

# Felipe Andrade-Santos

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A highly magnified star at redshift 6.2. <i>Nature</i> , 2022, 603, 815-818.	27.8	53
2	RELICS: Properties of $z \approx 5.5$ Galaxies Inferred from Spitzer and Hubble Imaging, Including A Candidate $z \approx 6.8$ Strong [O iii] emitter. <i>Astrophysical Journal</i> , 2021, 910, 135.	4.5	20
3	Chandra Observations of the Planck Early Sunyaev-Zeldovich Sample: A Reexamination of Masses and Mass Proxies. <i>Astrophysical Journal</i> , 2021, 914, 58.	4.5	11
4	LOFAR observations of galaxy clusters in HETDEX. <i>Astronomy and Astrophysics</i> , 2021, 651, A115.	5.1	71
5	X-Ray Scaling Relations for a Representative Sample of Planck-selected Clusters Observed with XMM-Newton. <i>Astrophysical Journal</i> , 2020, 892, 102.	4.5	41
6	Stellar Properties of $z \approx 8$ Galaxies in the Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2020, 888, 124.	4.5	31
7	RELICS: spectroscopy of gravitationally lensed $z \approx 2$ reionization-era analogues and implications for C <sub>iii</sub> detections at $z \gtrsim 6$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 719-735.	4.4	18
8	Brightest cluster galaxies: the centre can(not?) hold. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 310-318.	4.4	17
9	RELICS: The Reionization Lensing Cluster Survey and the Brightest High- $z$ Galaxies. <i>Astrophysical Journal</i> , 2020, 889, 189.	4.5	58
10	RELICS: A Very Large ( $\hat{L}_{E} \approx 4 \times 10^3$ ) Cluster Lensing RXC J0032.1+1808. <i>Astrophysical Journal</i> , 2020, 898, 6.	4.5	10
11	Merging Cluster Collaboration: Optical and Spectroscopic Survey of a Radio-selected Sample of 29 Merging Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 39.	7.7	30
12	RELICS: Strong Lensing Analysis of MACS J0417.5-1154 and Predictions for Observing the Magnified High-redshift Universe with JWST. <i>Astrophysical Journal</i> , 2019, 873, 96.	4.5	27
13	Evidence for a Merger-induced Shock Wave in ZwCl 0008.8+5215 with Chandra and Suzaku. <i>Astrophysical Journal</i> , 2019, 873, 64.	4.5	13
14	RELICS: High-resolution Constraints on the Inner Mass Distribution of the $z \approx 0.83$ Merging Cluster RXJ0152.7-1357 from Strong Lensing. <i>Astrophysical Journal</i> , 2019, 874, 132.	4.5	18
15	RELICS: Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2019, 884, 85.	4.5	141
16	Merging Cluster Collaboration: A Panchromatic Atlas of Radio Relic Mergers. <i>Astrophysical Journal</i> , 2019, 882, 69.	4.5	37
17	Chandra Observations of the Spectacular A3411-12 Merger Event. <i>Astrophysical Journal</i> , 2019, 887, 31.	4.5	9
18	RELICS: Strong-lensing Analysis of the Massive Clusters MACS J0308.9+2645 and PLCK G171.9-40.7. <i>Astrophysical Journal</i> , 2018, 858, 42.	4.5	26

