, 2005, 120, 165-195.	3.7	1,940
2	Methods and results of an automatic analysis of a complete sample ofSwift-XRT observations of GRBs. Monthly Notices of the Royal Astronomical Society, 2009, 397, 1177-1201.	1.6	1,280
3	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	6.0	654
4	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. Experimental Astronomy, 2011, 32, 193-316.	1.6	640
5	The Emergence of a Lanthanide-rich Kilonova Following the Merger of Two Neutron Stars. Astrophysical Journal Letters, 2017, 848, L27.	3.0	507
6	Swift and NuSTAR observations of GW170817: Detection of a blue kilonova. Science, 2017, 358, 1565-1570.	6.0	399
7	The optical afterglow of the short gamma-ray burst associated with GW170817. Nature Astronomy, 2018, 2, 751-754.	4.2	185
8	A Multimessenger Picture of the Flaring Blazar TXS 0506+056: Implications for High-energy Neutrino Emission and Cosmic-Ray Acceleration. Astrophysical Journal, 2018, 864, 84.	1.6	184
9	Observation of inverse Compton emission from a long Î³-ray burst. Nature, 2019, 575, 459-463.	13.7	146
10	1SXPS: A DEEP SWIFT X-RAY TELESCOPE POINT SOURCE CATALOG WITH LIGHT CURVES AND SPECTRA. Astrophysical Journal, Supplement Series, 2014, 210, 8.	3.0	128
11	The prompt-afterglow connection in gamma-ray bursts: a comprehensive statistical analysis of Swift X-ray light curves. Monthly Notices of the Royal Astronomical Society, 2013, 428, 729-742.	1.6	123
12	SWIFT X-RAY OBSERVATIONS OF CLASSICAL NOVAE. II. THE SUPER SOFT SOURCE SAMPLE. Astrophysical Journal, Supplement Series, 2011, 197, 31.	3.0	122
13	2SXPS: An Improved and Expanded Swift X-Ray Telescope Point-source Catalog. Astrophysical Journal, Supplement Series, 2020, 247, 54.	3.0	116
14	The Environment of the Binary Neutron Star Merger GW170817. Astrophysical Journal Letters, 2017, 848, L28.	3.0	114
15	THE SUPERSOFT X-RAY PHASE OF NOVA RS OPHIUCHI 2006. Astrophysical Journal, 2011, 727, 124.	1.6	93
16	Swift spectra of AT2018cow: a white dwarf tidal disruption event?. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2505-2521.	1.6	63
17	RE 1034+39: a high-state Seyfert galaxy?. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	57
18	M31N 2008-12aâ€"THE REMARKABLE RECURRENT NOVA IN M31: PANCHROMATIC OBSERVATIONS OF THE 2015 ERUPTION. Astrophysical Journal, 2016, 833, 149.	1.6	50

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19	Observatory science with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	50
20	XMM-NEWTONX-RAY AND ULTRAVIOLET OBSERVATIONS OF THE FAST NOVA V2491 Cyg DURING THE SUPERSOFT SOURCE PHASE. Astrophysical Journal, 2011, 733, 70.	1.6	48
21	Swift observations of V404 Cyg during the 2015 outburst: X-ray outflows from super-Eddington accretion. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1797-1818.	1.6	47
22	Obscuration effects in super-soft-source X-ray spectra. Astronomy and Astrophysics, 2013, 559, A50.	2.1	45
23	The X-ray spectrum of the dwarf nova SS Cyg in quiescence and outburst. Monthly Notices of the Royal Astronomical Society, 1997, 288, 649-664.	1.6	41
24	Swiftdetection of the super-swift switch-on of the super-soft phase in nova V745 Sco (2014). Monthly Notices of the Royal Astronomical Society, 2015, 454, 3108-3120.	1.6	40
25	Swiftfollow-up of gravitational wave triggers: results from the first aLIGO run and optimization for the future. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1591-1602.	1.6	36
26	Optimization of the Swift X-ray follow-up of Advanced LIGO and Virgo gravitational wave triggers in 2015â€“16. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1522-1537.	1.6	32
27	The THESEUS space mission: science goals, requirements and mission concept. Experimental Astronomy, 2021, 52, 183-218.	1.6	32
28	THE 7.1 HR X-RAY-ULTRAVIOLET-NEAR-INFRARED PERIOD OF THE Î³-RAY CLASSICAL NOVA MONOCEROTIS 2012. Astrophysical Journal Letters, 2013, 768, L26.	3.0	31
