

Elena Sacchi

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

762
citations

471509

17
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1077
citing authors

#	ARTICLE	IF	CITATIONS
1	The Smallest Scale of Hierarchy Survey (SSH) II. Extended star formation and bar-like features in the dwarf galaxy NGC 3741: recent merger or ongoing gas accretion?. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1781-1794.	4.4	1
2	Structural Parameters and Possible Association of the Ultra-faint Dwarfs Pegasus III and Pisces II from Deep Hubble Space Telescope Photometry. Astrophysical Journal, 2022, 933, 217.	4.5	5
3	Reaching the Oldest Stars beyond the Local Group: Ancient Star Formation in UGC 4483*. Astrophysical Journal, 2021, 911, 62.	4.5	4
4	Dancing in the void: hydrodynamical N -body simulations of the extremely metal-poor galaxy DDO 68. Monthly Notices of the Royal Astronomical Society, 2021, 509, 2940-2956.	4.4	4
5	Star Formation Histories of Ultra-faint Dwarf Galaxies: Environmental Differences between Magellanic and Non-Magellanic Satellites?*. Astrophysical Journal Letters, 2021, 920, L19.	8.3	24
6	LEGUS and $H\alpha$ -LEGUS Observations of Star Clusters in NGC 4449: Improved Ages and the Fraction of Light in Clusters as a Function of Age. Astrophysical Journal, 2020, 889, 154.	4.5	29
7	The Age Dependence of Mid-infrared Emission around Young Star Clusters. Astrophysical Journal, 2020, 896, 16.	4.5	7
8	Candidate LBV stars in galaxy NGC 7793 found via HST photometry + MUSE spectroscopy. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2410-2428.	4.4	12
9	$H\alpha$ morphologies of star clusters: a LEGUS study of $H\alpha$ region evolution time-scales and stochasticity in low-mass clusters. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4648-4665.	4.4	42
10	HST Resolves Stars in a Tiny Body Falling on the Dwarf Galaxy DDO 68. Astrophysical Journal, 2019, 883, 19.	4.5	13
11	Chemical abundances and radial velocities in the extremely metal-poor galaxy DDO 68. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3892-3914.	4.4	25
12	Star cluster catalogues for the LEGUS dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4897-4919.	4.4	42
13	Star Formation Histories of the LEGUS Spiral Galaxies. I. The Flocculent Spiral NGC 7793. Astrophysical Journal, 2019, 878, 1.	4.5	18
14	Star Formation Histories of the LEGUS Dwarf Galaxies. III. The Nonbursty Nature of 23 Star-forming Dwarf Galaxies*. Astrophysical Journal, 2019, 887, 112.	4.5	23
15	A Study of Two Dwarf Irregular Galaxies with Asymmetrical Star Formation Distributions. Astrophysical Journal, 2018, 855, 7.	4.5	4
16	The Resolved Stellar Populations in the LEGUS Galaxies I. Astrophysical Journal, Supplement Series, 2018, 235, 23.	7.7	63
17	Extinction Maps and Dust-to-gas Ratios in Nearby Galaxies with LEGUS. Astrophysical Journal, 2018, 855, 133.	4.5	24
18	Connecting young star clusters to CO molecular gas in NGC 7793 with ALMA. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1016-1027.	4.4	62

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19	The Missing Satellites of the Magellanic Clouds? Gaia Proper Motions of the Recently Discovered Ultra-faint Galaxies. <i>Astrophysical Journal</i> , 2018, 867, 19.	4.5	111
20	Star formation and environment: a step in understanding the formation and evolution of local dwarf galaxies. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 413-416.	0.0	0
21	Star Formation Histories of the LEGUS Dwarf Galaxies. I. Recent History of NGC 1705, NGC 4449, and Holmberg II*. <i>Astrophysical Journal</i> , 2018, 856, 62.	4.5	24
22	Star Formation Histories of the LEGUS Dwarf Galaxies. II. Spatially Resolved Star Formation History of the Magellanic Irregular NGC 4449. <i>Astrophysical Journal</i> , 2018, 857, 63.	4.5	19
23	Hierarchical star formation across the grand-design spiral NGC 1566. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 509-530.	4.4	32
24	Legacy ExtraGalactic UV Survey with The Hubble Space Telescope: Stellar Cluster Catalogs and First Insights Into Cluster Formation and Evolution in NGC 628. <i>Astrophysical Journal</i> , 2017, 841, 131.	4.5	107
25	DDO 68: A FLEA WITH SMALLER FLEAS THAT ON HIM PREY. <i>Astrophysical Journal Letters</i> , 2016, 826, L27.	8.3	33
26	STELLAR POPULATIONS AND STAR FORMATION HISTORY OF THE METAL-POOR DWARF GALAXY DDO 68. <i>Astrophysical Journal</i> , 2016, 830, 3.	4.5	34