

Narciso Benitez

List of Publications by Year in descending order

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176
papers

12,607
citations

26630

56
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25787

108
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177
all docs

177
docs citations

177
times ranked

5960
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian Photometric Redshift Estimation. <i>Astrophysical Journal</i> , 2000, 536, 571-583.	4.5	951
2	The Photometric Performance and Calibration of the Hubble Space Telescope Advanced Camera for Surveys. <i>Publications of the Astronomical Society of the Pacific</i> , 2005, 117, 1049-1112.	3.1	910
3	THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE: AN OVERVIEW. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 25.	7.7	659
4	Galaxies in the Hubble Ultra Deep Field. I. Detection, Multiband Photometry, Photometric Redshifts, and Morphology. <i>Astronomical Journal</i> , 2006, 132, 926-959.	4.7	377
5	The Morphology-Density Relation in $z \sim 1$ Clusters. <i>Astrophysical Journal</i> , 2005, 623, 721-741.	4.5	328
6	CLASH: THREE STRONGLY LENSED IMAGES OF A CANDIDATE $z \sim 11$ GALAXY. <i>Astrophysical Journal</i> , 2013, 762, 32.	4.5	301
7	Strong Lensing Analysis of A1689 from Deep Advanced Camera Images. <i>Astrophysical Journal</i> , 2005, 621, 53-88.	4.5	287
8	A magnified young galaxy from about 500 million years after the Big Bang. <i>Nature</i> , 2012, 489, 406-408.	27.8	273
9	CFHTLenS: improving the quality of photometric redshifts with precision photometry.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 2355-2367.	4.4	248
10	CLASH: WEAK-LENSING SHEAR-AND-MAGNIFICATION ANALYSIS OF 20 GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 795, 163.	4.5	233
11	EVIDENCE FOR UBIQUITOUS HIGH-EQUIVALENT-WIDTH NEBULAR EMISSION IN $z \sim 7$ GALAXIES: TOWARD A CLEAN MEASUREMENT OF THE SPECIFIC STAR-FORMATION RATE USING A SAMPLE OF BRIGHT, MAGNIFIED GALAXIES. <i>Astrophysical Journal</i> , 2014, 784, 58.	4.5	232
12	Creation of cosmic structure in the complex galaxy cluster merger Abell 2744. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 333-347.	4.4	212
13	Advanced Camera for Surveys Photometry of the Cluster RDCS 1252.9-2927: The Color-Magnitude Relation at $z = 1.24$. <i>Astrophysical Journal</i> , 2003, 596, L143-L146.	4.5	195
14	PHAT: PHoto- z Accuracy Testing. <i>Astronomy and Astrophysics</i> , 2010, 523, A31.	5.1	194
15	Faint Galaxies in Deep Advanced Camera for Surveys Observations. <i>Astrophysical Journal, Supplement Series</i> , 2004, 150, 1-18.	7.7	189
16	The Application of Photometric Redshifts to the SDSS Early Data Release. <i>Astronomical Journal</i> , 2003, 125, 580-592.	4.7	178
17	Hubble Space Telescope ACS Multiband Coronagraphic Imaging of the Debris Disk around $\hat{1}^2$ Pictoris. <i>Astronomical Journal</i> , 2006, 131, 3109-3130.	4.7	171
18	CLASH: THE CONCENTRATION-MASS RELATION OF GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2015, 806, 4.	4.5	170

