## Alfredo Zenteno

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/696468/publications.pdf

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56 papers 7,489 citations

36 h-index 54 g-index

56 all docs

56 docs citations

56 times ranked 6715 citing authors

#	Article	IF	CITATIONS
1	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. Astrophysical Journal, 2022, 929, 115.	4.5	9
2	The Circumstellar Environments of Double-peaked, Calcium-strong Transients 2021gno and 2021inl. Astrophysical Journal, 2022, 932, 58.	4.5	15
3	Searching for a Hypervelocity White Dwarf SN Ia Companion: A Proper-motion Survey of SN 1006. Astrophysical Journal Letters, 2022, 933, L31.	8.3	7
4	The Abell 3391/95 galaxy cluster system. Astronomy and Astrophysics, 2021, 647, A2.	5.1	43
5	The DECam Local Volume Exploration Survey: Overview and First Data Release. Astrophysical Journal, Supplement Series, 2021, 256, 2.	7.7	47
6	SN2017jgh: a high-cadence complete shock cooling light curve of a SNÂIIb with the <i>Kepler</i> telescope. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3125-3138.	4.4	7
7	Variable stars in Local Group galaxies – V. The fast and early evolution of the low-mass Eridanus II dSph galaxy. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1064-1083.	4.4	11
8	Eridanus IV: an Ultra-faint Dwarf Galaxy Candidate Discovered in the DECam Local Volume Exploration Survey. Astrophysical Journal Letters, 2021, 920, L44.	8.3	24
9	Constraining radio mode feedback in galaxy clusters with the cluster radio AGNs properties to <i>z</i> \hat{i}\times\hat{A}\hat{a}^1/4 1. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1705-1723.	4.4	6
10	The Not So Simple Stellar System ï‰ Cen. II. Evidence in Support of a Merging Scenario. Astrophysical Journal, 2020, 891, 167.	4.5	8
11	A joint SZ–X-ray–optical analysis of the dynamical state of 288 massive galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2020, 495, 705-725.	4.4	24
12	Two Ultra-faint Milky Way Stellar Systems Discovered in Early Data from the DECam Local Volume Exploration Survey. Astrophysical Journal, 2020, 890, 136.	4.5	49
13	Constraints on the Physical Properties of GW190814 through Simulations Based on DECam Follow-up Observations by the Dark Energy Survey. Astrophysical Journal, 2020, 901, 83.	4.5	28
14	Cluster Cosmology Constraints from the 2500 deg <sup>2</sup> SPT-SZ Survey: Inclusion of Weak Gravitational Lensing Data from Magellan and the Hubble Space Telescope. Astrophysical Journal, 2019, 878, 55.	4.5	211
15	Overview of the DESI Legacy Imaging Surveys. Astronomical Journal, 2019, 157, 168.	4.7	825
16	Galaxy kinematics and mass calibration in massive SZE-selected galaxy clusters to <i>z &lt; <math>i</math> &gt; <math>\hat{A}</math> = <math>\hat{A}</math>1.3. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1043-1061.</i>	4.4	25
17	The Dark Energy Survey: Data Release 1. Astrophysical Journal, Supplement Series, 2018, 239, 18.	7.7	455
18	Cluster mass calibration at high redshift: HST weak lensing analysis of 13 distant galaxy clusters from the South Pole Telescope Sunyaev–Zel'dovich Survey. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2635-2678.	4.4	77

