Anthony Brown

List of Publications by Year
in descending order

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46 papers	21,855 citations	147801 31 h-index	243625 44 g-index
46 all docs	46 docs citations	46 times ranked	11574 citing authors

#	Article	IF	Citations
1	Gaia Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A6.	5.1	175
2	GaiaEarly Data Release 3. Astronomy and Astrophysics, 2021, 649, A2.	5.1	647
3	GaiaEarly Data Release 3. Astronomy and Astrophysics, 2021, 649, A8.	5.1	60
4	Finding Quasars behind the Galactic Plane. I. Candidate Selections with Transfer Learning. Astrophysical Journal, Supplement Series, 2021, 254, 6.	7.7	17
5	GaiaEarly Data Release 3. Astronomy and Astrophysics, 2021, 649, A1.	5.1	2,429
6	Selection Functions in Astronomical Data Modeling, with the Space Density of White Dwarfs as a Worked Example. Astronomical Journal, 2021, 162, 142.	4.7	20
7	Microarcsecond Astrometry: Science Highlights from Gaia. Annual Review of Astronomy and Astrophysics, 2021, 59, 59-115.	24.3	28
8	Unresolved stellar companions with Gaia DR2 astrometry. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1922-1940.	4.4	219
9	Characterizing the Evolved Stellar Population in the Galactic Foreground. I. Bolometric Magnitudes, Spatial Distribution and Periodâ€“Luminosity Relations. Astrophysical Journal, 2020, 904, 82.	4.5	2
10	New light on the Gaia DR2 parallax zero-point: influence of the asteroseismic approach, in and beyond the Kepler field. Astronomy and Astrophysics, 2019, 628, A35.	5.1	50
11	A Catalog of Known Galactic K-M Stars of Class I Candidate Red Supergiants in Gaia DR2. Astronomical Journal, 2019, 158, 20.	4.7	15
12	Photo-astrometric distances, extinctions, and astrophysical parameters for Gaia DR2 stars brighter than G = 18. Astronomy and Astrophysics, 2019, 628, A94.	5.1	201
13	Testing asteroseismology with Gaia DR2: hierarchical models of the Red Clump. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3569-3585.	4.4	46
14	GaiaData Release 2. Astronomy and Astrophysics, 2019, 623, A110.	5.1	101
15	Structure, kinematics, and ages of the young stellar populations in the Orion region. Astronomy and Astrophysics, 2019, 628, A123.	5.1	59
16	Gaia DR2 in 6D: searching for the fastest stars in the Galaxy. Monthly Notices of the Royal Astronomical Society, 2019, 490, 157-171.	4.4	63
17	3D mapping of young stars in the solar neighbourhood with Gaia DR2. Astronomy and Astrophysics, 2018, 620, A172.	5.1	104
18	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A11.	5.1	323

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19	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A9.	5.1	564
20	The merger that led to the formation of the Milky Wayâ€™s inner stellar halo and thick disk. Nature, 2018, 563, 85-88.	27.8	765
21	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A4.	5.1	556
22	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A14.	5.1	140
23	The mass of the young planet Beta Pictoris b through the astrometric motion of its host star. Nature Astronomy, 2018, 2, 883-886.	10.1	83
24	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A10.	5.1	638
25	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A1.	5.1	6,364
26	Three-dimensional motions in the Sculptor dwarf galaxy as a glimpse of a new era. Nature Astronomy, 2018, 2, 156-161.	10.1	55
27	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A12.	5.1	491
28	The Pre-main Sequence Population of Sco-Cen Unveiled with Gaia DR2. Research Notes of the AAS, 2018, 2, 58.	0.7	4
29	GaiaData Release 1. Astronomy and Astrophysics, 2017, 599, A32.	5.1	47
30	An artificial neural network to discover hypervelocity stars: candidates in Gaia DR1/TGAS. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1388-1403.	4.4	23
31	The Gaia sky: version 1.0. Proceedings of the International Astronomical Union, 2017, 12, 13-22.	0.0	2
32	Mapping young stellar populations toward Orion with Gaia DR1. Astronomy and Astrophysics, 2017, 608, A148.	5.1	26
33	Astrometric Galactic maser measurements cross-matched with Gaia. Proceedings of the International Astronomical Union, 2017, 13, 351-352.	0.0	0
34	Gaia Data Release 1. Astronomy and Astrophysics, 2017, 605, A79.	5.1	78
35	Gaia Data Release 1. Astronomy and Astrophysics, 2017, 601, A19.	5.1	77
36	GaiaData Release 1. Astronomy and Astrophysics, 2016, 595, A7.	5.1	59

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37	TheGaiamission. Astronomy and Astrophysics, 2016, 595, A1.	5.1	4,509
38	GaiaData Release 1. Astronomy and Astrophysics, 2016, 595, A2.	5.1	1,590
39	NESTED SHELLS REVEAL THE REJUVENATION OF THE ORIONâ€“ERIDANUS SUPERBUBBLE. Astrophysical Journal, 2015, 808, 111.	4.5	61
40	Attitude reconstruction for theGaiaspacecraft. Astronomy and Astrophysics, 2013, 551, A19.	5.1	10
41	Dynamical attitude model for Gaia. Experimental Astronomy, 2012, 34, 669-703.	3.7	5
42	The Gaia mission: science, organization and present status. Proceedings of the International Astronomical Union, 2007, 3, 217-223.	0.0	46
43	ELSA â€“ training the next generation of space astrometrists. Proceedings of the International Astronomical Union, 2007, 3, 529-530.	0.0	0
44	Getting ready for the micro-arcsecond era. Proceedings of the International Astronomical Union, 2007, 3, 567-576.	0.0	2
45	On the Hipparcos parallaxes of O stars. Astronomy and Astrophysics, 2004, 428, 149-157.	5.1	28
46	A [ITAL]Hipparcos[/ITAL] Census of the Nearby OB Associations. Astronomical Journal, 1999, 117, 354-399.	4.7	1,073