

# Dorottya SzÃ©csi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/705094/publications.pdf>

Version: 2024-02-01

27  
papers

1,112  
citations

623734

14  
h-index

713466

21  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1806  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bonn Optimized Stellar Tracks (BoOST). <i>Astronomy and Astrophysics</i> , 2022, 658, A125.	5.1	20
2	X-Ray Emission from Star-cluster Winds in Starburst Galaxies. <i>Astrophysical Journal</i> , 2022, 927, 212.	4.5	5
3	Explaining the differences in massive star models from various simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5717-5725.	4.4	15
4	Exploration of the high-redshift universe enabled by THESEUS. <i>Experimental Astronomy</i> , 2021, 52, 219-244.	3.7	12
5	Detailed evolutionary models of massive contact binaries – I. Model grids and synthetic populations for the Magellanic Clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5013-5033.	4.4	21
6	Massive stars in extremely metal-poor galaxies: a window into the past. <i>Experimental Astronomy</i> , 2021, 51, 887-911.	3.7	5
7	The clustering of gamma-ray bursts in the Hercules–Corona Borealis Great Wall: the largest structure in the Universe?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2544-2553.	4.4	15
8	The fates of massive stars: exploring uncertainties in stellar evolution with metisse. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4549-4564.	4.4	26
9	The effect of the metallicity-specific star formation history on double compact object mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3740-3759.	4.4	192
10	Role of Supergiants in the Formation of Globular Clusters. <i>Astrophysical Journal</i> , 2019, 871, 20.	4.5	16
11	Low-metallicity massive single stars with rotation. <i>Astronomy and Astrophysics</i> , 2019, 623, A8.	5.1	17
12	The Impact of Pair-instability Mass Loss on the Binary Black Hole Mass Distribution. <i>Astrophysical Journal</i> , 2019, 882, 121.	4.5	114
13	On the formation history of Galactic double neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4009-4029.	4.4	189
14	Supergiants and their shells in young globular clusters. <i>Astronomy and Astrophysics</i> , 2018, 612, A55.	5.1	10
15	The THESEUS space mission concept: science case, design and expected performances. <i>Advances in Space Research</i> , 2018, 62, 191-244.	2.6	133
16	THESEUS: A key space mission concept for Multi-Messenger Astrophysics. <i>Advances in Space Research</i> , 2018, 62, 662-682.	2.6	56
17	Metallicity dependence of envelope inflation in massive stars. <i>Astronomy and Astrophysics</i> , 2017, 597, A71.	5.1	45
18	A new way of searching for transients: the ADWO method and its results. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Common-envelope ejection in massive binary stars. <i>Astronomy and Astrophysics</i> , 2016, 596, A58.	5.1	92
20	Searching for electromagnetic counterpart of LIGO gravitational waves in the <i>Fermi</i> GBM data with ADWO. <i>Astronomy and Astrophysics</i> , 2016, 593, L10.	5.1	15
21	Low-metallicity massive single stars with rotation. <i>Astronomy and Astrophysics</i> , 2015, 581, A15.	5.1	105
22	The Life and Death of Massive Stars in the Starburst Galaxy I Zw 18. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 215-216.	0.0	0
23	Core-hydrogen-burning RSGs in the early globular clusters. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 473-473.	0.0	0
24	Direction dependent background fitting for the <i>Fermi</i> GBM data. <i>Astronomy and Astrophysics</i> , 2013, 557, A8.	5.1	9
25	Background fitting of Fermi gamma-ray burst 091030613. , 2012, , .		0
26	Looking for gravitational lensing signals in the Fermi GRBs. , 2011, , .		0
27	Observational differences between Swift GRB classes. , 2011, , .		0