

# Bruce Gendre

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6739057/publications.pdf>

Version: 2024-02-01

116  
papers

19,428  
citations

87888

38  
h-index

37204

96  
g-index

117  
all docs

117  
docs citations

117  
times ranked

14132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the GRB 170202A Fireball from Continuous Observations with the Zadko and the Virgin Island Robotic Telescopes. <i>Astrophysical Journal</i> , 2022, 929, 16.	4.5	0
2	GRB160203A: an exploration of lumpy space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 716-722.	4.4	0
3	Optical observations of the BepiColombo spacecraft as a proxy for a potential threatening asteroid. <i>Acta Astronautica</i> , 2021, 184, 251-258.	3.2	0
4	Multi-messenger astrophysics with THESEUS in the 2030s. <i>Experimental Astronomy</i> , 2021, 52, 245-275.	3.7	12
5	The first six months of the Advanced LIGO's and Advanced Virgo's third observing run with GRANDMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3904-3927.	4.4	53
6	An extreme climate transition in the Caribbean's Virgin Islands. II. Sun and Northern hemisphere atmospheric-oceanic feedbacks. <i>International Journal of Climatology</i> , 2020, 40, 3623-3633.	3.5	1
7	GRANDMA observations of advanced LIGO's and advanced Virgo's third observational campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5518-5539.	4.4	63
8	Neutron Star Extreme Matter Observatory: A kilohertz-band gravitational-wave detector in the global network. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	114
9	FRIPON: a worldwide network to track incoming meteoroids. <i>Astronomy and Astrophysics</i> , 2020, 644, A53.	5.1	58
10	A Flare-type IV Burst Event from Proxima Centauri and Implications for Space Weather. <i>Astrophysical Journal</i> , 2020, 905, 23.	4.5	37
11	The Optical Luminosity-Time Correlation for More than 100 Gamma-Ray Burst Afterglows. <i>Astrophysical Journal Letters</i> , 2020, 905, L26.	8.3	32
12	Can we quickly flag ultra-long gamma-ray bursts?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2471-2476.	4.4	11
13	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	50
14	Accretion in strong field gravity with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	27
15	FROM A COMPUTER CONTROLLED TELESCOPE TO A ROBOTIC OBSERVATORY: THE HISTORY OF THE VIRT. <i>Revista Mexicana De Astronomía Y Astrofísica Serie De Conferencias</i> , 2019, 51, 9-14.	0.2	2
16	An extreme climate transition in the Caribbean's Virgin Islands. I. Evidence of teleconnection with the 1976/1977 Pacific climate shift. <i>International Journal of Climatology</i> , 2018, 38, 2730-2742.	3.5	1
17	The THESEUS space mission concept: science case, design and expected performances. <i>Advances in Space Research</i> , 2018, 62, 191-244.	2.6	133
18	THESEUS: A key space mission concept for Multi-Messenger Astrophysics. <i>Advances in Space Research</i> , 2018, 62, 662-682.	2.6	56

#	ARTICLE	IF	CITATIONS
19	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. <i>Nature</i> , 2017, 551, 67-70.	27.8	715
20	Follow Up of GW170817 and Its Electromagnetic Counterpart by Australian-Led Observing Programmes. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	3.4	142
21	The Zadko Telescope: Exploring the Transient Universe. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	3.4	5
22	A Study of GRBs with Low-luminosity Afterglows. <i>Astrophysical Journal</i> , 2017, 850, 117.	4.5	7
23	Challenging the Forward Shock Model with the 80 Ms Follow up of the X-ray Afterglow of Gamma-Ray Burst 130427A. <i>Galaxies</i> , 2017, 5, 6.	3.0	3
24	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001.	4.0	225
25	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016, 19, 1.	26.7	427
26	SOLAR ATMOSPHERIC MAGNETIC ENERGY COUPLING: BROAD PLASMA CONDITIONS AND SPECTRUM REGIMES. <i>Astrophysical Journal</i> , 2016, 833, 257.	4.5	2
27	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
28	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 826, L13.	8.3	210
29	The 80 Ms follow-up of the X-ray afterglow of GRB 130427A challenges the standard forward shock model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1111-1122.	4.4	26
30	All-sky search for long-duration gravitational wave transients with initial LIGO. <i>Physical Review D</i> , 2016, 93, .	4.7	29
31	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. <i>Physical Review D</i> , 2016, 93, .	4.7	17
32	First low frequency all-sky search for continuous gravitational wave signals. <i>Physical Review D</i> , 2016, 93, .	4.7	32
33	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. <i>Physical Review D</i> , 2016, 93, .	4.7	315
34	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016, 93, .	4.7	92
35	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. <i>Physical Review Letters</i> , 2016, 116, 131102.	7.8	269
36	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. <i>Physical Review Letters</i> , 2016, 116, 131103.	7.8	466