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19	Dark Energy Survey year $1$ results: Cosmological constraints from galaxy clustering and weak lensing. Physical Review D, 2018, 98, .	4.7	751
20	PanSTARRS1 Observations of the Kepler/K2 Campaign 16 and 17 Fields. Research Notes of the AAS, 2018, 2, 178.	0.7	4
21	The Not So Simple Globular Cluster ω Cen. I. Spatial Distribution of the Multiple Stellar Populations <sup>â^—</sup> . Astronomical Journal, 2017, 153, 175.	4.7	17
22	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. II. UV, Optical, and Near-infrared Light Curves and Comparison to Kilonova Models. Astrophysical Journal Letters, 2017, 848, L17.	8.3	656
23	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. I. Discovery of the Optical Counterpart Using the Dark Energy Camera. Astrophysical Journal Letters, 2017, 848, L16.	8.3	392
24	Optical–SZE scaling relations for DES optically selected clusters within the SPT-SZ Survey. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3347-3360.	4.4	17
25	COSMOLOGICAL CONSTRAINTS FROM GALAXY CLUSTERS IN THE 2500 SQUARE-DEGREE SPT-SZ SURVEY. Astrophysical Journal, 2016, 832, 95.	4.5	179
26	SPT-GMOS: A GEMINI/GMOS-SOUTH SPECTROSCOPIC SURVEY OF GALAXY CLUSTERS IN THE SPT-SZ SURVEY. Astrophysical Journal, Supplement Series, 2016, 227, 3.	7.7	36
27	STAR-FORMING BRIGHTEST CLUSTER GALAXIES AT 0.25Â<ÂzÂ<Â1.25: A TRANSITIONING FUEL SUPPLY. Astrophysical Journal, 2016, 817, 86.	4.5	70
28	Galaxy populations in the 26 most massive galaxy clusters in the South Pole Telescope SPT-SZ survey. Monthly Notices of the Royal Astronomical Society, 2016, 462, 830-843.	4.4	26
29	Baryon content of massive galaxy clusters at 0.57Â<Â <i>z</i> Â<Â1.33. Monthly Notices of the Royal Astronomical Society, 2016, 455, 258-275.	4.4	54
30	Constraints on the richness–mass relation and the optical-SZE positional offset distribution for SZE-selected clusters. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2305-2319.	4.4	87
31	MASS CALIBRATION AND COSMOLOGICAL ANALYSIS OF THE SPT-SZ GALAXY CLUSTER SAMPLE USING VELOCITY DISPERSION $ f  < ub < i > (i $	4.5	120
32	GALAXY CLUSTERS DISCOVERED VIA THE SUNYAEV-ZEL'DOVICH EFFECT IN THE 2500-SQUARE-DEGREE SPT-SZ SURVEY. Astrophysical Journal, Supplement Series, 2015, 216, 27.	7.7	464
33	X-RAY CAVITIES IN A SAMPLE OF 83 SPT-SELECTED CLUSTERS OF GALAXIES: TRACING THE EVOLUTION OF AGN FEEDBACK IN CLUSTERS OF GALAXIES OUT TO <i>z</i> = 1.2. Astrophysical Journal, 2015, 805, 35.	4.5	115
34	SPT-CL J2040–4451: AN SZ-SELECTED GALAXY CLUSTER AT <i>&gt;z</i> = 1.478 WITH SIGNIFICANT ONGOING STAR FORMATION. Astrophysical Journal, 2014, 794, 12.	4.5	42
35	OPTICAL SPECTROSCOPY AND VELOCITY DISPERSIONS OF GALAXY CLUSTERS FROM THE SPT-SZ SURVEY. Astrophysical Journal, 2014, 792, 45.	4.5	103
36	THE REDSHIFT EVOLUTION OF THE MEAN TEMPERATURE, PRESSURE, AND ENTROPY PROFILES IN 80 SPT-SELECTED GALAXY CLUSTERS. Astrophysical Journal, 2014, 794, 67.	4.5	90

