

Michele Trabucchi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,253
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

2231
citing authors

#	ARTICLE	IF	CITATIONS
1	A NEW GENERATION OF PARSEC-COLIBRI STELLAR ISOCHRONES INCLUDING THE TP-AGB PHASE. <i>Astrophysical Journal</i> , 2017, 835, 77.	4.5	684
2	Constraining the thermally pulsing asymptotic giant branch phase with resolved stellar populations in the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5666-5692.	4.4	122
3	Constraining the thermally pulsing asymptotic giant branch phase with resolved stellar populations in the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3283-3301.	4.4	75
4	The VMC survey â€“ XXXI: The spatially resolved star formation history of the main body of the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5017-5036.	4.4	66
5	Determining stellar parameters of asteroseismic targets: going beyond the use of scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx120.	4.4	61
6	A New Interpretation of the Periodâ€“Luminosity Sequences of Long-period Variables. <i>Astrophysical Journal</i> , 2017, 847, 139.	4.5	48
7	Modelling long-period variables â€“ I. A new grid of O-rich and C-rich pulsation models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 929-949.	4.4	41
8	Carbon star formation as seen through the non-monotonic initialâ€“final mass relation. <i>Nature Astronomy</i> , 2020, 4, 1102-1110.	10.1	38
9	Estimating the dust production rate of carbon stars in the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5492-5513.	4.4	30
10	The onset of the AGB wind tied to a transition between sequences in the periodâ€“luminosity diagram. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4678-4682.	4.4	25
11	Modelling long-period variables â€“ II. Fundamental mode pulsation in the non-linear regime. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1575-1591.	4.4	20
12	The VMC survey â€“ XLIII. The spatially resolved star formation history across the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 245-266.	4.4	19
13	Period-luminosity diagram of long period variables in the Magellanic Clouds. <i>Astronomy and Astrophysics</i> , 2019, 631, A24.	5.1	15
14	PHAT XX. AGB Stars and Other Cool Giants in M31 Star Clusters. <i>Astrophysical Journal</i> , 2020, 901, 19.	4.5	7
15	Characterisation of long-period variables in the Magellanic Clouds. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 301-304.	0.0	1
16	AGB stars in Gaia DR2. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 73-76.	0.0	1