29	Swift-XRT follow-up of gravitational wave triggers during the third aLIGO/Virgo observing run. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3459-3480.	1.6	31
30	SWIFTX-RAY AND ULTRAVIOLET MONITORING OF THE CLASSICAL NOVA V458 VUL (NOVA VUL 2007). Astronomical Journal, 2009, 137, 4160-4168.	1.9	28
31	Getting to know classical novae with Swift. Journal of High Energy Astrophysics, 2015, 7, 117-125.	2.4	27
32	Accretion in strong field gravity with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	27
33	Multiwavelength observations of V407 Lupi (ASASSN-16kt) â€“ a very fast nova erupting in an intermediate polar. Monthly Notices of the Royal Astronomical Society, 2018, 480, 572-609.	1.6	26
34	The multi-temperature X-ray spectrum of the intermediate polar V1223 Sagittarii. Monthly Notices of the Royal Astronomical Society, 2000, 315, 307-315.	1.6	25
35	Swift follow-up of the gravitational wave source GW150914. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 460, L40-L44.	1.2	24
36	Breaking the Habit: The Peculiar 2016 Eruption of the Unique Recurrent Nova M31N 2008-12a. Astrophysical Journal, 2018, 857, 68.	1.6	24

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37	The short period supersoft source in M31. Monthly Notices of the Royal Astronomical Society, 2002, 329, L43-L46.	1.6	23
38	Constraints on Minute-Scale Transient Astrophysical Neutrino Sources. Physical Review Letters, 2019, 122, 051102.	2.9	23
39	Cherenkov Telescope Array is well suited to follow up gravitational-wave transients. Monthly Notices of the Royal Astronomical Society, 2014, 443, 738-749.	1.6	22
40	Swift follow-up of IceCube triggers, and implications for the Advanced-LIGO era. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2210-2223.	1.6	22
41	The panchromatic spectroscopic evolution of the classical CO nova V339 Delphini (Nova Del 2013) until X-ray turnoff. Astronomy and Astrophysics, 2016, 590, A123.	2.1	22
42	ROSAT constraints on the intermediate polar candidates V 426 Oph, SW UMa and 1H0709 - 360. Monthly Notices of the Royal Astronomical Society, 1994, 269, 913-920.	1.6	21
43	The 2021 outburst of the recurrent nova RSÂOphiuchi observed in X-rays by the Neil Gehrels Swift Observatory: a comparative study. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1557-1574.	1.6	21
44	PAN-CHROMATIC OBSERVATIONS OF THE RECURRENT NOVA LMC 2009a (LMC 1971b). Astrophysical Journal, 2016, 818, 145.	1.6	20
45	Multiwavelength observations of nova SMCN 2016-10a â€“ one of the brightest novae ever observed. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2679-2705.	1.6	19
46	Infrared observations of the 2006 outburst of the recurrent nova RS Ophiuchi: the early phase. Monthly Notices of the Royal Astronomical Society: Letters, 2007, 374, L1-L5.	1.2	17
47	Lord of the Rings â€“ Return of the King:Swift-XRT observations of dust scattering rings around V404 Cygni. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1847-1863.	1.6	16
48	Swift-XRT Follow-up of Gravitational-wave Triggers in the Second Advanced LIGO/Virgo Observing Run. Astrophysical Journal, Supplement Series, 2019, 245, 15.	3.0	16
49	CC Sculptoris: a superhumping intermediate polar. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1004-1013.	1.6	15
50	Swift/UVOT follow-up of gravitational wave alerts in the O3 era. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1296-1317.	1.6	15
51	The 2019 eruption of recurrent nova V3890 Sgr: observations by Swift, NICER, and SMARTS. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4814-4831.	1.6	15
52	THE 2010 ERUPTION OF THE RECURRENT NOVA U SCORPII: THE MULTI-WAVELENGTH LIGHT CURVE. Astrophysical Journal, 2015, 811, 32.	1.6	14
53	Exploration of the high-redshift universe enabled by THESEUS. Experimental Astronomy, 2021, 52, 219-244.	1.6	12
54	Multi-messenger astrophysics with THESEUS in the 2030s. Experimental Astronomy, 2021, 52, 245-275.	1.6	12

