

Paolo Serra

List of Publications by Year in descending order

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75
papers

8,367
citations

71102

41
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79698

73
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75
all docs

75
docs citations

75
times ranked

4218
citing authors

#	ARTICLE	IF	CITATIONS
1	The ATLAS3D project - I. A volume-limited sample of 260 nearby early-type galaxies: science goals and selection criteria. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 813-836.	4.4	867
2	The ATLAS3D project - III. A census of the stellar angular momentum within the effective radius of early-type galaxies: unveiling the distribution of fast and slow rotators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 888-912.	4.4	587
3	The ATLAS3D project â€“ XV. Benchmark for early-type galaxies scaling relations from 260 dynamical models: mass-to-light ratio, dark matter, Fundamental Plane and Mass Plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1709-1741.	4.4	532
4	Systematic variation of the stellar initial mass function in early-type galaxies. <i>Nature</i> , 2012, 484, 485-488.	27.8	496
5	The ATLAS3D project â€“ XX. Massâ€“size and massâ€“lf distributions of early-type galaxies: bulge fraction drives kinematics, mass-to-light ratio, molecular gas fraction and stellar initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1862-1893.	4.4	496
6	The ATLAS3D project - II. Morphologies, kinematic features and alignment between photometric and kinematic axes of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2923-2949.	4.4	378
7	The ATLAS3D project - VII. A new look at the morphology of nearby galaxies: the kinematic morphology-density relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 1680-1696.	4.4	354
8	The ATLAS3D project - IV. The molecular gas content of early-type galaxiesâ€“.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 940-967.	4.4	334
9	The ATLAS3D project - XIII. Mass and morphology of Hâ€“fi in early-type galaxies as a function of environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1835-1862.	4.4	326
10	The ATLAS3D Project â€“ XXX. Star formation histories and stellar population scaling relations of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 3484-3513.	4.4	326
11	The ATLAS3D project â€“ XXIX. The new look of early-type galaxies and surrounding fields disclosed by extremely deep optical images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 120-143.	4.4	243
12	The ATLAS3D project - X. On the origin of the molecular and ionized gas in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 882-899.	4.4	235
13	The ATLAS3D Project â€“ XIV. The extent and kinematics of the molecular gas in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 534-555.	4.4	175
14	The ATLAS3D project - VI. Simulations of binary galaxy mergers and the link with fast rotators, slow rotators and kinematically distinct cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 1654-1679.	4.4	164
15	New lessons from the Hâ€“%i sizeâ€“mass relation of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2143-2151.	4.4	163
16	SoFIA: a flexible source finder for 3D spectral line data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1922-1929.	4.4	154
17	The ATLAS3D Project â€“ XXVIII. Dynamically driven star formation suppression in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3427-3445.	4.4	150
18	The ATLAS3D project â€“ XVII. Linking photometric and kinematic signatures of stellar discs in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1768-1795.	4.4	127

