

Ilaria Caiazzo

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

790
citations

687363

13
h-index

501196

28
g-index

37
all docs

37
docs citations

37
times ranked

1402
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ultramassive White Dwarfs of the Alpha Persei Cluster. <i>Astrophysical Journal Letters</i> , 2022, 926, L24.	8.3	10
2	Reconstructing the Pleiades with Gaia EDR3. <i>Astrophysical Journal</i> , 2022, 926, 132.	4.5	11
3	The cooling of massive white dwarfs from <i>Gaia</i> EDR3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5984-5993.	4.4	11
4	A 62-minute orbital period black widow binary in a wide hierarchical triple. <i>Nature</i> , 2022, 605, 41-45.	27.8	13
5	Slow convection and fast rotation in crystallization-driven white dwarf dynamos. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4111-4119.	4.4	20
6	When Do Stars Go Boom?. <i>Astrophysical Journal Letters</i> , 2022, 931, L20.	8.3	0
7	Probing magnetar emission mechanisms with X-ray spectropolarimetry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5024-5034.	4.4	8
8	Massive White Dwarfs in Young Star Clusters. <i>Astrophysical Journal</i> , 2021, 912, 165.	4.5	11
9	A highly magnetized and rapidly rotating white dwarf as small as the Moon. <i>Nature</i> , 2021, 595, 39-42.	27.8	56
10	A Systematic Search for Outbursting AM CVn Systems with the Zwicky Transient Facility. <i>Astronomical Journal</i> , 2021, 162, 113.	4.7	15
11	Multi-wavelength Observations of AT2019wey: a New Candidate Black Hole Low-mass X-ray Binary. <i>Astrophysical Journal</i> , 2021, 920, 120.	4.5	12
12	Polarization of accreting X-ray pulsars. I. A new model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 109-128.	4.4	22
13	A Systematic Search of Zwicky Transient Facility Data for Ultracompact Binary LISA-detectable Gravitational-wave Sources. <i>Astrophysical Journal</i> , 2020, 905, 32.	4.5	62
14	Intermediate-mass Stars Become Magnetic White Dwarfs. <i>Astrophysical Journal Letters</i> , 2020, 901, L14.	8.3	9
15	Polarization of accreting X-ray pulsars II. Hercules X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 129-136.	4.4	12
16	A Massive Magnetic Helium Atmosphere White Dwarf Binary in a Young Star Cluster. <i>Astrophysical Journal</i> , 2019, 880, 75.	4.5	11
17	Physics and astrophysics of strong magnetic field systems with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	17
18	A Multimass Velocity Dispersion Model of 47 Tucanae Indicates No Evidence for an Intermediate-mass Black Hole. <i>Astrophysical Journal</i> , 2019, 875, 1.	4.5	192

#	ARTICLE	IF	CITATIONS
19	Accretion in strong field gravity with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	27
20	Polarimetry of Magnetars and Isolated Neutron Stars. Astrophysics and Space Science Library, 2019, , 301-336.	2.7	3
21	Vacuum birefringence and the x-ray polarization from black-hole accretion disks. Physical Review D, 2018, 97, .	4.7	10
22	Strongly Magnetized Sources: QED and X-ray Polarization. Galaxies, 2018, 6, 76.	3.0	17
23	Distances to the Globular Clusters 47 Tucanae and NGC 362 Using Gaia DR2 Parallaxes. Astrophysical Journal, 2018, 867, 132.	4.5	37
24	PSR J1755-2550: a young radio pulsar with a massive, compact companion. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4315-4326.	4.4	21
25	The onset of convective coupling and freezing in the white dwarfs of 47 Tucanae. Monthly Notices of the Royal Astronomical Society, 2018, 474, 677-682.	4.4	1
26	Probing Black Hole Magnetic Fields with QED. Galaxies, 2018, 6, 57.	3.0	0
27	Using galaxy formation simulations to optimize LIGO follow-up observations. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2212-2216.	4.4	5
28	Polluting white dwarfs with perturbed exo-comets. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2750-2759.	4.4	30
29	Deep HST Imaging in 47 Tucanae: A Global Dynamical Model. Astrophysical Journal, 2017, 850, 186.	4.5	21
30	Magnetar giant flare high-energy emission. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1856-1872.	4.4	1
31	eXTP: Enhanced X-ray Timing and Polarization mission. Proceedings of SPIE, 2016, , .	0.8	106
32	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16