Felipe Andrade-Santos

List of Publications by Year
in descending order

40 papers	1,383 citations	331670 21 h-index	330143 37 g-index
40 all docs	40 docs citations	40 times ranked	1377 citing authors

#	Article	IF	Citations
1	The case for electron re-acceleration at galaxy cluster shocks. Nature Astronomy, 2017, 1, .	10.1	142
2	RELICS: Reionization Lensing Cluster Survey. Astrophysical Journal, 2019, 884, 85.	4.5	141
3	X-Ray Morphological Analysis of the Planck ESZ Clusters. Astrophysical Journal, 2017, 846, 51.	4.5	82
4	The Fraction of Cool-core Clusters in X-Ray versus SZ Samples Using Chandra Observations. Astrophysical Journal, 2017, 843, 76.	4.5	80
5	LOFAR observations of galaxy clusters in HETDEX. Astronomy and Astrophysics, 2021, 651, A115.	5.1	71
6	Deep VLA Observations of the Cluster 1RXS J0603.3+4214 in the Frequency Range of 1â€“2 GHz. Astrophysical Journal, 2018, 852, 65.	4.5	63
7	RELICS: The Reionization Lensing Cluster Survey and the Brightest High-z Galaxies. Astrophysical Journal, 2020, 889, 189.	4.5	58
8	RELICS: A Candidate zÂâˆ¼Â10 Galaxy Strongly Lensed into a Spatially Resolved Arc. Astrophysical Journal Letters, 2018, 864, L22.	8.3	57
9	RELICS: Strong Lens Models for Five Galaxy Clusters from the Reionization Lensing Cluster Survey. Astrophysical Journal, 2018, 859, 159.	4.5	55
10	A highly magnified star at redshift 6.2. Nature, 2022, 603, 815-818.	27.8	53
11	VLA Radio Observations of the HST Frontier Fields Cluster Abell 2744: The Discovery of New Radio Relics. Astrophysical Journal, 2017, 845, 81.	4.5	41
12	X-Ray Scaling Relations for a Representative Sample of Planck-selected Clusters Observed with XMM-Newton. Astrophysical Journal, 2020, 892, 102.	4.5	41
13	PROBING THE OUTSKIRTS OF THE EARLY-STAGE GALAXY CLUSTER MERGER A1750. Astrophysical Journal, 2016, 818, 131.	4.5	37
14	Merging Cluster Collaboration: A Panchromatic Atlas of Radio Relic Mergers. Astrophysical Journal, 2019, 882, 69.	4.5	37
15	Stellar Properties of zÂâ‰³Â8 Galaxies in the Reionization Lensing Cluster Survey. Astrophysical Journal, 2020, 888, 124.	4.5	31
16	Merging Cluster Collaboration: Optical and Spectroscopic Survey of a Radio-selected Sample of 29 Merging Galaxy Clusters. Astrophysical Journal, Supplement Series, 2019, 240, 39.	7.7	30
17	RELICS: Strong Lensing Analysis of MACS J0417.5â€“1154 and Predictions for Observing the Magnified High-redshift Universe with JWST. Astrophysical Journal, 2019, 873, 96.	4.5	27
18	RELICS: Strong-lensing Analysis of the Massive Clusters MACS J0308.9+2645 and PLCK G171.9â˜’40.7. Astrophysical Journal, 2018, 858, 42.	4.5	26