#	ARTICLE	IF	CITATIONS
37	SUPPLEMENT: "LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914" (2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	7.7	44
38	Observing gravitational-wave transient GW150914 with minimal assumptions. Physical Review D, 2016, 93, .	4.7	119
39	Tests of General Relativity with GW150914. Physical Review Letters, 2016, 116, 221101.	7.8	1,224
40	Properties of the Binary Black Hole Merger GW150914. Physical Review Letters, 2016, 116, 241102.	7.8	673
41	The LOFT mission concept: a status update. Proceedings of SPIE, 2016, , .	0.8	9
42	GRB 141221A: gone is the wind. Monthly Notices of the Royal Astronomical Society, 2016, 459, 508-516.	4.4	4
43	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. Astrophysical Journal Letters, 2016, 818, L22.	8.3	633
44	Observation of Gravitational Waves from a Binary Black Hole Merger. Physical Review Letters, 2016, 116, 061102.	7.8	8,753
45	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. , 2016, 19, 1.		1
46	ARE ULTRA-LONG GAMMA-RAY BURSTS DIFFERENT?. Astrophysical Journal, 2015, 800, 16.	4.5	35
47	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. Physical Review D, 2015, 91, .	4.7	37
48	REVISITING COINCIDENCE RATE BETWEEN GRAVITATIONAL WAVE DETECTION AND SHORT GAMMA-RAY BURST FOR THE ADVANCED AND THIRD GENERATION. Astrophysical Journal, 2015, 799, 69.	4.5	29
49	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. Physical Review D, 2015, 91, .	4.7	47
50	The Advanced Virgo detector. Journal of Physics: Conference Series, 2015, 610, 012014.	0.4	27
51	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. Astrophysical Journal, 2015, 813, 39.	4.5	66
52	Advanced Virgo: a second-generation interferometric gravitational wave detector. Classical and Quantum Gravity, 2015, 32, 024001.	4.0	2,530
53	Simultaneous event detection rates by electromagnetic and gravitational wave detectors in the advanced era of LIGO and Virgo. Monthly Notices of the Royal Astronomical Society, 2014, 437, 649-655.	4.4	36
54	Fall back accretion and energy injections in gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2014, 446, 3642-3650.	4.4	21

