

Santi Cassisi

List of Publications by Year in descending order

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61
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citing authors

#	ARTICLE	IF	CITATIONS
1	Updated BaSTI Stellar Evolution Models and Isochrones. II. $\hat{\pm}$ -enhanced Calculations. <i>Astrophysical Journal</i> , 2021, 908, 102.	4.5	70
2	The Star Formation History of Eridanus II: On the Role of Supernova Feedback in the Quenching of Ultrafaint Dwarf Galaxies*. <i>Astrophysical Journal</i> , 2021, 909, 192.	4.5	26
3	On the Color-Metallicity Relation of the Red Clump and the Reddening toward the Magellanic Clouds. <i>Astrophysical Journal</i> , 2021, 910, 121.	4.5	8
4	UVIT study of UV bright stars in the globular cluster NGC 4147. <i>Journal of Astrophysics and Astronomy</i> , 2021, 42, 1.	1.0	4
5	Electron conduction opacities at the transition between moderate and strong degeneracy: Uncertainties and impacts on stellar models. <i>Astronomy and Astrophysics</i> , 2021, 654, A149.	5.1	11
6	Period-age-metallicity and period-age-colour-metallicity relations for classical Cepheids: an application to the <i>Gaia</i> EDR3 sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1473-1488.	4.4	12
7	Variable Stars in Local Group Galaxies. VI. The Isolated Dwarfs VV 124 and KKr 25. <i>Astrophysical Journal</i> , 2021, 920, 152.	4.5	3
8	The updated <sc>basti</sc> stellar evolution models and isochrones - III. White dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5197-5208.	4.4	26
9	Early formation and recent starburst activity in the nuclear disk of the Milky Way. <i>Nature Astronomy</i> , 2020, 4, 377-381.	10.1	75
10	Updated theoretical period-age and period-age-colour relations for Galactic Classical Cepheids: an application to the Gaia DR2 sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 5039-5051.	4.4	13
11	Multiple populations in massive star clusters under the magnifying glass of photometry: theory and tools. <i>Astronomy and Astrophysics Review</i> , 2020, 28, 1.	25.5	24
12	Photometric characterization of multiple populations in star clusters: the impact of the first dredge-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3459-3464.	4.4	14
13	The recurrent impact of the Sagittarius dwarf on the star formation history of the Milky Way. <i>Nature Astronomy</i> , 2020, 4, 965-973.	10.1	94
14	A Panchromatic View of the Bulge Globular Cluster NGC 6569*. <i>Astrophysical Journal</i> , 2019, 874, 86.	4.5	24
15	Ages of the Bulge Globular Clusters NGC 6522 and NGC 6626 (M28) from HST Proper-motion-cleaned Color-Magnitude Diagrams*. <i>Astrophysical Journal</i> , 2018, 853, 15.	4.5	45
16	The GeMS/GSAOI Galactic Globular Cluster Survey (G4CS). I. A Pilot Study of the Stellar Populations in NGC 2298 and NGC 3201. <i>Astrophysical Journal</i> , 2018, 865, 160.	4.5	13
17	The Updated BaSTI Stellar Evolution Models and Isochrones. I. Solar-scaled Calculations. <i>Astrophysical Journal</i> , 2018, 856, 125.	4.5	189
18	The ISLANDS Project. II. The Lifetime Star Formation Histories of Six Andromeda dSphs*. <i>Astrophysical Journal</i> , 2017, 837, 102.	4.5	65

