

Silvia Martocchia

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

521
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	Age as a major factor in the onset of multiple populations in stellar clusters. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2688-2700.	4.4	99
2	The search for multiple populations in Magellanic Cloud Clusters – III. No evidence for multiple populations in the SMC cluster NGC 419. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3150-3158.	4.4	61
3	The search for multiple populations in Magellanic Cloud clusters – IV. Coeval multiple stellar populations in the young star cluster NGC 1978. Monthly Notices of the Royal Astronomical Society, 2018, 477, 4696-4705.	4.4	56
4	Cluster kinematics and stellar rotation in NGC 419 with MUSE and adaptive optics. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1689-1695.	4.4	49
5	The search for multiple populations in Magellanic Clouds clusters – V. Correlation between cluster age and abundance spreads. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5324-5334.	4.4	45
6	How stellar rotation shapes the colour-magnitude diagram of the massive intermediate-age star cluster NGC 1846. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2177-2192.	4.4	35
7	A Family Picture: Tracing the Dynamical Path of the Structural Properties of Multiple Populations in Globular Clusters. Astrophysical Journal Letters, 2019, 884, L24.	8.3	32
8	Spectroscopic detection of multiple populations in the ~4 Gyr old cluster Hodge 6 in the LMC. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4718-4725.	4.4	26
9	Helium enrichment in intermediate-age Magellanic Clouds clusters: towards an ubiquity of multiple stellar populations?. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5236-5244.	4.4	23
10	Photometric characterization of multiple populations in star clusters: the impact of the first dredge-up. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3459-3464.	4.4	14
11	Chromosome maps of young LMC clusters: an additional case of coeval multiple populations. Monthly Notices of the Royal Astronomical Society, 2020, 493, 6060-6070.	4.4	13
12	Expanding the Time Domain of Multiple Populations: Evidence of Nitrogen Variations in the ~1.5 Gyr Old Star Cluster NGC 1783. Astrophysical Journal Letters, 2022, 924, L2.	8.3	13
13	Multiple populations in integrated light spectroscopy of intermediate-age clusters. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 489, L80-L85.	3.3	12
14	On the Nitrogen variation in ~2 Gyr old massive star clusters in the large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5389-5402.	4.4	12
15	Searching for globular cluster chemical anomalies on the main sequence of a young massive cluster. Monthly Notices of the Royal Astronomical Society, 2020, 495, 375-382.	4.4	11
16	Leveraging HST with MUSE – I. Sodium abundance variations within the 2-Gyr-old cluster NGC 1978. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4472-4480.	4.4	11
17	Searching for multiple populations in the integrated light of the young and extremely massive clusters in the merger remnant NGC 7252. Monthly Notices of the Royal Astronomical Society, 2020, 494, 332-337.	4.4	9
18	The role of cluster age on the onset of multiple populations in stellar clusters. Proceedings of the International Astronomical Union, 2019, 14, 329-332.	0.0	0