Ashley Chrimes

List of Publications by Year
in descending order

18 papers	266 citations	1040056 9 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	611 citing authors

#	Article	IF	Citations
1	The Gravitational-wave Optical Transient Observer (GOTO): prototype performance and prospects for transient science. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2405-2422.	4.4	18
2	The Fast Radio Burst-emitting Magnetar SGR 1935+2154â€"Proper Motion and Variability from Long-term Hubble Space Telescope Monitoring. Astrophysical Journal, 2022, 926, 121.	4.5	4
3	New candidates for magnetar counterparts from a deep search with the<i>Hubble Space Telescope</i>. Monthly Notices of the Royal Astronomical Society, 2022, 512, 6093-6103.	4.4	2
4	Where are the magnetar binary companions? Candidates from a comparison with binary population synthesis predictions. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3550-3563.	4.4	8
5	Estimating transient rates from cosmological simulations and BPASS. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1315-1334.	4.4	25
6	Transient-optimized real-bogus classification with Bayesian convolutional neural networks â€" sifting the GOTO candidate stream. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4838-4854.	4.4	19
7	Light-curve classification with recurrent neural networks for GOTO: dealing with imbalanced data. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4345-4361.	4.4	17
8	The Galactic neutron star population â€" I. An extragalactic view of the Milky Way and the implications for fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1929-1946.	4.4	9
9	Searching for <i>Fermi</i> GRB optical counterparts with the prototype Gravitational-wave Optical Transient Observer (GOTO). Monthly Notices of the Royal Astronomical Society, 2021, 507, 5463-5476.	4.4	3
10	Searching for electromagnetic counterparts to gravitational-wave merger events with the prototype Gravitational-Wave Optical Transient Observer (GOTO-4). Monthly Notices of the Royal Astronomical Society, 2020, 497, 726-738.	4.4	68
11	Machine learning for transient recognition in difference imaging with minimum sampling effort. Monthly Notices of the Royal Astronomical Society, 2020, 499, 6009-6017.	4.4	9
12	Evaluating the impact of binary parameter uncertainty on stellar population properties. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4605-4621.	4.4	19
13	Binary fraction indicators in resolved stellar populations and supernova-type ratios. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2201-2212.	4.4	9
14	A systematic ageing method I: Hâ€‰ii regions D118 and D119 in NGC 300. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1347-1363.	4.4	7
15	Binary population synthesis models for core-collapse gamma-ray burst progenitors. Monthly Notices of the Royal Astronomical Society, 2020, 491, 3479-3495.	4.4	36
16	The case for a high-redshift origin of GRBâ€‰100205A. Monthly Notices of the Royal Astronomical Society, 2019, 488, 902-909.	4.4	3
17	Chandra and Hubble Space Telescope observations of dark gamma-ray bursts and their host galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3105-3117.	4.4	7
18	Towards an understanding of long gamma-ray burst environments through circumstellar medium population synthesis predictions. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	3