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19	A NEW METHOD TO QUANTIFY X-RAY SUBSTRUCTURES IN CLUSTERS OF GALAXIES. Astrophysical Journal, 2012, 746, 139.	4.5	25
20	RELICS: Strong Lensing Analysis of the Galaxy Clusters Abell S295, Abell 697, MACS J0025.4-1222, and MACS J0159.8-0849. Astrophysical Journal, 2018, 863, 145.	4.5	24
21	RELICS: A Strong Lens Model for SPT-CLJ0615â€“5746, a zÂ=Â0.972 Cluster. Astrophysical Journal, 2018, 863, 154.	4.5	23
22	DARK MATTER SUBHALOS AND THE X-RAY MORPHOLOGY OF THE COMA CLUSTER. Astrophysical Journal, 2013, 766, 107.	4.5	21
23	RELICS: Properties of z â‰¥ 5.5 Galaxies Inferred from Spitzer and Hubble Imaging, Including A Candidate z âˆ¼ 6.8 Strong [O iii] emitter. Astrophysical Journal, 2021, 910, 135.	4.5	20
24	RELICS: High-resolution Constraints on the Inner Mass Distribution of the zÂ=Â0.83 Merging Cluster RXJ0152.7-1357 from Strong Lensing. Astrophysical Journal, 2019, 874, 132.	4.5	18
25	RELICS: spectroscopy of gravitationally lensed z â‰ƒ 2 reionization-era analogues and implications for Câ€‰<scp>iii</scp>] detections at z > 6. Monthly Notices of the Royal Astronomical Society, 2020, 494, 719-735.	4.4	18
26	Brightest cluster galaxies: the centre can(not?) hold. Monthly Notices of the Royal Astronomical Society, 2020, 500, 310-318.	4.4	17
27	CHANDRAANDXMM-NEWTONOBSERVATIONS OF THE BIMODALPLANCKSZ-DETECTED CLUSTER PLCKG345.40-39.34 (A3716) WITH HIGH AND LOW ENTROPY SUBCLUSTER CORES. Astrophysical Journal, 2015, 803, 108.	4.5	15
28	BINARY BLACK HOLES, GAS SLOSHING, AND COLD FRONTS IN THE X-RAY HALO HOSTING 4C+37.11. Astrophysical Journal, 2016, 826, 91.	4.5	14
29	The Infall of the Virgo Elliptical Galaxy M60 toward M87 and the Gaseous Structures Produced by Kelvinâ€“Helmholtz Instabilities. Astrophysical Journal, 2017, 847, 79.	4.5	14
30	Probing the Hot X-Ray Gas in the Narrow-line Region of Mrk 3. Astrophysical Journal, 2017, 848, 61.	4.5	14
31	A SPECTACULAR BOW SHOCK IN THE 11 keV GALAXY CLUSTER AROUND 3C 438. Astrophysical Journal, 2017, 834, 159.	4.5	13
32	Evidence for a Merger-induced Shock Wave in ZwCl 0008.8+5215 with Chandra and Suzaku. Astrophysical Journal, 2019, 873, 64.	4.5	13
33	Chandra Observations of the Planck Early Sunyaevâ€“Zeldovich Sample: A Reexamination of Masses and Mass Proxies. Astrophysical Journal, 2021, 914, 58.	4.5	11
34	RELICS: A Very Large (Î¸_EÂˆ¼Â40â€³) Cluster Lensâ€”RXC J0032.1+1808. Astrophysical Journal, 2020, 898, 6.	4.5	10
35	Gas Sloshing in Abell 2204: Constraining the Properties of the Magnetized Intracluster Medium. Astrophysical Journal, 2017, 838, 38.	4.5	9
36	Chandra Observations of the Spectacular A3411â€“12 Merger Event. Astrophysical Journal, 2019, 887, 31.	4.5	9

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37	X-RAY-SELECTED GALAXY GROUPS IN BOÃ–TES. Astrophysical Journal, 2014, 794, 88.	4.5	8
38	Deep Chandra Observations of X-Ray Point Sources in M87. Astrophysical Journal, 2018, 862, 73.	4.5	8
39	The Double Galaxy Cluster A2465. III. X-Ray and Weak-lensing Observations^{âˆ—}. Astrophysical Journal, 2017, 844, 67.	4.5	4
40	Detection of a Star-forming Galaxy in the Center of a Low-mass Galaxy Cluster. Astrophysical Journal, 2018, 869, 105.	4.5	3