Michele Cantiello

List of Publications by Year
in descending order

79	2,385	172457	223800
papers	citations	29 h-index	46 g-index

81	81	81	2585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	THE FORNAX DEEP SURVEY WITH VST. I. THE EXTENDED AND DIFFUSE STELLAR HALO OF NGC 1399 OUT TO 192 kpc. Astrophysical Journal, 2016, 820, 42.	4.5	116
2	The Fornax Deep Survey with VST. Astronomy and Astrophysics, 2017, 608, A142.	5.1	110
3	A Precise Distance to the Host Galaxy of the Binary Neutron Star Merger GW170817 Using Surface Brightness Fluctuations^{â^—}. Astrophysical Journal Letters, 2018, 854, L31.	8.3	99
4	SURFACE BRIGHTNESS FLUCTUATIONS IN THEHUBBLE SPACE TELESCOPEACS/WFC F814W BANDPASS AND AN UPDATE ON GALAXY DISTANCES. Astrophysical Journal, 2010, 724, 657-668.	4.5	84
5	The Next Generation Virgo Cluster Survey. XXIII. Fundamentals of Nuclear Star Clusters over Seven Decades in Galaxy Mass. Astrophysical Journal, 2019, 878, 18.	4.5	83
6	The Fornax Deep Survey with the VST. Astronomy and Astrophysics, 2018, 620, A165.	5.1	79
7	New Optical and Near-Infrared Surface Brightness Fluctuation Models. II. Young and Intermediate-Age Stellar Populations. Astronomical Journal, 2005, 130, 2625-2646.	4.7	77
8	A new measurement of the Hubble constant using Type Ia supernovae calibrated with surface brightness fluctuations. Astronomy and Astrophysics, 2021, 647, A72.	5.1	72
9	VEGAS: A VST Early-type GAlaxy Survey. Astronomy and Astrophysics, 2015, 581, A10.	5.1	66
10	The Next Generation Virgo Cluster Survey (NGVS). XVIII. Measurement and Calibration of Surface Brightness Fluctuation Distances for Bright Galaxies in Virgo (and Beyond). Astrophysical Journal, 2018, 856, 126.	4.5	66
11	Detection of Radial Surface Brightness Fluctuations and Color Gradients in Elliptical Galaxies with the Advanced Camera for Surveys. Astrophysical Journal, 2005, 634, 239-257.	4.5	63
12	New Optical and Near-Infrared Surface Brightness Fluctuation Models: A Primary Distance Indicator Ranging from Globular Clusters to Distant Galaxies?. Astronomical Journal, 2003, 125, 2783-2808.	4.7	61
13	The Fornax Deep Survey with VST. II. Fornax A: A Two-phase Assembly Caught in the Act. Astrophysical Journal, 2017, 839, 21.	4.5	60
14	VEGAS: A VST Early-type GAlaxy Survey. Astronomy and Astrophysics, 2017, 603, A38.	5.1	60
15	On the Metallicityâ€Color Relations and Bimodal Color Distributions in Extragalactic Globular Cluster Systems. Astrophysical Journal, 2007, 669, 982-989.	4.5	52
16	The Fornax Deep Survey (FDS) with VST. Astronomy and Astrophysics, 2019, 625, A143.	5.1	52
17	THE EXTENDED SPATIAL DISTRIBUTION OF GLOBULAR CLUSTERS IN THE CORE OF THE FORNAX CLUSTER. Astrophysical Journal Letters, 2016, 819, L31.	8.3	51
18	Halo mass estimates from the globular cluster populations of 175 low surface brightness galaxies in the Fornax cluster. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4865-4880.	4.4	50