#	ARTICLE	IF	CITATIONS
55	Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. <i>Physical Review D</i> , 2014, 90, .	4.7	29
56	The Large Observatory for x-ray timing. <i>Proceedings of SPIE</i> , 2014, , .	0.8	10
57	Constraining the rate and luminosity function of Swift gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 15-28.	4.4	21
58	Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005â€“2010. <i>Physical Review D</i> , 2014, 89, .	4.7	28
59	Search for Gravitational Waves Associated with $\gamma$ -ray Bursts Detected by the Interplanetary Network. <i>Physical Review Letters</i> . 2014. 113. 011102.	7.8	32
60	Methods and results of a search for gravitational waves associated with gamma-ray bursts using the GEO 600, LIGO, and Virgo detectors. <i>Physical Review D</i> , 2014, 89, .	4.7	29
61	A HOT COCOON IN THE ULTRALONG GRB 130925A: HINTS OF A POPIII-LIKE PROGENITOR IN A LOW-DENSITY WIND ENVIRONMENT. <i>Astrophysical Journal Letters</i> , 2014, 790, L15.	8.3	57
62	The LOFT contribution to GRB science. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013, 239-240, 109-112.	0.4	4
63	THE ULTRA-LONG GAMMA-RAY BURST 111209A: THE COLLAPSE OF A BLUE SUPERGIANT?. <i>Astrophysical Journal</i> , 2013, 766, 30.	4.5	148
64	THE ULTRA-LONG GRB 111209A. II. PROMPT TO AFTERGLOW AND AFTERGLOW PROPERTIES. <i>Astrophysical Journal</i> , 2013, 779, 66.	4.5	67
65	The Swift gamma-ray burst redshift distribution: selection biases and optical brightness evolution at high z?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2141-2149.	4.4	46
66	VAST: An ASKAP Survey for Variables and Slow Transients. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	88
67	The Swift short gamma-ray burst rate density: implications for binary neutron star merger rates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2668-2673.	4.4	108
68	ORIGIN: metal creation and evolution from the cosmic dawn. <i>Experimental Astronomy</i> , 2012, 34, 519-549.	3.7	6
69	LOFT: the Large Observatory For X-ray Timing. <i>Proceedings of SPIE</i> , 2012, , .	0.8	29
70	GRB 110205A: ANATOMY OF A LONG GAMMA-RAY BURST. <i>Astrophysical Journal</i> , 2012, 748, 59.	4.5	28
71	The puzzling temporally variable optical and X-ray afterglow of GRB 101024A. <i>Astronomy and Astrophysics</i> , 2011, 530, A74.	5.1	2
72	Towards an optimal search strategy of optical and gravitational wave emissions from binary neutron star coalescence. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 415, L26-L30.	3.3	14

#	ARTICLE	IF	CITATIONS
73	The origin of the prompt optical emission in GRB 060111B. <i>Advances in Space Research</i> , 2011, 47, 1413-1415.	2.6	0
74	The Standard Model of GRBs at Face with GRB 090102A. , 2010, , .		0
75	A Correlated Optical and Gamma Emission from GRB 081126A. , 2010, , .		0
76	Browsing the sky through the ASI Science Data Centre Data Explorer Tool. , 2010, , .		1
77	Testing gamma-ray burst models with the afterglow of GRB 090102. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	4.4	17
78	A multiwavelength study of Swift GRB 060111B constraining the origin of its prompt optical emission. <i>Astronomy and Astrophysics</i> , 2009, 503, 783-795.	5.1	14
79	STUDYING THE WARM HOT INTERGALACTIC MEDIUM WITH GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2009, 697, 328-344.	4.5	38
80	EARLY OPTICAL OBSERVATIONS OF GAMMA-RAY BURSTS BY THE TAROT TELESCOPES: PERIOD 2001-2008. <i>Astronomical Journal</i> , 2009, 137, 4100-4108.	4.7	63
81	The TAROT archive: rising afterglows. , 2009, , .		4
82	Neutrino alert systems for Gamma Ray Bursts and transient astronomical sources. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 602, 275-278.	1.6	5
83	EDGE: Explorer of diffuse emission and gamma-ray burst explosions. <i>Experimental Astronomy</i> , 2009, 23, 67-89.	3.7	19
84	OBSERVATION OF CORRELATED OPTICAL AND GAMMA EMISSIONS FROM GRB 081126. <i>Astrophysical Journal</i> , 2009, 697, L18-L21.	4.5	12
85	The complex light curve of the afterglow of GRB071010A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 347-356.	4.4	44
86	X-ray afterglow light curves: toward a standard candle?. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	2
87	X-ray Afterglow Light Curves: Toward A Standard Candle?. <i>Astrophysical Journal</i> , 2008, 683, 620-629.	4.5	15
88	Gamma-ray burst afterglows: luminosity clustering at infrared wavelengths?. <i>Astronomy and Astrophysics</i> , 2008, 492, L1-L4.	5.1	7
89	Early emission of rising optical afterglows: the case of GRB 060904B and GRB 070420. <i>Astronomy and Astrophysics</i> , 2008, 483, 847-855.	5.1	27
90	EDGE: explorer of diffuse emission and gamma-ray burst explosions. , 2007, , .		5

