

Giuseppina Battaglia

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

706
citations

623734

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h-index

839539

18
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20
all docs

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docs citations

20
times ranked

1224
citing authors

#	ARTICLE	IF	CITATIONS
1	THE ACS LCID PROJECT: ON THE ORIGIN OF DWARF GALAXY TYPESâ€”A MANIFESTATION OF THE HALO ASSEMBLY BIAS?. <i>Astrophysical Journal Letters</i> , 2015, 811, L18.	8.3	96
2	THE RESOLVED STRUCTURE AND DYNAMICS OF AN ISOLATED DWARF GALAXY: A VLT AND KECK SPECTROSCOPIC SURVEY OF WLM. <i>Astrophysical Journal</i> , 2012, 750, 33.	4.5	91
3	Internal kinematics and dynamical models of dwarf spheroidal galaxies around the Milky Way. <i>New Astronomy Reviews</i> , 2013, 57, 52-79.	12.8	84
4	THE COMPARATIVE CHEMICAL EVOLUTION OF AN ISOLATED DWARF GALAXY: A VLT AND KECK SPECTROSCOPIC SURVEY OF WLM. <i>Astrophysical Journal</i> , 2013, 767, 131.	4.5	72
5	APOGEE Chemical Abundances of the Sagittarius Dwarf Galaxy. <i>Astrophysical Journal</i> , 2017, 845, 162.	4.5	68
6	Prolate rotation and metallicity gradient in the transforming dwarf galaxy Phoenix. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2006-2023.	4.4	51
7	Metallicity and \pm -Element Abundance Gradients along the Sagittarius Stream as Seen by APOGEE. <i>Astrophysical Journal</i> , 2020, 889, 63.	4.5	51
8	The effect of tides on the Fornax dwarf spheroidal galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2401-2415.	4.4	30
9	Zero-metallicity Hypernova Uncovered by an Ultra-metal-poor Star in the Sculptor Dwarf Spheroidal Galaxy*. <i>Astrophysical Journal Letters</i> , 2021, 915, L30.	8.3	30
10	A unified model for ageâ€”velocity dispersion relations in Local Group galaxies: disentangling ISM turbulence and latent dynamical heating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1879-1896.	4.4	25
11	A dwarfâ€”dwarf merger and dark matter core as a solution to the globular cluster problems in the Fornax dSph. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 320-336.	4.4	23
12	The E-ELT first light spectrograph HARMONI: capabilities and modes. <i>Proceedings of SPIE</i> , 2016, , .	0.8	22
13	On the early evolution of Local Group dwarf galaxy types: star formation and supernova feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1514-1527.	4.4	20
14	Stellar dynamics and dark matter in Local Group dwarf galaxies. <i>Nature Astronomy</i> , 2022, 6, 659-672.	10.1	16
15	What is the Milky Way outer halo made of?. <i>Astronomy and Astrophysics</i> , 2017, 608, A145.	5.1	12
16	Joint gas and stellar dynamical models of WLM: an isolated dwarf galaxy within a cored, prolate DM halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 410-429.	4.4	7
17	Origin of stellar prolate rotation in a cosmologically simulated faint dwarf galaxy. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 505, L100-L105.	3.3	5
18	AGC 226178 and NGVS 3543: Two Deceptive Dwarfs toward Virgo. <i>Astrophysical Journal Letters</i> , 2022, 926, L15.	8.3	3

#	ARTICLE	IF	CITATIONS
19	Stellar kinematics and dark matter in dwarf galaxies. Proceedings of the International Astronomical Union, 2015, 11, 145-152.	0.0	0
20	Probing the low surface brightness outskirts of Milky Way dSphs: Sextans. Proceedings of the International Astronomical Union, 2016, 11, 45-45.	0.0	0