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19	New multiply-lensed galaxies identified in ACS/NIC3 observations of Cl0024+1654 using an improved mass model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1985-2002.	4.4	162
20	A CENSUS OF STAR-FORMING GALAXIES IN THE $z \approx 9-10$ UNIVERSE BASED ON HST+SPITZER OBSERVATIONS OVER 19 CLASH CLUSTERS: THREE CANDIDATE $z \approx 9-10$ GALAXIES AND IMPROVED CONSTRAINTS ON THE STAR FORMATION RATE DENSITY AT $z \approx 9.2$. <i>Astrophysical Journal</i> , 2014, 795, 126.	4.5	159
21	Hubble Space Telescope ACS Coronagraphic Imaging of the Circumstellar Disk around HD 141569A. <i>Astronomical Journal</i> , 2003, 126, 385-392.	4.7	150
22	CLASH-VLT: The mass, velocity-anisotropy, and pseudo-phase-space density profiles of the $z = 0.44$ galaxy cluster MACS J1206.2-0847. <i>Astronomy and Astrophysics</i> , 2013, 558, A1.	5.1	145
23	Discovery of a Ringlike Dark Matter Structure in the Core of the Galaxy Cluster Cl 0024+17. <i>Astrophysical Journal</i> , 2007, 661, 728-749.	4.5	138
24	TYPE-Ia SUPERNOVA RATES TO REDSHIFT 2.4 FROM CLASH: THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE. <i>Astrophysical Journal</i> , 2014, 783, 28.	4.5	132
25	MEASURING BARYON ACOUSTIC OSCILLATIONS ALONG THE LINE OF SIGHT WITH PHOTOMETRIC REDSHIFTS: THE PAU SURVEY. <i>Astrophysical Journal</i> , 2009, 691, 241-260.	4.5	129
26	THE ALHAMBRA SURVEY: A LARGE AREA MULTIMEDIUM-BAND OPTICAL AND NEAR-INFRARED PHOTOMETRIC SURVEY. <i>Astronomical Journal</i> , 2008, 136, 1325-1339.	4.7	117
27	Hubble Space Telescope Advanced Camera for Surveys Coronagraphic Imaging of the AU Microscopii Debris Disk. <i>Astronomical Journal</i> , 2005, 129, 1008-1017.	4.7	116
28	THE MUSIC OF CLASH: PREDICTIONS ON THE CONCENTRATION-MASS RELATION. <i>Astrophysical Journal</i> , 2014, 797, 34.	4.5	115
29	CLASH: PRECISE NEW CONSTRAINTS ON THE MASS PROFILE OF THE GALAXY CLUSTER A2261. <i>Astrophysical Journal</i> , 2012, 757, 22.	4.5	112
30	Discovery of a Very Bright Strongly Lensed Galaxy Candidate at $z \approx 7.61$. <i>Astrophysical Journal</i> , 2008, 678, 647-654.	4.5	111
31	Spectral Evidence for Widespread Galaxy Outflows at $z \approx 7.61$. <i>Astrophysical Journal</i> , 2008, 678, 647-654.	4.5	107
32	A large population of Lyman-break galaxies in a protocluster at redshift $z \approx 4.1$. <i>Nature</i> , 2004, 427, 47-50.	27.8	106
33	CLASH-X: A COMPARISON OF LENSING AND X-RAY TECHNIQUES FOR MEASURING THE MASS PROFILES OF GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 794, 136.	4.5	105
34	Lyman Break Galaxies, Ly α Emitters, and a Radio Galaxy in a Protocluster at $z = 4.1$. <i>Astrophysical Journal</i> , 2008, 673, 143-162.	4.5	103
35	CLASH: MASS DISTRIBUTION IN AND AROUND MACS J1206.2-0847 FROM A FULL CLUSTER LENSING ANALYSIS. <i>Astrophysical Journal</i> , 2012, 755, 56.	4.5	101
36	Photometric Redshifts for Galaxies in the GOODS Southern Field. <i>Astrophysical Journal</i> , 2004, 600, L167-L170.	4.5	98