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19	A Photometric Study of the Outer Halo Globular Cluster NGC 5824. <i>Astronomical Journal</i> , 2017, 154, 8.	4.7	12
20	Chemical element transport in stellar evolution models. <i>Royal Society Open Science</i> , 2017, 4, 170192.	2.4	71
21	A Universal Transition in Atmospheric Diffusion for Hot Subdwarfs Near 18,000 K ⁺ . <i>Astrophysical Journal</i> , 2017, 851, 118.	4.5	5
22	The ISLANDS Project. III. Variable Stars in Six Andromeda Dwarf Spheroidal Galaxies*. <i>Astrophysical Journal</i> , 2017, 850, 137.	4.5	28
23	On the determination of the He abundance distribution in globular clusters from the width of the main sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2341-2348.	4.4	14
24	THE ISLANDS PROJECT. I. ANDROMEDA XVI, AN EXTREMELY LOW MASS GALAXY NOT QUENCHED BY REIONIZATION*. <i>Astrophysical Journal</i> , 2016, 819, 147.	4.5	26
25	THE CARINA PROJECT. X. ON THE KINEMATICS OF OLD AND INTERMEDIATE-AGE STELLAR POPULATIONS* +. <i>Astrophysical Journal</i> , 2016, 830, 126.	4.5	21
26	THE ACS LCID PROJECT. XI. ON THE EARLY TIME RESOLUTION OF SFHs OF LOCAL GROUP DWARF GALAXIES: COMPARING THE EFFECTS OF REIONIZATION IN MODELS WITH OBSERVATIONS*. <i>Astrophysical Journal</i> , 2016, 823, 9.	4.5	10
27	LOST AND FOUND: EVIDENCE OF SECOND-GENERATION STARS ALONG THE ASYMPTOTIC GIANT BRANCH OF THE GLOBULAR CLUSTER NGC 6752 ⁺ . <i>Astrophysical Journal Letters</i> , 2016, 826, L1.	8.3	23
28	NGC 6362: THE LEAST MASSIVE GLOBULAR CLUSTER WITH CHEMICALLY DISTINCT MULTIPLE POPULATIONS*. <i>Astrophysical Journal</i> , 2016, 824, 73.	4.5	31
29	On the red giant branch mass loss in 47 Tucanae: Constraints from the horizontal branch morphology. <i>Astronomy and Astrophysics</i> , 2016, 590, A64.	5.1	37
30	THE ACS LCID PROJECT: ON THE ORIGIN OF DWARF GALAXY TYPES“ A MANIFESTATION OF THE HALO ASSEMBLY BIAS?. <i>Astrophysical Journal Letters</i> , 2015, 811, L18.	8.3	96
31	Stellar models with mixing length and $T(\tau)$ relations calibrated on 3D convection simulations. <i>Astronomy and Astrophysics</i> , 2015, 577, A60.	5.1	37
32	Post first dredge-up [C/N] ratio as age indicator. Theoretical calibration. <i>Astronomy and Astrophysics</i> , 2015, 583, A87.	5.1	55
33	COMPARING M31 AND MILKY WAY SATELLITES: THE EXTENDED STAR FORMATION HISTORIES OF ANDROMEDA II AND ANDROMEDA XVI. <i>Astrophysical Journal</i> , 2014, 789, 24.	4.5	35
34	FIRST EVIDENCE OF FULLY SPATIALLY MIXED FIRST AND SECOND GENERATIONS IN GLOBULAR CLUSTERS: THE CASE OF NGC 6362. <i>Astrophysical Journal Letters</i> , 2014, 791, L4.	8.3	66
35	Lithium and oxygen in globular cluster dwarfs and the early disc accretion scenario. <i>Astronomy and Astrophysics</i> , 2014, 566, A109.	5.1	15
36	THE ACS LCID PROJECT. X. THE STAR FORMATION HISTORY OF IC 1613: REVISITING THE OVER-COOLING PROBLEM. <i>Astrophysical Journal</i> , 2014, 786, 44.	4.5	64