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19	Detection of a Star-forming Galaxy in the Center of a Low-mass Galaxy Cluster. <i>Astrophysical Journal</i> , 2018, 869, 105.	4.5	3
20	RELICS: Strong Lensing Analysis of the Galaxy Clusters Abell S295, Abell 697, MACS J0025.4-1222, and MACS J0159.8-0849. <i>Astrophysical Journal</i> , 2018, 863, 145.	4.5	24
21	RELICS: A Candidate $z \sim 10$ Galaxy Strongly Lensed into a Spatially Resolved Arc. <i>Astrophysical Journal Letters</i> , 2018, 864, L22.	8.3	57
22	RELICS: Strong Lens Models for Five Galaxy Clusters from the Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2018, 859, 159.	4.5	55
23	Deep Chandra Observations of X-Ray Point Sources in M87. <i>Astrophysical Journal</i> , 2018, 862, 73.	4.5	8
24	RELICS: A Strong Lens Model for SPT-CLJ0615 $\hat{=}$ 5746, a $z \hat{=} 0.972$ Cluster. <i>Astrophysical Journal</i> , 2018, 863, 154.	4.5	23
25	Deep VLA Observations of the Cluster 1RXS J0603.3+4214 in the Frequency Range of $1 \hat{=} 2$ GHz. <i>Astrophysical Journal</i> , 2018, 852, 65.	4.5	63
26	The case for electron re-acceleration at galaxy cluster shocks. <i>Nature Astronomy</i> , 2017, 1, .	10.1	142
27	A SPECTACULAR BOW SHOCK IN THE 11 keV GALAXY CLUSTER AROUND 3C 438. <i>Astrophysical Journal</i> , 2017, 834, 159.	4.5	13
28	Gas Sloshing in Abell 2204: Constraining the Properties of the Magnetized Intracluster Medium. <i>Astrophysical Journal</i> , 2017, 838, 38.	4.5	9
29	The Infall of the Virgo Elliptical Galaxy M60 toward M87 and the Gaseous Structures Produced by Kelvin $\hat{=}$ Helmholtz Instabilities. <i>Astrophysical Journal</i> , 2017, 847, 79.	4.5	14
30	Probing the Hot X-Ray Gas in the Narrow-line Region of Mrk 3. <i>Astrophysical Journal</i> , 2017, 848, 61.	4.5	14
31	The Double Galaxy Cluster A2465. III. X-Ray and Weak-lensing Observations <sup>&lt;sup&gt;<math>\hat{=}</math></sup> </sup>. <i>Astrophysical Journal</i> , 2017, 844, 67.	4.5	4
32	VLA Radio Observations of the HST Frontier Fields Cluster Abell 2744: The Discovery of New Radio Relics. <i>Astrophysical Journal</i> , 2017, 845, 81.	4.5	41
33	X-Ray Morphological Analysis of the Planck ESZ Clusters. <i>Astrophysical Journal</i> , 2017, 846, 51.	4.5	82
34	The Fraction of Cool-core Clusters in X-Ray versus SZ Samples Using Chandra Observations. <i>Astrophysical Journal</i> , 2017, 843, 76.	4.5	80
35	PROBING THE OUTSKIRTS OF THE EARLY-STAGE GALAXY CLUSTER MERGER A1750. <i>Astrophysical Journal</i> , 2016, 818, 131.	4.5	37
36	BINARY BLACK HOLES, GAS SLOSHING, AND COLD FRONTS IN THE X-RAY HALO HOSTING 4C+37.11. <i>Astrophysical Journal</i> , 2016, 826, 91.	4.5	14

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37	<i>CHANDRA</i> AND <i>XMM-NEWTON</i> OBSERVATIONS OF THE BIMODAL <i>PLANCK</i> SZ-DETECTED CLUSTER PLCKG345.40-39.34 (A3716) WITH HIGH AND LOW ENTROPY SUBCLUSTER CORES. <i>Astrophysical Journal</i> , 2015, 803, 108.	4.5	15
38	X-RAY-SELECTED GALAXY GROUPS IN BOËTES. <i>Astrophysical Journal</i> , 2014, 794, 88.	4.5	8
39	DARK MATTER SUBHALOS AND THE X-RAY MORPHOLOGY OF THE COMA CLUSTER. <i>Astrophysical Journal</i> , 2013, 766, 107.	4.5	21
40	A NEW METHOD TO QUANTIFY X-RAY SUBSTRUCTURES IN CLUSTERS OF GALAXIES. <i>Astrophysical Journal</i> , 2012, 746, 139.	4.5	25