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37	CLASH: A CENSUS OF MAGNIFIED STAR-FORMING GALAXIES AT $z \sim 6-8$. <i>Astrophysical Journal</i> , 2014, 792, 76.	4.5	98
38	Star Formation at $z \sim 6$: Dropouts in the Advanced Camera for Surveys Guaranteed Time Observation Fields. <i>Astrophysical Journal</i> , 2003, 595, 589-602.	4.5	91
39	Weak Lensing Analysis of the $z \sim 0.8$ Cluster CL 0152 $\hat{~}$ 1357 with the Advanced Camera for Surveys. <i>Astrophysical Journal</i> , 2005, 618, 46-67.	4.5	88
40	Photometric Redshifts of Quasars. <i>Astronomical Journal</i> , 2001, 122, 1151-1162.	4.7	85
41	Evidence for Nearby Supernova Explosions. <i>Physical Review Letters</i> , 2002, 88, 081101.	7.8	80
42	CLASH: COMPLETE LENSING ANALYSIS OF THE LARGEST COSMIC LENS MACS J0717.5+3745 AND SURROUNDING STRUCTURES. <i>Astrophysical Journal</i> , 2013, 777, 43.	4.5	79
43	Gravitational Lens Magnification and the Mass of Abell 1689. <i>Astrophysical Journal</i> , 1998, 501, 539-553.	4.5	78
44	A HIGH-RESOLUTION MASS MAP OF GALAXY CLUSTER SUBSTRUCTURE: LensPerfect ANALYSIS OF A1689. <i>Astrophysical Journal</i> , 2010, 723, 1678-1702.	4.5	76
45	The ALHAMBRA Survey: Bayesian photometric redshifts with 23 bands for $3\hat{~}$ deg ² . <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2891-2922.	4.4	73
46	Clustering of Star-forming Galaxies Near a Radio Galaxy at $z \sim 5.2$. <i>Astrophysical Journal</i> , 2006, 637, 58-74.	4.5	72
47	A VLT spectroscopic survey of RXJ0152.7-1357, a forming cluster of galaxies at $z = 0.837$. <i>Astronomy and Astrophysics</i> , 2005, 432, 381-394.	5.1	72
48	Evolution of the Color-Magnitude Relation in High-Redshift Clusters: Blue Early-Type Galaxies and Red Pairs in RDCS J0910+5422. <i>Astrophysical Journal</i> , 2006, 639, 81-94.	4.5	69
49	An Overdensity of Galaxies near the Most Distant Radio Cloud Quasar. <i>Astrophysical Journal</i> , 2006, 640, 574-578.	4.5	67
50	Non-parametric mass reconstruction of A1689 from strong lensing data with the Strong Lensing Analysis Package. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 1247-1258.	4.4	63
51	THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE (CLASH): STRONG-LENSING ANALYSIS OF A383 FROM 16-BAND HST/WFC3/ACS IMAGING. <i>Astrophysical Journal</i> , 2011, 742, 117.	4.5	63
52	Intracluster light properties in the CLASH-VLT cluster MACS J1206.2-0847. <i>Astronomy and Astrophysics</i> , 2014, 565, A126.	5.1	63
53	OPTIMAL FILTER SYSTEMS FOR PHOTOMETRIC REDSHIFT ESTIMATION. <i>Astrophysical Journal</i> , 2009, 692, L5-L8.	4.5	62
54	Using Weak Lensing Dilution to Improve Measurements of the Luminous and Dark Matter in A1689. <i>Astrophysical Journal</i> , 2007, 663, 717-733.	4.5	62