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55	The Remarkable Spin-down and Ultrafast Outflows of the Highly Pulsed Supersoft Source of Nova Herculis 2021. Astrophysical Journal Letters, 2021, 922, L42.	3.0	10
56	The 2016 January eruption of recurrent Nova LMCâ€‰1968. Monthly Notices of the Royal Astronomical Society, 2020, 491, 655-679.	1.6	8
57	Synergies of THESEUS with the large facilities of the 2030s and guest observer opportunities. Experimental Astronomy, 2021, 52, 407-437.	1.6	8
58	X-ray properties of two transient ULX candidates in galaxy NGC 7090. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5709-5715.	1.6	7
59	Swift Multiwavelength Follow-up of LVC S200224ca and the Implications for Binary Black Hole Mergers. Astrophysical Journal, 2021, 907, 97.	1.6	7
60	Time domain astronomy with the THESEUS satellite. Experimental Astronomy, 2021, 52, 309-406.	1.6	7
61	The <italic>Ginga</italic> hard X-ray spectrum of AM Herculis. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	6
62	A Ginga hard X-ray search for 1-3 s quasi-periodic oscillations in AM Herculis systems. Monthly Notices of the Royal Astronomical Society, 1997, 286, 77-80.	1.6	6
63	Serendipitous Asteroid Lightcurve Survey Using SuperWASP. Earth, Moon and Planets, 2006, 97, 261-268.	0.3	5
64	In-flight calibration of the Swift XRT effective area. AIP Conference Proceedings, 2006, , .	0.3	3
65	Understanding the Death of Massive Stars Using an Astrophysical Transients Observatory. Frontiers in Astronomy and Space Sciences, 2018, 5, .	1.1	3
66	Design and implementation of electron diverters for lobster eye space-based X-ray optics. Review of Scientific Instruments, 2019, 90, 124502.	0.6	3
67	The in-flight spectroscopic calibration of the Swift XRT CCD camera. AIP Conference Proceedings, 2006, , .	0.3	2
68	Late-Time X-ray Flares during GRB Afterglows: Extended Internal Engine Activity. AIP Conference Proceedings, 2006, , .	0.3	2
69	GRB 050717: A Long, Short-Lag Burst Observed by Swift and Konus. AIP Conference Proceedings, 2006, , .	0.3	1
70	The Swift XRT: Observations of Early X-ray Afterglows. AIP Conference Proceedings, 2006, , .	0.3	1
71	The prompt and early afterglow X-ray spectra of Swift GRBs. AIP Conference Proceedings, 2006, , .	0.3	1
72	GRB 050904: the oldest cosmic explosion ever observed in the Universe. AIP Conference Proceedings, 2006, , .	0.3	1

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73	Improving Swift-XRT positions of GRBs. AIP Conference Proceedings, 2008, , .	0.3	1
74	GRB sample statistics from a uniform, automatic analysis of XRT data. , 2009, , .		1
75	The Hard X-Ray Spectra of EF Eri and Other CVs. International Astronomical Union Colloquium, 1996, 158, 205-208.	0.1	0
76	GRB 050421: A possible naked burst with X-ray flares. AIP Conference Proceedings, 2006, , .	0.3	0
77	GRB 050117: Simultaneous Gamma-ray and X-ray Observations with the Swift Satellite. AIP Conference Proceedings, 2006, , .	0.3	0
78	A Tale of Two Faint Bursts: GRB 050223 and GRB 050911. AIP Conference Proceedings, 2006, , .	0.3	0
79	Evidence for intrinsic absorption in the Swift X-ray afterglows. AIP Conference Proceedings, 2006, , .	0.3	0
80	A Tale of Two Faint Bursts: GRB 050223 and GRB 050911. , 2007, , .		0
81	GRB 070724B: the first Gamma Ray Burst localized by SuperAGILE. AIP Conference Proceedings, 2008, , .	0.3	0
82	A new universal photon energy-luminosity relationship for GRBs. AIP Conference Proceedings, 2008, , .	0.3	0
83	The rising X-ray afterglow of GRB 080307. , 2009, , .		0
84	Deriving an X-ray luminosity function of dwarf novae. , 2010, , .		0
85	On the Symbiotic X-Ray Binary Nature of the Star CGCS 5926. Open Astronomy, 2012, 21, .	0.2	0
86	The gamma-ray Cherenkov telescope for the Cherenkov telescope array. AIP Conference Proceedings, 2017, , .	0.3	0
87	INVESTIGATION OF JET BREAK FEATURES IN SWIFT GAMMA-RAY BURSTS. , 2008, , .		0