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37	The main sequences of NGC 2808: constraints on the early disc accretion scenario. <i>Astronomy and Astrophysics</i> , 2014, 563, A10.	5.1	18
38	The ACS LCID Project – VIII. The short-period Cepheids of Leo A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 3047-3061.	4.4	33
39	THE ACS LCID PROJECT. IX. IMPRINTS OF THE EARLY UNIVERSE IN THE RADIAL VARIATION OF THE STAR FORMATION HISTORY OF DWARF GALAXIES. <i>Astrophysical Journal</i> , 2013, 778, 103.	4.5	59
40	THE RR LYRAE VARIABLES AND HORIZONTAL BRANCH OF NGC 6656 (M22). <i>Astronomical Journal</i> , 2013, 146, 119.	4.7	59
41	The BaSTI Stellar Evolution Database: models for extremely metal-poor and super-metal-rich stellar populations. <i>Astronomy and Astrophysics</i> , 2013, 558, A46.	5.1	60
42	THE ACS LCID PROJECT. V. THE STAR FORMATION HISTORY OF THE DWARF GALAXY LGS-3: CLUES TO COSMIC REIONIZATION AND FEEDBACK. <i>Astrophysical Journal</i> , 2011, 730, 14.	4.5	106
43	THE ACS LCID PROJECT. II. FAINT VARIABLE STARS IN THE ISOLATED DWARF IRREGULAR GALAXY IC 1613. <i>Astrophysical Journal</i> , 2010, 712, 1259-1276.	4.5	53
44	A LARGE STELLAR EVOLUTION DATABASE FOR POPULATION SYNTHESIS STUDIES. IV. INTEGRATED PROPERTIES AND SPECTRA. <i>Astrophysical Journal</i> , 2009, 690, 427-439.	4.5	78
45	A LARGE STELLAR EVOLUTION DATABASE FOR POPULATION SYNTHESIS STUDIES. V. STELLAR MODELS AND ISOCHRONES WITH CNONa ABUNDANCE ANTICORRELATIONS. <i>Astrophysical Journal</i> , 2009, 697, 275-282.	4.5	110
46	THE ACS LCID PROJECT. I. SHORT-PERIOD VARIABLES IN THE ISOLATED DWARF SPHEROIDAL GALAXIES CETUS AND TUCANA. <i>Astrophysical Journal</i> , 2009, 699, 1742-1764.	4.5	75
47	The ACS LCID Project: RR Lyrae Stars as Tracers of Old Population Gradients in the Isolated Dwarf Spheroidal Galaxy Tucana. <i>Astrophysical Journal</i> , 2008, 678, L21-L24.	4.5	45
48	A Large Stellar Evolution Database for Population Synthesis Studies. III. Inclusion of the Full Asymptotic Giant Branch Phase and Web Tools for Stellar Population Analyses. <i>Astronomical Journal</i> , 2007, 133, 468-478.	4.7	117
49	A Large Stellar Evolution Database for Population Synthesis Studies. II. Stellar Models and Isochrones for an α -enhanced Metal Distribution. <i>Astrophysical Journal</i> , 2006, 642, 797-812.	4.5	509
50	Metallicities on the Double Main Sequence of ω Centauri Imply Large Helium Enhancement. <i>Astrophysical Journal</i> , 2005, 621, 777-784.	4.5	382
51	Transforming observational data and theoretical isochrones into the ACS/WFC Vega-mag system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 357, 1038-1048.	4.4	146
52	A Large Stellar Evolution Database for Population Synthesis Studies. I. Scaled Solar Models and Isochrones. <i>Astrophysical Journal</i> , 2004, 612, 168-190.	4.5	1,084
53	Centauri: The Population Puzzle Goes Deeper. <i>Astrophysical Journal</i> , 2004, 605, L125-L128.	4.5	460
54	Color Transformations and Bolometric Corrections for Galactic Halo Stars: α -enhanced versus Scaled-Solar Results. <i>Astrophysical Journal</i> , 2004, 616, 498-505.	4.5	86

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55	The Initial Helium Content of Galactic Globular Cluster Stars from the α -Parameter: Comparison with the Cosmic Microwave Background Constraint. <i>Astrophysical Journal</i> , 2003, 588, 862-870.	4.5	132
56	Red Giant Branch Stars: The Theoretical Framework. <i>Publications of the Astronomical Society of the Pacific</i> , 2002, 114, 375-402.	3.1	155
57	The Shape of the Red Giant Branch Bump as a Diagnostic of Partial Mixing Processes in Low-Mass Stars. <i>Astrophysical Journal</i> , 2002, 565, 1231-1238.	4.5	44
58	A pulsational approach to the luminosity of horizontal branch stellar structures. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 308, 97-110.	4.4	33
59	Stellar Populations in the Dwarf Spheroidal Galaxy Leo I. <i>Astronomical Journal</i> , 1999, 117, 2199-2210.	4.7	32
60	Metal-rich RR Lyrae Variables. II. The Pulsational Scenario. <i>Astrophysical Journal</i> , 1997, 483, 811-825.	4.5	64
61	Precise distances from OGLE-IV member RR Lyrae stars in six bulge globular clusters. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	3