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55	Strong-lensing analysis of a complete sample of 12 MACS clusters at $z > 0.5$: mass models and Einstein radii. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	61
56	CLASH: NEW MULTIPLE IMAGES CONSTRAINING THE INNER MASS PROFILE OF MACS J1206.2+0847. Astrophysical Journal, 2012, 749, 97.	4.5	58
57	Photometric Redshifts from Reconstructed Quasar Templates. Astronomical Journal, 2001, 122, 1163-1171.	4.7	57
58	The Magnification of SN 1997[CLC]ff[/CLC], the Farthest Known Supernova. Astrophysical Journal, 2002, 577, L1-L4.	4.5	54
59	A blind test of photometric redshifts on ground-based data. Astronomy and Astrophysics, 2008, 480, 703-714.	5.1	54
60	The miniJPAS survey: A preview of the Universe in 56 colors. Astronomy and Astrophysics, 2021, 653, A31.	5.1	54
61	Advanced Camera for Surveys Observations of Young Star Clusters in the Interacting Galaxy UGC 10214. Astrophysical Journal, 2003, 585, 750-755.	4.5	53
62	VLT and ACS Observations of RDCS J1252.9+2927: Dynamical Structure and Galaxy Populations in a Massive Cluster at $z = 1.237$. Astrophysical Journal, 2007, 663, 164-182.	4.5	53
63	Discovery of Two Distant Type Ia Supernovae in the Hubble Deep Field+North with the Advanced Camera for Surveys. Astrophysical Journal, 2003, 589, 693-703.	4.5	52
64	GRB 060121: Implications of a Short-/Intermediate-Duration γ -Ray Burst at High Redshift. Astrophysical Journal, 2006, 648, L83-L87.	4.5	50
65	LensPerfect: Gravitational Lens Mass Map Reconstructions Yielding Exact Reproduction of All Multiple Images. Astrophysical Journal, 2008, 681, 814-830.	4.5	49
66	Detailed cluster mass and light profiles of A1703, A370 and RXJ1347+11 from deep Subaru imaging. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	49
67	CLASH: $z \approx 6$ young galaxy candidate quintuply lensed by the frontier field cluster RXC J2248.7+4431. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1417-1434.	4.4	49
68	BRIGHT STRONGLY LENSED GALAXIES AT REDSHIFT $z \approx 6-7$ BEHIND THE CLUSTERS ABELL 1703 AND CLO024+16. Astrophysical Journal, 2009, 697, 1907-1917.	4.5	48
69	CLASH-VLT: spectroscopic confirmation of a $z = 6.11$ quintuply lensed galaxy in the Frontier Fields cluster RXC J2248.7-4431. Astronomy and Astrophysics, 2013, 559, L9.	5.1	46
70	Internal Color Properties of Resolved Spheroids in the DeepHubble Space TelescopeAdvanced Camera for Surveys Field of UGC 10214. Astrophysical Journal, 2004, 612, 202-214.	4.5	45
71	THREE GRAVITATIONALLY LENSED SUPERNOVAE BEHIND CLASH GALAXY CLUSTERS. Astrophysical Journal, 2014, 786, 9.	4.5	45
72	Ultracompact Dwarf Galaxies in Abell 1689: A Photometric Study with the Advanced Camera for Surveys. Astronomical Journal, 2004, 128, 1529-1540.	4.7	44