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19	The ATLAS3D project â€“ XVIII. CARMA CO imaging survey of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1796-1844.	4.4	121
20	The ATLAS 3D project â€“ XXIV. The intrinsic shape distribution of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3340-3356.	4.4	100
21	The ATLAS3D project â€“ XXII. Low-efficiency star formation in early-type galaxies: hydrodynamic models and observations. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1914-1927.	4.4	94
22	The ATLAS3D project â€“ XXVII. Cold gas and the colours and ages of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3408-3426.	4.4	92
23	The ATLAS3D project - IX. The merger origin of a fast- and a slow-rotating early-type galaxy revealed with deep optical imaging: first results. Monthly Notices of the Royal Astronomical Society, 2011, 417, 863-881.	4.4	87
24	The ATLAS3D project - VIII. Modelling the formation and evolution of fast and slow rotator early-type galaxies within Λ CDM. Monthly Notices of the Royal Astronomical Society, 2011, 417, 845-862.	4.4	87
25	Identification of old tidal dwarfs near early-type galaxies from deep imaging and H α observations. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1458-1469.	4.4	82
26	The Bluedisks project, a study of unusually H α -rich galaxies â€“ I. H α sizes and morphology. Monthly Notices of the Royal Astronomical Society, 2013, 433, 270-294.	4.4	81
27	The ATLAS3D project â€“ XXI. Correlations between gradients of local escape velocity and stellar populations in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1894-1913.	4.4	73
28	The ATLAS ^{3D} project - XI. Dense molecular gas properties of CO-luminous early-type galaxies ^{...} . Monthly Notices of the Royal Astronomical Society, 2012, 421, 1298-1314.	4.4	70
29	The ALMA Fornax Cluster Survey I: stirring and stripping of the molecular gas in cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2251-2268.	4.4	62
30	The ATLAS3D project - V. The CO Tully-Fisher relation of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 414, 968-984.	4.4	61
31	The ATLAS3D Project â€“ XXIII. Angular momentum and nuclear surface brightness profiles. Monthly Notices of the Royal Astronomical Society, 2013, 433, 2812-2839.	4.4	60
32	The ATLAS3D project â€“ XXVI. H α discs in real and simulated fast and slow rotators. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3388-3407.	4.4	58
33	GASP. XXII. The Molecular Gas Content of the JW100 Jellyfish Galaxy at $z \approx 0.05$: Does Ram Pressure Promote Molecular Gas Formation?. Astrophysical Journal, 2020, 889, 9.	4.5	58
34	Discovery of a giant H α tail in the galaxy group HCG 44. Monthly Notices of the Royal Astronomical Society, 2013, 428, 370-380.	4.4	53
35	The atlas ^{3D} Project â€“ XXXI. Nuclear radio emission in nearby early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2221-2268.	4.4	53
36	The ATLAS3D project â€“ XIX. The hot gas content of early-type galaxies: fast versus slow rotators. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1845-1861.	4.4	50

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37	Gemini GMOS and WHT SAURON integral-field spectrograph observations of the AGN-driven outflow in NGC 1266. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1574-1590.	4.4	48
38	The $H\alpha$ Tully-Fisher relation of early-type galaxies. <i>Astronomy and Astrophysics</i> , 2015, 581, A98.	5.1	48
39	The High Molecular Gas Content, and the Efficient Conversion of Neutral into Molecular Gas, in Jellyfish Galaxies. <i>Astrophysical Journal Letters</i> , 2020, 897, L30.	8.3	47
40	A COLLISIONAL ORIGIN FOR THE LEO RING. <i>Astrophysical Journal Letters</i> , 2010, 717, L143-L148.	8.3	45
41	The ATLAS project - XII. Recovery of the mass-to-light ratio of simulated early-type barred galaxies with axisymmetric dynamical models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1495-1521.	4.4	44
42	CONNECTION BETWEEN DYNAMICALLY DERIVED INITIAL MASS FUNCTION NORMALIZATION AND STELLAR POPULATION PARAMETERS. <i>Astrophysical Journal Letters</i> , 2014, 792, L37.	8.3	40
43	Highly ordered magnetic fields in the tail of the jellyfish galaxy JO206. <i>Nature Astronomy</i> , 2021, 5, 159-168.	10.1	38
44	Linear relation between $H\alpha$ circular velocity and stellar velocity dispersion in early-type galaxies, and slope of the density profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1382-1389.	4.4	35
45	Evidence for HI replenishment in massive galaxies through gas accretion from the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stw3328.	4.4	34
46	ESO 381 α 47: AN EARLY-TYPE GALAXY WITH EXTENDED HI AND A STAR-FORMING RING. <i>Astronomical Journal</i> , 2009, 137, 5037-5056.	4.7	33
47	The flickering nuclear activity of Fornax A. <i>Astronomy and Astrophysics</i> , 2020, 634, A9.	5.1	32
48	xGASS: HI Fueling of Star Formation in Disk-dominated Galaxies. <i>Astrophysical Journal</i> , 2020, 890, 63.	4.5	32
49	NGC 1266 AS A LOCAL CANDIDATE FOR RAPID CESSATION OF STAR FORMATION. <i>Astrophysical Journal</i> , 2014, 780, 186.	4.5	31
50	Gas-phase metallicity profiles of the Bluedisk galaxies: Is metallicity in a local star formation regulated equilibrium?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 210-235.	4.4	29
51	A blind ATCA HI survey of the Fornax galaxy cluster. <i>Astronomy and Astrophysics</i> , 2021, 648, A31.	5.1	29
52	The Local Volume $H\alpha$ Survey: star formation properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3029-3057.	4.4	28
53	GASP XXV: neutral hydrogen gas in the striking jellyfish galaxy JO204. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5029-5043.	4.4	28
54	ALFoCS + Fornax3D: resolved star formation in the Fornax cluster with ALMA and MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2155-2182.	4.4	26