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37	Weak lensing analysis of RXCÂJ2248.7â^'4431. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1455-1467.	4.4	39
38	THE GROWTH OF COOL CORES AND EVOLUTION OF COOLING PROPERTIES IN A SAMPLE OF 83 GALAXY CLUSTERS AT 0.3 < <i>z</i> < 1.2 SELECTED FROM THE SPT-SZ SURVEY. Astrophysical Journal, 2013, 774, 23.	4.5	144
39	GALAXY CLUSTERS DISCOVERED VIA THE SUNYAEV-ZEL'DOVICH EFFECT IN THE FIRST 720 SQUARE DEGREES OF THE SOUTH POLE TELESCOPE SURVEY. Astrophysical Journal, 2013, 763, 127.	4.5	240
40	SPT-CL J0205–5829: A <i>&gt;z</i> = 1.32 EVOLVED MASSIVE GALAXY CLUSTER IN THE SOUTH POLE TELESCOPE SUNYAEV-ZEL'DOVICH EFFECT SURVEY. Astrophysical Journal, 2013, 763, 93.	4.5	54
41	COSMOLOGICAL CONSTRAINTS FROM SUNYAEV–ZEL'DOVICH-SELECTED CLUSTERS WITH X-RAY OBSERVATIONS IN THE FIRST 178Âdeg⟨sup⟩2⟨ sup⟩ OF THE SOUTH POLE TELESCOPE SURVEY. Astrophysical Journal, 2013, 763, 147.	4.5	206
42	THE BLANCO COSMOLOGY SURVEY: DATA ACQUISITION, PROCESSING, CALIBRATION, QUALITY DIAGNOSTICS, AND DATA RELEASE. Astrophysical Journal, 2012, 757, 83.	4.5	192
43	HIGH-REDSHIFT COOL-CORE GALAXY CLUSTERS DETECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT IN THE SOUTH POLE TELESCOPE SURVEY. Astrophysical Journal, 2012, 761, 183.	4.5	29
44	The XMM-BCS galaxy cluster survey. Astronomy and Astrophysics, 2012, 537, A39.	5.1	41
45	A massive, cooling-flow-induced starburst in the core of a luminous cluster of galaxies. Nature, 2012, 488, 349-352.	27.8	154
46	REDSHIFTS, SAMPLE PURITY, AND BCG POSITIONS FOR THE GALAXY CLUSTER CATALOG FROM THE FIRST 720 SQUARE DEGREES OF THE SOUTH POLE TELESCOPE SURVEY. Astrophysical Journal, 2012, 761, 22.	4.5	89
47	WEAK-LENSING MASS MEASUREMENTS OF FIVE GALAXY CLUSTERS IN THE SOUTH POLE TELESCOPE SURVEY USING MAGELLAN/MEGACAM. Astrophysical Journal, 2012, 758, 68.	4.5	42
48	A MULTIBAND STUDY OF THE GALAXY POPULATIONS OF THE FIRST FOUR SUNYAEV-ZEL'DOVICH EFFECT SELECTED GALAXY CLUSTERS. Astrophysical Journal, 2011, 734, 3.	4.5	32
49	SOUTH POLE TELESCOPE DETECTIONS OF THE PREVIOUSLY UNCONFIRMED <i>PLANCK</i> SUNYAEV-ZEL'DOVICH CLUSTERS IN THE SOUTHERN HEMISPHERE. Astrophysical Journal Letters, 2011, 735, L36.	8.3	28
50	A SUNYAEV-ZEL'DOVICH-SELECTED SAMPLE OF THE MOST MASSIVE GALAXY CLUSTERS IN THE 2500 deg <sup>2</sup> SOUTH POLE TELESCOPE SURVEY. Astrophysical Journal, 2011, 738, 139.	4.5	213
51	OPTICAL REDSHIFT AND RICHNESS ESTIMATES FOR GALAXY CLUSTERS SELECTED WITH THE SUNYAEV-Zel'dovich EFFECT FROM 2008 SOUTH POLE TELESCOPE OBSERVATIONS. Astrophysical Journal, 2010, 723, 1736-1747.	4.5	59
52	GALAXY CLUSTERS SELECTED WITH THE SUNYAEV-ZEL'DOVICH EFFECT FROM 2008 SOUTH POLE TELESCOPE OBSERVATIONS. Astrophysical Journal, 2010, 722, 1180-1196.	4.5	285
53	GALAXY CLUSTERS DISCOVERED WITH A SUNYAEV-ZEL'DOVICH EFFECT SURVEY. Astrophysical Journal, 2009, 701, 32-41.	4.5	228
54	SPT-SZ: a Sunyaev-ZePdovich survey for galaxy clusters. , 2009, , .		1

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#		Article	IF	CITATIONS
58	5	The ESSENCE Supernova Survey: Survey Optimization, Observations, and Supernova Photometry. Astrophysical Journal, 2007, 666, 674-693.	4.5	289
56	6	Galaxy Populations in Massive Galaxy Clusters to $z$ = 1.1: Color Distribution, Concentration, Halo Occupation Number and Red Sequence Fraction. Monthly Notices of the Royal Astronomical Society, 0, , stx175.	4.4	30