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73	Feedback and Brightest Cluster Galaxy Formation: ACS Observations of the Radio Galaxy TN J1338 \hat{a} 1942 at $z = 4.1$. <i>Astrophysical Journal</i> , 2005, 630, 68-81.	4.5	44
74	The Projected Dark and Baryonic Ellipsoidal Structure of 20 CLASH Galaxy Clusters*. <i>Astrophysical Journal</i> , 2018, 860, 104.	4.5	44
75	The Transformation of Cluster Galaxies at Intermediate Redshift. <i>Astrophysical Journal</i> , 2005, 621, 651-662.	4.5	43
76	Full lensing analysis of Abell 1703: comparison of independent lens-modelling techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 1916-1927.	4.4	43
77	CLASH: DISCOVERY OF A BRIGHT $z \sim 6.2$ DWARF GALAXY QUADRUPLY LENSED BY MACS J0329.6-0211. <i>Astrophysical Journal Letters</i> , 2012, 747, L9.	8.3	42
78	Detection of Evolved High-Redshift Galaxies in Deep NICMOS/VLT Images. <i>Astrophysical Journal</i> , 1999, 515, L65-L68.	4.5	41
79	The Morphological Demographics of Galaxies in the Advanced Camera for Surveys Hubble Ultra Deep Parallel Fields. <i>Astronomical Journal</i> , 2006, 131, 208-215.	4.7	41
80	Unveiling the Dynamical State of Massive Clusters through the ICL Fraction. <i>Astrophysical Journal</i> , 2018, 857, 79.	4.5	41
81	Discovery of two M32 twins in Abell 1689. <i>Astronomy and Astrophysics</i> , 2005, 430, L25-L28.	5.1	40
82	NEAR-INFRARED GALAXY COUNTS AND EVOLUTION FROM THE WIDE-FIELD ALHAMBRA SURVEY. <i>Astrophysical Journal</i> , 2009, 696, 1554-1575.	4.5	40
83	A free-form lensing grid solution for A1689 with new multiple images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 683-704.	4.4	40
84	Luminosity Functions of the Galaxy Cluster MS 1054 \hat{a} 0321 at $z = 0.83$ based on ACS Photometry. <i>Astrophysical Journal</i> , 2005, 621, 188-200.	4.5	39
85	THROUGH THE LOOKING GLASS: BRIGHT, HIGHLY MAGNIFIED GALAXY CANDIDATES AT $z \sim 7$ BEHIND A1703. <i>Astrophysical Journal</i> , 2012, 747, 3.	4.5	39
86	The universal Einstein radius distribution from 10 \hat{a} 000 SDSS clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 2308-2324.	4.4	39
87	CLASH: accurate photometric redshifts with 14 HST bands in massive galaxy cluster cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 95-113.	4.4	39
88	The Luminosity Function of Early-Type Field Galaxies at $z \sim 0.75$. <i>Astronomical Journal</i> , 2004, 128, 1990-2012.	4.7	38
89	Hubble Space Telescope ACS Weak Lensing Analysis of the Galaxy Cluster RDCS 1252.9 \hat{a} 2927 at $z = 1.24$. <i>Astrophysical Journal</i> , 2005, 623, 42-56.	4.5	38
90	THE ALHAMBRA PHOTOMETRIC SYSTEM. <i>Astronomical Journal</i> , 2010, 139, 1242-1253.	4.7	38

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91	CLASH: Photometric redshifts with 16 HST bands in galaxy cluster fields. <i>Astronomy and Astrophysics</i> , 2014, 562, A86.	5.1	37
92	The ALHAMBRA survey: accurate merger fractions derived by PDF analysis of photometrically close pairs. <i>Astronomy and Astrophysics</i> , 2015, 576, A53.	5.1	35
93	Evolution in the Cluster Early-Type Galaxy Size-Surface Brightness Relation at $z \leq 1$. <i>Astrophysical Journal</i> , 2005, 626, 809-822.	4.5	34
94	A Dynamical Simulation of the Debris Disk around HD 141569A. <i>Astrophysical Journal</i> , 2005, 627, 986-1000.	4.5	34
95	THE CONTRIBUTION OF HALOS WITH DIFFERENT MASS RATIOS TO THE OVERALL GROWTH OF CLUSTER-SIZED HALOS. <i>Astrophysical Journal</i> , 2013, 776, 91.	4.5	33
96	Mass Modeling of Abell 1689 Advanced Camera for Surveys Observations with a Perturbed Navarro-Frenk-White Model. <i>Astrophysical Journal</i> , 2006, 640, 639-661.	4.5	31
97	J-PLUS: Analysis of the intracluster light in the Coma cluster. <i>Astronomy and Astrophysics</i> , 2019, 622, A183.	5.1	31
98	Stellar populations of galaxies in the ALHAMBRA survey up to $z < 1$. <i>Astronomy and Astrophysics</i> , 2015, 582, A14.	5.1	30
99	Strong-lensing analysis of MS 1358.4+6245: New multiple images and implications for the well-resolved $z = 4.92$ galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 1753-1763.	4.4	29
100	Photometry and Spectroscopy of the GRB 970508 Optical Counterpart. <i>Science</i> , 1998, 279, 1011-1014.	12.6	28
101	A weak lensing detection of the cosmological distance-redshift relation behind three massive clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 1840-1850.	4.4	27
102	A NEW TOOL FOR IMAGE ANALYSIS BASED ON CHEBYSHEV RATIONAL FUNCTIONS: CHEF FUNCTIONS. <i>Astrophysical Journal</i> , 2012, 745, 150.	4.5	26
103	The ALHAMBRA survey: reliable morphological catalogue of 22,051 early- and late-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 3444-3461.	4.4	26
104	JPCAM: A 1.2 GPIXEL CAMERA FOR THE J-PAS SURVEY. <i>Journal of Astronomical Instrumentation</i> , 2014, 03, .	1.5	26
105	The miniJPAS survey: star-galaxy classification using machine learning. <i>Astronomy and Astrophysics</i> , 2021, 645, A87.	5.1	26
106	Quasar-galaxy associations revisited. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 320, 241-248.	4.4	25
107	Bayesian cluster finder: clusters in the CFHTLS Archive Research Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 1167-1182.	4.4	24
108	GALAXY HALO TRUNCATION AND GIANT ARC SURFACE BRIGHTNESS RECONSTRUCTION IN THE CLUSTER MACSJ1206.2-0847. <i>Astrophysical Journal</i> , 2013, 774, 124.	4.5	24

