

Ilaria Caiazzo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4679441/publications.pdf>

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	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
2	eXTP: Enhanced X-ray Timing and Polarization mission. <i>Proceedings of SPIE</i> , 2016, , .	0.8	106
3	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
4	A highly magnetized and rapidly rotating white dwarf as small as the Moon. <i>Nature</i> , 2021, 595, 39-42.	27.8	56
5	Distances to the Globular Clusters 47 Tucanae and NGC 362 Using Gaia DR2 Parallaxes. <i>Astrophysical Journal</i> , 2018, 867, 132.	4.5	37
6	Polluting white dwarfs with perturbed exo-comets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 2750-2759.	4.4	30
7	Accretion in strong field gravity with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	27
8	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
9	Deep HST Imaging in 47 Tucanae: A Global Dynamical Model. <i>Astrophysical Journal</i> , 2017, 850, 186.	4.5	21
10	PSR J1755â~2550: a young radio pulsar with a massive, compact companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4315-4326.	4.4	21
11	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
12	Strongly Magnetized Sources: QED and X-ray Polarization. <i>Galaxies</i> , 2018, 6, 76.	3.0	17
13	Physics and astrophysics of strong magnetic field systems with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	17
14	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
15	A Systematic Search for Outbursting AM CVn Systems with the Zwicky Transient Facility. <i>Astronomical Journal</i> , 2021, 162, 113.	4.7	15
16	A 62-minute orbital period black widow binary in a wide hierarchical triple. <i>Nature</i> , 2022, 605, 41-45.	27.8	13
17	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
18	Polarization of accreting X-ray pulsars â€“ II. Hercules X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 129-136.	4.4	12

#	ARTICLE	IF	CITATIONS
19	A Massive Magnetic Helium Atmosphere White Dwarf Binary in a Young Star Cluster. Astrophysical Journal, 2019, 880, 75.	4.5	11
20	Massive White Dwarfs in Young Star Clusters. Astrophysical Journal, 2021, 912, 165.	4.5	11
21	Reconstructing the Pleiades with Gaia EDR3. Astrophysical Journal, 2022, 926, 132.	4.5	11
22	The cooling of massive white dwarfs from <i>Gaia</i> EDR3. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5984-5993.	4.4	11
23	Vacuum birefringence and the x-ray polarization from black-hole accretion disks. Physical Review D, 2018, 97, .	4.7	10
24	The Ultramassive White Dwarfs of the Alpha Persei Cluster. Astrophysical Journal Letters, 2022, 926, L24.	8.3	10
25	Intermediate-mass Stars Become Magnetic White Dwarfs. Astrophysical Journal Letters, 2020, 901, L14.	8.3	9
26	Probing magnetar emission mechanisms with X-ray spectropolarimetry. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5024-5034.	4.4	8
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	Polarimetry of Magnetars and Isolated Neutron Stars. Astrophysics and Space Science Library, 2019, , 301-336.	2.7	3
29	Magnetar giant flare high-energy emission. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1856-1872.	4.4	1
30	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
31	Probing Black Hole Magnetic Fields with QED. Galaxies, 2018, 6, 57.	3.0	0
32	When Do Stars Go Boom?. Astrophysical Journal Letters, 2022, 931, L20.	8.3	0