

Eleazar R Carrasco

List of Publications by Year in descending order

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52
papers

1,112
citations

430754

18
h-index

395590

33
g-index

52
all docs

52
docs citations

52
times ranked

1914
citing authors

#	ARTICLE	IF	CITATIONS
1	A luminous X-ray outburst from an intermediate-mass black hole in an off-centre star cluster. <i>Nature Astronomy</i> , 2018, 2, 656-661.	4.2	96
2	Gemini multiconjugate adaptive optics system review – II. Commissioning, operation and overall performance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1002-1019.	1.6	89
3	A distance of 13 Mpc resolves the claimed anomalies of the galaxy lacking dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1192-1219.	1.6	88
4	The Shapley Supercluster. III. Collapse Dynamics and Mass of the Central Concentration. <i>Astronomical Journal</i> , 2000, 120, 523-532.	1.9	66
5	A likely decade-long sustained tidal disruption event. <i>Nature Astronomy</i> , 2017, 1, .	4.2	63
6	The Shapley Supercluster. II. Spectroscopic Observations in a Wide Area and General Morphology. <i>Astronomical Journal</i> , 2000, 120, 511-522.	1.9	62
7	Structure and dynamics of the Shapley Supercluster. <i>Astronomy and Astrophysics</i> , 2006, 447, 133-144.	2.1	59
8	EARLY-TYPE GALAXIES AT $z \approx 1.3$. I. THE LYNX SUPERCLUSTER: CLUSTER AND GROUPS AT $z \approx 1.3$. MORPHOLOGY AND COLOR-MAGNITUDE RELATION. <i>Astrophysical Journal</i> , 2012, 754, 141.	1.6	52
9	DISCOVERY OF AN ULTRASOFT X-RAY TRANSIENT SOURCE IN THE 2XMM CATALOG: A TIDAL DISRUPTION EVENT CANDIDATE. <i>Astrophysical Journal</i> , 2011, 738, 52.	1.6	48
10	Astrometric performance of the Gemini multiconjugate adaptive optics system in crowded fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 500-514.	1.6	42
11	ON THE COMPACT H II GALAXY UM 408 AS SEEN BY GMOS-IFU: PHYSICAL CONDITIONS. <i>Astronomical Journal</i> , 2009, 137, 5068-5079.	1.9	33
12	ULTRA-DEEP SUB-KILOPARSEC VIEW OF NEARBY MASSIVE COMPACT GALAXIES. <i>Astrophysical Journal</i> , 2012, 751, 45.	1.6	31
13	STRONG GRAVITATIONAL LENSING BY THE SUPER-MASSIVE cD GALAXY IN ABELL 3827. <i>Astrophysical Journal Letters</i> , 2010, 715, L160-L164.	3.0	28
14	Gemini K-band NIRI Adaptive Optics Observations of massive galaxies at $1 < z < 2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	1.6	25
15	The Dwarf Galaxy Population in Nearby Groups: The Data. <i>Astronomical Journal</i> , 2006, 132, 1796-1817.	1.9	23
16	GMOS-IFU spectroscopy of the compact H II galaxies Tol 0104 α 388 and Tol 2146 α 391: the dependence on the properties of the interstellar medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 740-754.	1.6	21
17	Results from the commissioning of the Gemini South Adaptive Optics Imager (GSAOI) at Gemini South Observatory. <i>Proceedings of SPIE</i> , 2012, , .	0.8	20
18	STAR CLUSTER COMPLEXES AND THE HOST GALAXY IN THREE H II GALAXIES: Mrk 36, UM 408, AND UM 461. <i>Astronomical Journal</i> , 2011, 142, 162.	1.9	18