#	Article	IF	Citations
19	The Fornax Deep Survey with the VST. Astronomy and Astrophysics, 2019, 623, A1.	5.1	49
20	An optical/NIR survey of globular clusters in early-type galaxies. Astronomy and Astrophysics, 2012, 539, A54.	5.1	47
21	Intracluster Patches of Baryons in the Core of the Fornax Cluster. Astrophysical Journal, 2017, 851, 75.	4.5	46
22	The Fornax Deep Survey with VST. Astronomy and Astrophysics, 2020, 639, A14.	5.1	42
23	The Next Generation Virgo Cluster Survey (NGVS). XXIV. The Red Sequence to â^¼10⁶ L_{âŠ™} and Comparisons with Galaxy Formation Models. Astrophysical Journal, 2017, 836, 120.	4.5	40
24	The Next Generation Virgo Cluster Survey (NGVS). XIV. The Discovery of Low-mass Galaxies and a New Galaxy Catalog in the Core of the Virgo Cluster^{â^—}. Astrophysical Journal, 2020, 890, 128.	4.5	39
25	Surface Brightness Fluctuations from Archival ACS Images: A Stellar Population and Distance Study. Astrophysical Journal, 2007, 668, 130-149.	4.5	36
26	VEGAS-SSS. II. Comparing the globular cluster systems in NGC 3115 and NGC 1399 using VEGAS and FDS survey data. Astronomy and Astrophysics, 2018, 611, A93.	5.1	35
27	THE MASS-METALLICITY RELATION OF GLOBULAR CLUSTERS IN THE CONTEXT OF NONLINEAR COLOR-METALLICTY RELATIONS. Astrophysical Journal, 2010, 710, 51-63.	4.5	33
28	Abundance ratios and IMF slopes in the dwarf elliptical galaxy NGC 1396 with MUSE. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2819-2838.	4.4	32
29	VEGAS: A VST Early-type Galaxy Survey. III. Mapping the Galaxy Structure, Interactions, and Intragroup Light in the NGC 5018 Group. Astrophysical Journal, 2018, 864, 149.	4.5	31
30	The distance to NGCâ€‰1316 (Fornax A): yet another curious case. Astronomy and Astrophysics, 2013, 552, A106.	5.1	30
31	The Fornax Deep Survey (FDS) with the VST. Astronomy and Astrophysics, 2021, 647, A100.	5.1	29
32	STEP: the VST survey of the SMC and the Magellanic Bridge â€“ I. Overview and first resultsâ˜…. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1897-1921.	4.4	28
33	The first detection of ultra-diffuse galaxies in the Hydra I cluster from the VEGAS survey. Astronomy and Astrophysics, 2020, 642, A48.	5.1	28
34	Optical Surface Brightness Fluctuations of Shell Galaxies toward 100 Mpc. Astrophysical Journal, 2008, 678, 168-178.	4.5	26
35	Globular clusters of NGCâ€‰3115 in the near-infrared. Astronomy and Astrophysics, 2014, 564, L3.	5.1	26
36	The Fornax Cluster VLT Spectroscopic Survey II â€“ Planetary Nebulae kinematics within 200â€‰kpc of the cluster core. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1880-1892.	4.4	26

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37	The Fornax Cluster VLT Spectroscopic Survey â€“ I. VIMOS spectroscopy of compact stellar systems in the Fornax core region. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1744-1756.	4.4	26
38	Independent Analysis of the Distance to NGCâ€‰1052-DF2. Research Notes of the AAS, 2018, 2, 146.	0.7	26
39	An ultra diffuse galaxy in the NGC 5846 group from the VEGAS survey. Astronomy and Astrophysics, 2019, 626, A66.	5.1	25
40	MEASURING INFRARED SURFACE BRIGHTNESS FLUCTUATION DISTANCES WITHHSTWFC3: CALIBRATION AND ADVICE. Astrophysical Journal, 2015, 808, 91.	4.5	24
41	THE NEXT GENERATION VIRGO CLUSTER SURVEY. XXII. SHELL FEATURE EARLY-TYPE DWARF GALAXIES IN THE VIRGO CLUSTER*. Astrophysical Journal, 2017, 834, 66.	4.5	24
42	The Fornax Deep Survey with VST. Astronomy and Astrophysics, 2020, 640, A137.	5.1	24
43	The Fornax Deep Survey with the VST. Astronomy and Astrophysics, 2019, 628, A4.	5.1	23
44	The Fornax Deep Survey with VST. Astronomy and Astrophysics, 2020, 639, A136.	5.1	22
45	The Globular Cluster System in NGC 5866: Optical Observations fromHubble Space TelescopeAdvanced Camera for Surveys. Astrophysical Journal, 2007, 668, 209-220.	4.5	20
46	Detection of Surface Brightness Fluctuations in Elliptical Galaxies Imaged with the Advanced Camera for Surveys:Bâ€•andâ€Band Measurements. Astrophysical Journal, 2007, 662, 940-951.	4.5	19
47	The star cluster population of the spiral galaxy NGC 3370. Astronomy and Astrophysics, 2009, 503, 87-101.	5.1	18
48	VEGAS: A VST Early-type GAlaxy Survey. Astronomy and Astrophysics, 2021, 651, A39.	5.1	18
49	Infrared Surface Brightness Fluctuation Distances for MASSIVE and Type Ia Supernova Host Galaxies*. Astrophysical Journal, Supplement Series, 2021, 255, 21.	7.7	17
50	VEGAS-SSS. A VST early-type galaxy survey: analysis of small stellar systems. Astronomy and Astrophysics, 2015, 576, A14.	5.1	16
51	The Fornax Deep Survey with the VST. Astronomy and Astrophysics, 2022, 662, A43.	5.1	16
52	STREGA: STRucture and Evolution of the GAlaxy â€“ I. Survey overview and first resultsâ˜…. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3809-3828.	4.4	15
53	Ultradiffuse galaxies in the ICÂ1459 group from the VEGAS survey. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5293-5297.	4.4	14
54	Formation of an ultra-diffuse galaxy in the stellar filaments of NGC 3314A: Caught in the act?. Astronomy and Astrophysics, 2021, 652, L11.	5.1	12