#	ARTICLE	IF	CITATIONS
91	On the nature of X-ray flashes in the SWIFT era. <i>Astronomy and Astrophysics</i> , 2007, 465, L13-L16.	5.1	11
92	The gamma-ray burst 050904: evidence for a termination shock?. <i>Astronomy and Astrophysics</i> , 2007, 462, 565-573.	5.1	34
93	X-ray flashes or soft gamma-ray bursts?. <i>Astronomy and Astrophysics</i> , 2007, 461, 485-492.	5.1	10
94	The BeppoSAX catalog of GRB X-ray afterglow observations. <i>Astronomy and Astrophysics</i> , 2006, 455, 813-824.	5.1	54
95	X-ray continuum properties of GRB afterglows observed by XMM-Newton and Chandra. <i>Astronomy and Astrophysics</i> , 2006, 455, 803-812.	5.1	27
96	Continuous optical monitoring during the prompt emission of GRB 060111B. <i>Astronomy and Astrophysics</i> , 2006, 451, L39-L42.	5.1	43
97	ESTREMO/WFXRT: Extreme physics in the Transient and Evolving Cosmos. , 2006, , .		5
98	A systematic analysis of X-ray afterglows of gamma-ray burst observed by XMM-Newton. <i>Advances in Space Research</i> , 2006, 38, 1325-1328.	2.6	0
99	XMM-Newton observations of faint X-ray sources in globular clusters. <i>Advances in Space Research</i> , 2006, 38, 2930-2933.	2.6	0
100	Detection of a Very Bright Optical Flare from the Gamma-Ray Burst GRB 050904 at Redshift 6.29. <i>Astrophysical Journal</i> , 2006, 638, L71-L74.	4.5	82
101	Observation of the prompt and early afterglow of GRB 050904 by TAROT. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
102	A catalog of X-ray afterglows observed by BeppoSAX, XMM-Newton and Chandra. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
103	The true redshift distribution of Pre-SWIFT gamma-ray bursts. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
104	Multi-wavelength analysis of the field of the dark burst GRB 031220. <i>Astronomy and Astrophysics</i> , 2006, 451, 27-33.	5.1	2
105	Decay properties of the X-ray afterglows of gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2005, 430, 465-470.	5.1	24
106	Binary formation within globular clusters: X-ray clues. <i>Astronomy and Astrophysics</i> , 2005, 433, 137-141.	5.1	1
107	Using X-Rays to Probe the Compact Binary Content of Globular Clusters. <i>International Astronomical Union Colloquium</i> , 2004, 194, 75-76.	0.1	0
108	The XMM-Newton observation of GRB 040106: Evidence for an afterglow in a wind environment. <i>Astronomy and Astrophysics</i> , 2004, 424, L27-L30.	5.1	9

#	ARTICLE	IF	CITATIONS
109	X-ray sources and their optical counterparts in the globular cluster M 22. <i>Astronomy and Astrophysics</i> , 2004, 424, 133-143.	5.1	17
110	X-ray sources in globular clusters. <i>Astronomische Nachrichten</i> , 2003, 324, 147-147.	1.2	1
111	Discovery of a quiescent neutron star binary in the globular cluster M 13. <i>Astronomy and Astrophysics</i> , 2003, 403, L11-L14.	5.1	65
112	An XMM-Newton observation of the globular cluster Omega Centauri. <i>Astronomy and Astrophysics</i> , 2003, 400, 521-531.	5.1	67
113	First XMM-Newton observations of the globular cluster M 22. <i>Astronomy and Astrophysics</i> , 2002, 381, 481-486.	5.1	10
114	Limits on the early afterglow phase of gamma-ray burst sources from TAROT-1. <i>Astronomy and Astrophysics</i> , 2001, 378, 76-81.	5.1	7
115	THE ZADKO OBSERVATORY. <i>Revista Mexicana De Astronomía Y Astrofísica Serie De Conferencias</i> , 0, 53, 35-39.	0.2	0
116	GRANDMA: A NETWORK TO COORDINATE THEM ALL. <i>Revista Mexicana De Astronomía Y Astrofísica Serie De Conferencias</i> , 0, 53, 198-205.	0.2	3