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109	Coronagraphic Imaging of 3C 273 with the Advanced Camera for Surveys. <i>Astronomical Journal</i> , 2003, 125, 2964-2974.	4.7	23
110	The ALHAMBRA survey: evolution of galaxy clustering since $z \approx 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 1783-1801.	4.4	23
111	CLASH-VLT: CONSTRAINTS ON THE DARK MATTER EQUATION OF STATE FROM ACCURATE MEASUREMENTS OF GALAXY CLUSTER MASS PROFILES. <i>Astrophysical Journal Letters</i> , 2014, 783, L11.	8.3	23
112	Design of the J-PAS and J-PLUS filter systems. <i>Proceedings of SPIE</i> , 2012, , .	0.8	22
113	The miniJPAS survey. <i>Astronomy and Astrophysics</i> , 2021, 649, A79.	5.1	22
114	Weak lensing correlations in open and flat universes. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 291, 418-424.	4.4	21
115	The Sunyaev-Zel'dovich effect as a cosmological discriminator. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 331, 556-568.	4.4	21
116	The Nature of Blue Cores in Spheroids: A Possible Connection with Active Galactic Nuclei and Star Formation. <i>Astrophysical Journal</i> , 2005, 620, 697-702.	4.5	21
117	The Sextet Arcs: A Strongly Lensed Lyman Break Galaxy in the ACS Spectroscopic Galaxy Survey toward Abell 1689. <i>Astrophysical Journal</i> , 2007, 665, 921-935.	4.5	21
118	Deep Imaging of AX J2019+112: The Luminosity of a "Dark Cluster". <i>Astrophysical Journal</i> , 1999, 527, 31-41.	4.5	21
119	Large-scale QSO-Galaxy Correlations for Radio-quiet and Optically Selected QSO Samples. <i>Astrophysical Journal</i> , 1997, 477, 27-35.	4.5	20
120	Quasi-stellar objects in the ALHAMBRA survey. <i>Astronomy and Astrophysics</i> , 2012, 542, A20.	5.1	20
121	J-PLUS: On the identification of new cluster members in the double galaxy cluster A2589 and A2593 using PDFs. <i>Astronomy and Astrophysics</i> , 2019, 622, A178.	5.1	20
122	The impact from survey depth and resolution on the morphological classification of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1644-1668.	4.4	19
123	Galaxy clusters and groups in the ALHAMBRA survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 549-565.	4.4	18
124	The ALHAMBRA survey: B -band luminosity function of quiescent and star-forming galaxies at $0.2 < z < 1$ by PDF analysis. <i>Astronomy and Astrophysics</i> , 2017, 599, A62.	5.1	17
125	Stellar populations of galaxies in the ALHAMBRA survey up to $z \approx 1$. <i>Astronomy and Astrophysics</i> , 2019, 631, A156.	5.1	17
126	$Herschel$ FIR counterparts of selected Ly α emitters at $z \sim 2.2$. <i>Astronomy and Astrophysics</i> , 2010, 519, L4.	5.1	16