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19	DISCOVERY OF THE CANDIDATE OFF-NUCLEAR ULTRASOFT HYPER-LUMINOUS X-RAY SOURCE 3XMM J141711.1+522541. <i>Astrophysical Journal</i> , 2016, 821, 25.	1.6	18
20	The Proper Motion of Pyxis: The First Use of Adaptive Optics in Tandem with HST on a Faint Halo Object. <i>Astrophysical Journal</i> , 2017, 840, 30.	1.6	18
21	GEMINI FRONTIER FIELDS: WIDE-FIELD ADAPTIVE OPTICS K_s -BAND IMAGING OF THE GALAXY CLUSTERS MACS J0416.1-2403 AND ABELL 2744. <i>Astrophysical Journal, Supplement Series</i> , 2015, 217, 33.	3.0	16
22	The Dwarf Galaxy Population of the Dorado Group Down to $M_V = -11$. <i>Astronomical Journal</i> , 2001, 121, 148-168.	1.9	15
23	The stellar mass-size relation for cluster galaxies at $z = 1$ with high angular resolution from the Gemini/GeMS multiconjugate adaptive optics system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2910-2929.	1.6	15
24	The Compact Group-Fossil Group Connection: Observations of a Massive Compact Group at $z = 0.22$. <i>Astrophysical Journal</i> , 2007, 670, L93-L96.	1.6	13
25	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.	1.6	13
26	Spectroscopic quantification of projection effects in the SDSS redMaPPer galaxy cluster catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 33-44.	1.6	12
27	Witnessing the Formation of a Galaxy Cluster at $z = 0.485$: Optical and X-ray Properties of RX J1117.4+0743 ([VMF 98] 097). <i>Astrophysical Journal</i> , 2007, 664, 777-790.	1.6	12
28	NGC 6845: metallicity gradients and star formation in a complex compact group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 2809-2824.	1.6	11
29	THE CHESHIRE CAT GRAVITATIONAL LENS: THE FORMATION OF A MASSIVE FOSSIL GROUP. <i>Astrophysical Journal</i> , 2015, 806, 268.	1.6	10
30	REVISITING THE FOSSIL GROUP CANDIDATES UGC 842 AND NGC 6034. <i>Astronomical Journal</i> , 2010, 139, 216-227.	1.9	9
31	Low X-ray luminosity galaxy clusters II. Optical properties and morphological content at $0.18 < z < 0.70$ <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 2607-2620.	1.6	9
32	A Gemini/GMOS study of the physical conditions and kinematics of the blue compact dwarf galaxy Mrk 996. <i>Astronomy and Astrophysics</i> , 2014, 561, A64.	2.1	9
33	Science readiness of the Gemini MCAO System: GeMS. , 2012, , .		8
34	Multiwavelength follow-up observations of the tidal disruption event candidate 2XMMi J184725.1+631724. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3000-3008.	1.6	8
35	Follow-up Observations of the Prolonged, Super-Eddington, Tidal Disruption Event Candidate 3XMM J150052.0+015452: the Slow Decline Continues. <i>Astrophysical Journal Letters</i> , 2022, 924, L35.	3.0	8
36	Using Strong Gravitational Lensing to Identify Fossil Group Progenitors. <i>Astrophysical Journal</i> , 2018, 856, 131.	1.6	7

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37	Haffner 16: A Young Moving Group in the Making 1. Publications of the Astronomical Society of the Pacific, 2013, 125, 1181-1190.	1.0	6
38	Probing the nature of the pre-merging system Hickson Compact Group 31 through integral field unit data. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1355-1370.	1.6	6
39	WITNESSING GAS MIXING IN THE METAL DISTRIBUTION OF THE HICKSON COMPACT GROUP HCG 31. Astrophysical Journal Letters, 2015, 798, L24.	3.0	5
40	Dynamical analysis of the cluster pair: A3407 + A3408. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2193-2206.	1.6	5
41	First performance of the GeMS + GMOS system " 1. Imaging. Monthly Notices of the Royal Astronomical Society, 2016, 461, 507-518.	1.6	4
42	Millimagitude Photometry for Transiting Extrasolar Planetary Candidates. IV. Solution to the Puzzle of the Extremely Red OGLE-TR-82 Primary. Astrophysical Journal, 2007, 669, 1345-1353.	1.6	3
43	GeMS/GSAOI observations of La Serena 94: an old and far open cluster inside the solar circle. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2126-2139.	1.6	3
44	Multi-conjugated adaptive optics imaging of distant galaxies " a comparison of Gemini/GSAOI and VLT/HAWK-I data. Monthly Notices of the Royal Astronomical Society, 2017, 472, 217-223.	1.6	1
45	Star formation in low density HI gas around the elliptical galaxy NGC 2865. Astronomy and Astrophysics, 2017, 606, A77.	2.1	1
46	Dissecting the Strong-lensing Galaxy Cluster MS 0440.5+0204. I. The Mass Density Profile. Astrophysical Journal, 2020, 897, 4.	1.6	1
47	The environment of QSO triplets at $1 \lesssim z \lesssim 1.5$. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1507-1525.	1.6	1
48	A redshift database towards the Shapley supercluster region. Astronomy and Astrophysics, 2020, 638, A27.	2.1	1
49	Super star clusters in Hii galaxies. Proceedings of the International Astronomical Union, 2009, 5, 447-450.	0.0	0
50	A 3D analysis of the metal distribution in the compact group of galaxies HCG 31. Proceedings of the International Astronomical Union, 2014, 10, 363-363.	0.0	0
51	LOW X-RAY LUMINOSITY GALAXY CLUSTERS: MAIN GOALS, SAMPLE SELECTION, PHOTOMETRIC AND SPECTROSCOPIC OBSERVATIONS. Astronomical Journal, 2016, 151, 151.	1.9	0
52	Dissecting the Strong-lensing Galaxy Cluster MS 0440.5+0204. II. New Optical Spectroscopic Observations in a Wider Area and Cluster Dynamical State. Astrophysical Journal, 2021, 918, 61.	1.6	0