

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
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26
all docs

26
docs citations

26
times ranked

1077
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | The Resolved Stellar Populations in the LEGUS Galaxies I. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 23. | 7.7 | 63 |
| 4 | Connecting young star clusters to CO molecular gas in NGC 7793 with ALMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1016-1027. | 4.4 | 62 |
| 5 | H α morphologies of star clusters: a LEGUS study of H α region evolution time-scales and stochasticity in low-mass clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4648-4665. | 4.4 | 42 |
| 6 | Star cluster catalogues for the LEGUS dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4897-4919. | 4.4 | 42 |
| 7 | STELLAR POPULATIONS AND STAR FORMATION HISTORY OF THE METAL-POOR DWARF GALAXY DDO 68. <i>Astrophysical Journal</i> , 2016, 830, 3. | 4.5 | 34 |
| 8 | DDO 68: A FLEA WITH SMALLER FLEAS THAT ON HIM PREY. <i>Astrophysical Journal Letters</i> , 2016, 826, L27. | 8.3 | 33 |
| 9 | 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 |
| 10 | LEGUS and H α -LEGUS Observations of Star Clusters in NGC 4449: Improved Ages and the Fraction of Light in Clusters as a Function of Age. <i>Astrophysical Journal</i> , 2020, 889, 154. | 4.5 | 29 |
| 11 | Chemical abundances and radial velocities in the extremely metal-poor galaxy DDO 68. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3892-3914. | 4.4 | 25 |
| 12 | Extinction Maps and Dust-to-gas Ratios in Nearby Galaxies with LEGUS. <i>Astrophysical Journal</i> , 2018, 855, 133. | 4.5 | 24 |
| 13 | 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 |
| 14 | Star Formation Histories of Ultra-faint Dwarf Galaxies: Environmental Differences between Magellanic and Non-Magellanic Satellites*. <i>Astrophysical Journal Letters</i> , 2021, 920, L19. | 8.3 | 24 |
| 15 | Star Formation Histories of the LEGUS Dwarf Galaxies. III. The Nonbursty Nature of 23 Star-forming Dwarf Galaxies*. <i>Astrophysical Journal</i> , 2019, 887, 112. | 4.5 | 23 |
| 16 | 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 |
| 17 | Star Formation Histories of the LEGUS Spiral Galaxies. I. The Flocculent Spiral NGC 7793. <i>Astrophysical Journal</i> , 2019, 878, 1. | 4.5 | 18 |
| 18 | HST Resolves Stars in a Tiny Body Falling on the Dwarf Galaxy DDO 68. <i>Astrophysical Journal</i> , 2019, 883, 19. | 4.5 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Candidate LBV stars in galaxy NGC 7793 found via <i>HST</i> photometry + MUSE spectroscopy. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2410-2428. | 4.4 | 12 |
| 20 | The Age Dependence of Mid-infrared Emission around Young Star Clusters. Astrophysical Journal, 2020, 896, 16. | 4.5 | 7 |
| 21 | 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 |
| 22 | A Study of Two Dwarf Irregular Galaxies with Asymmetrical Star Formation Distributions. Astrophysical Journal, 2018, 855, 7. | 4.5 | 4 |
| 23 | Reaching the Oldest Stars beyond the Local Group: Ancient Star Formation in UGC 4483*. Astrophysical Journal, 2021, 911, 62. | 4.5 | 4 |
| 24 | Dancing in the void: hydrodynamical <i>N</i> -body simulations of the extremely metal-poor galaxy DDO 68. Monthly Notices of the Royal Astronomical Society, 2021, 509, 2940-2956. | 4.4 | 4 |
| 25 | 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 |
| 26 | Star formation and environment: a step in understanding the formation and evolution of local dwarf galaxies. Proceedings of the International Astronomical Union, 2018, 14, 413-416. | 0.0 | 0 |