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55	The Intra-Group Baryons in the LEO I Pair From the VST Early-Type GAlaxy Survey. Frontiers in Astronomy and Space Sciences, 2022, 9, .	2.8	12
56	Galaxy populations in the Hydra I cluster from the VEGAS survey. Astronomy and Astrophysics, 2022, 659, A92.	5.1	12
57	A VST and VISTA study of globular clusters in NGC 253. Astronomy and Astrophysics, 2018, 611, A21.	5.1	10
58	The Fornax Cluster VLT Spectroscopic Survey. Astronomy and Astrophysics, 2022, 657, A93.	5.1	10
59	VLT opticalBVRobservations of two bright supernova Ia hosts in the Virgo cluster. Astronomy and Astrophysics, 2011, 532, A154.	5.1	9
60	Distances and stellar population properties for 12 elliptical galaxies. Astronomy and Astrophysics, 2011, 534, A35.	5.1	9
61	A bag of tricks: Using proper motions of Galactic stars to identify the Hercules ultra-faint dwarf galaxy members. Astronomy and Astrophysics, 2014, 570, A61.	5.1	9
62	Ultra-compact dwarfs beyond the centre of the Fornax galaxy cluster: hints of UCD formation in low-density environments. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3580-3609.	4.4	8
63	The Fornax Cluster VLT Spectroscopic Survey. IV. Cold kinematical substructures in the Fornax core from COSTA. Astronomy and Astrophysics, 0, , .	5.1	6
64	Astroinformatics-based search for globular clusters in the Fornax Deep Survey. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4080-4106.	4.4	4
65	Search for the optical counterpart of the GW170814 gravitational wave event with the VLT Survey Telescope. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1731-1754.	4.4	3
66	Optical observations of bright elliptical galaxies in the Virgo cluster: stellar population and distance analysis. Astrophysics and Space Science, 2012, 341, 187-194.	1.4	2
67	A forming wide polar-ring galaxy at $z \sim 0.05$ in the VST Deep Field of the Fornax cluster. Astronomy and Astrophysics, 2015, 574, A111.	5.1	2
68	A Photometric Study of Giant Ellipticals and Their Stellar Halos With VST. Galaxies, 2017, 5, 31.	3.0	2
69	Simulations and performances of AMICA at Dome C. , 2012, , .		1
70	Intra-cluster GC-LMXB in the Fornax galaxy cluster. Proceedings of the International Astronomical Union, 2019, 14, 151-154.	0.0	1
71	The Fornax Deep Survey (FDS) with VST. Astronomy and Astrophysics, 2020, 633, C2.	5.1	1
72	Pixel lensing observations towards globular clusters. Astronomy and Astrophysics, 2003, 405, 125-133.	5.1	1

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73	Tracing stellar populations of galaxies with the SBF method. Proceedings of the International Astronomical Union, 2006, 2, .	0.0	0
74	Disentangling age and metallicity in distant unresolved stellar systems. , 2009, , .		0
75	Optical SBF of distant shell galaxies. , 2009, , .		0
76	The VST Survey of the SMC and the Magellanic Bridge (STEP): First Results. Thirty Years of Astronomical Discovery With UKIRT, 2016, , 145-149.	0.3	0
77	Globular clusters in the Fornax cluster: A report from the FDS survey. Proceedings of the International Astronomical Union, 2019, 14, 68-71.	0.0	0
78	The Fornax Deep Survey with the VST. Astronomy and Astrophysics, 2020, 638, C5.	5.1	0
79	Spatial Structures in the Globular Cluster Distribution of Fornax Cluster Galaxies. Astrophysical Journal, 2022, 927, 15.	4.5	0