Dorottya SzÃ©csi

List of Publications by Year
in descending order

27	1,112	623734 14	713466 21
papers	citations	h-index	g-index

28	28	28	1806
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The effect of the metallicity-specific star formation history on double compact object mergers. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3740-3759.	4.4	192
2	On the formation history of Galactic double neutron stars. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4009-4029.	4.4	189
3	The THESEUS space mission concept: science case, design and expected performances. Advances in Space Research, 2018, 62, 191-244.	2.6	133
4	The Impact of Pair-instability Mass Loss on the Binary Black Hole Mass Distribution. Astrophysical Journal, 2019, 882, 121.	4.5	114
5	Low-metallicity massive single stars with rotation. Astronomy and Astrophysics, 2015, 581, A15.	5.1	105
6	Common-envelope ejection in massive binary stars. Astronomy and Astrophysics, 2016, 596, A58.	5.1	92
7	THESEUS: A key space mission concept for Multi-Messenger Astrophysics. Advances in Space Research, 2018, 62, 662-682.	2.6	56
8	Metallicity dependence of envelope inflation in massive stars. Astronomy and Astrophysics, 2017, 597, A71.	5.1	45
9	The fates of massive stars: exploring uncertainties in stellar evolution with metisse. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4549-4564.	4.4	26
10	Detailed evolutionary models of massive contact binaries â€“ I. Model grids and synthetic populations for the Magellanic Clouds. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5013-5033.	4.4	21
11	Bonn Optimized Stellar Tracks (BoOST). Astronomy and Astrophysics, 2022, 658, A125.	5.1	20
12	Low-metallicity massive single stars with rotation. Astronomy and Astrophysics, 2019, 623, A8.	5.1	17
13	Role of Supergiants in the Formation of Globular Clusters. Astrophysical Journal, 2019, 871, 20.	4.5	16
14	Searching for electromagnetic counterpart of LIGO gravitational waves in theFermiGBM data with ADWO. Astronomy and Astrophysics, 2016, 593, L10.	5.1	15
15	The clustering of gamma-ray bursts in the Herculesâ€“CoronaÂBorealis Great Wall: the largest structure in the Universe?. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2544-2553.	4.4	15
16	Explaining the differences in massive star models from various simulations. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5717-5725.	4.4	15
17	Exploration of the high-redshift universe enabled by THESEUS. Experimental Astronomy, 2021, 52, 219-244.	3.7	12
18	Supergiants and their shells in young globular clusters. Astronomy and Astrophysics, 2018, 612, A55.	5.1	10

#	Article	IF	Citations
19	Direction dependent background fitting for theFermiGBM data. Astronomy and Astrophysics, 2013, 557, A8.	5.1	9
20	Massive stars in extremely metal-poor galaxies: a window into the past. Experimental Astronomy, 2021, 51, 887-911.	3.7	5
21	X-Ray Emission from Star-cluster Winds in Starburst Galaxies. Astrophysical Journal, 2022, 927, 212.	4.5	5
22	Looking for gravitational lensing signals in the Fermi GRBs. , 2011, , .		0
23	Observational differences between Swift GRB classes. , 2011, , .		0
24	The Life and Death of Massive Stars in the Starburst Galaxy I Zw 18. Proceedings of the International Astronomical Union, 2015, 11, 215-216.	0.0	0
25	Core-hydrogen-burning RSGs in the early globular clusters. Proceedings of the International Astronomical Union, 2015, 11, 473-473.	0.0	0
26	Background fitting of Fermi gamma-ray burst 091030613. , 2012, , .		0
27	A new way of searching for transients: the ADWO method and its results. , 2017, , .		0