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55	Neutral hydrogen gas within and around NGC 1316. <i>Astronomy and Astrophysics</i> , 2019, 628, A122.	5.1	24
56	Non-parametric estimation of morphological lopsidedness. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1656-1673.	4.4	23
57	A MeerKAT view of pre-processing in the Fornax A group. <i>Astronomy and Astrophysics</i> , 2021, 648, A32.	5.1	23
58	Star formation associated with neutral hydrogen in the outskirts of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 329-355.	4.4	21
59	H α in group interactions: HCG 44. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 957-967.	4.4	19
60	A spectroscopic census of the Fornax cluster and beyond: preparing for next generation surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1666-1677.	4.4	18
61	The ATLAS3D project â€“ XVI. Physical parameters and spectral line energy distributions of the molecular gas in gas-rich early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1742-1767.	4.4	17
62	Star formation in the outer regions of the early-type galaxy NGC 4203. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 103-113.	4.4	14
63	An H α view of galaxy conformity: H α -rich environment around H α -excess galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 2400-2412.	4.4	13
64	The diversity of atomic hydrogen in slow rotator early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2741-2759.	4.4	13
65	Complex distribution and velocity field of molecular gas in NGC 1316 as revealed by the Morita Array of ALMA. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	13
66	A rare example of low surface-brightness radio lobes in a gas-rich early-type galaxy: the story of NGC 3998. <i>Astronomy and Astrophysics</i> , 2016, 592, A94.	5.1	11
67	HALOGAS Observations of NGC 4559: Anomalous and Extraplanar H i and its Relation to Star Formation. <i>Astrophysical Journal</i> , 2017, 839, 118.	4.5	11
68	SPATIAL DISTRIBUTION AND KINEMATICS OF THE MOLECULAR MATERIAL ASSOCIATED WITH ETA CARINAE. <i>Astrophysical Journal</i> , 2016, 833, 48.	4.5	10
69	Blasting away a dwarf galaxy: the â€“tailâ€™ of ESO 324-G024. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 3192-3209.	4.4	8
70	Atomic hydrogen clues to the formation of counterrotating stellar discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1433-1444.	4.4	8
71	MeerKAT-16 H α observation of the dlrr galaxy WLM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4795-4813.	4.4	7
72	ALFACS \hat{A} + \hat{A} F3D \hat{A} â€“ II. Unexpectedly low gas-to-dust ratios in the Fornax galaxy cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4723-4742.	4.4	7

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73	Anomalous gas in ESO 149-G003: a MeerKAT-16 view. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2704-2723.	4.4	7
74	Gemini Follow-up of Two Massive H i Clouds Discovered with the Australian Square Kilometer Array Pathfinder. Astrophysical Journal Letters, 2018, 854, L6.	8.3	2
75	The extended H α halo of NGC 4945 as seen by MeerKAT. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	2