

Pilar Gil-Pons

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

653
citations

1040056

9
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

856
citing authors

#	ARTICLE	IF	CITATIONS
1	Super- and massive AGB stars â€“ IV. Final fates â€“ initial-to-final mass relation. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2599-2612.	4.4	185
2	Super and massive AGB stars â€“ II. Nucleosynthesis and yields â€“ $Z=0.02, 0.008$ and 0.004 . Monthly Notices of the Royal Astronomical Society, 2013, 437, 195-214.	4.4	133
3	Super-AGB Stars and their Role as Electron Capture Supernova Progenitors. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	106
4	Super and massive AGB stars â€“ III. Nucleosynthesis in metal-poor and very metal-poor stars â€“ $Z = 0.001$ and 0.0001 . Monthly Notices of the Royal Astronomical Society, 2014, 441, 582-598.	4.4	91
5	Transition of the stellar initial mass function explored using binary population synthesis. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 432, L46-L50.	3.3	41
6	ON THE NECESSITY OF COMPOSITION-DEPENDENT LOW-TEMPERATURE OPACITY IN MODELS OF METAL-POOR ASYMPTOTIC GIANT BRANCH STARS. Astrophysical Journal, 2014, 784, 56.	4.5	29
7	The First Nova Explosions. Astrophysical Journal, 2007, 662, L103-L106.	4.5	25
8	The Impact of the Chemical Stratification of White Dwarfs on the Classification of Classical Novae. Astrophysical Journal, 2003, 597, L41-L44.	4.5	16
9	Primordial to extremely metal-poor AGB and Super-AGB stars: White dwarf or supernova progenitors?. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	15
10	Nucleosynthetic yields of $\langle Z \rangle = 10^{-5}$ intermediate-mass stars. Astronomy and Astrophysics, 2021, 645, A10.	5.1	10
11	Transition of the initial mass function in the galaxy based on binary population synthesis. , 2012, , .		2
12	Hiding in plain sight - red supergiant imposters? Super-AGB stars. Proceedings of the International Astronomical Union, 2015, 11, 446-446.	0.0	0
13	Monash Chemical Yields Project (Monŕey) Element production in low- and intermediate-mass stars. Proceedings of the International Astronomical Union, 2015, 11, 164-165.	0.0	0