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127	Apples to apples A_{21} I. Realistic galaxy simulated catalogues and photometric redshift predictions for next-generation surveys. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2516-2533.	4.4	16
128	Persistence in Metabolic Nets. Bulletin of Mathematical Biology, 1999, 61, 573-595.	1.9	15
129	The ALHAMBRA survey: An empirical estimation of the cosmic variance for merger fraction studies based on close pairs. Astronomy and Astrophysics, 2014, 564, A127.	5.1	15
130	Assessing the reliability of friends-of-friends groups on the future Javalambre Physics of the Accelerating Universe Astrophysical Survey. Astronomy and Astrophysics, 2014, 561, A71.	5.1	15
131	An accurate cluster selection function for the J-PAS narrow-band wide-field survey. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4291-4304.	4.4	15
132	J-PAS: Measuring emission lines with artificial neural networks. Astronomy and Astrophysics, 2021, 647, A158.	5.1	15
133	The minijPAS survey: Photometric redshift catalogue. Astronomy and Astrophysics, 2021, 654, A101.	5.1	15
134	J-PAS: forecasts on dark energy and modified gravity theories. Monthly Notices of the Royal Astronomical Society, 2020, 493, 3616-3631.	4.4	14
135	Lyman Break and ultraviolet-selected galaxies at $z \sim 1$ II. PACS 100 μm /160 μm FIR detections. Monthly Notices of the Royal Astronomical Society, 2013, 435, 158-186.	4.4	13
136	The ALHAMBRA survey: Discovery of a faint QSO at $z = 5.41$. Astronomy and Astrophysics, 2013, 557, A78.	5.1	13
137	CLASH: EXTENDING GALAXY STRONG LENSING TO SMALL PHYSICAL SCALES WITH DISTANT SOURCES HIGHLY MAGNIFIED BY GALAXY CLUSTER MEMBERS. Astrophysical Journal, 2014, 786, 11.	4.5	13
138	The ALHAMBRA survey: 2D analysis of the stellar populations in massive early-type galaxies at $z < 0.3$. Astronomy and Astrophysics, 2018, 609, A20.	5.1	13
139	Apples to apples A_{21} II. Cluster selection functions for next-generation surveys. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2270-2280.	4.4	12
140	The ALHAMBRA survey: tight dependence of the optical mass-to-light ratio on galaxy colour up to $z = 1.5$. Astronomy and Astrophysics, 2019, 622, A51.	5.1	12
141	Assessing the photometric redshift precision of the S-PLUS survey: the Stripe-82 as a test-case. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3884-3908.	4.4	12
142	R-band imaging of fields around 1 less than Z less than 2 radiogalaxies. Astronomical Journal, 1995, 109, 935.	4.7	12
143	The minijPAS survey: Identification and characterization of the emission line galaxies down to $z < 0.35$ in the AEGIS field. Astronomy and Astrophysics, 2022, 661, A99.	5.1	12
144	High-Redshift Active Galactic Nuclei from the 1 Jy Catalog and the Magnification Bias. Astrophysical Journal, 1995, 448, .	4.5	11

#	ARTICLE	IF	CITATIONS
145	The Discovery of Globular Clusters in the Protospiral Galaxy NGC 2915: Implications for Hierarchical Galaxy Evolution. <i>Astrophysical Journal</i> , 2003, 599, L83-L86.	4.5	10
146	High redshift galaxies in the ALHAMBRA survey. <i>Astronomy and Astrophysics</i> , 2015, 576, A25.	5.1	10
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162	Measuring $\hat{\theta}/[CLC]$ with Weak Lensing. <i>Astrophysical Journal</i> , 1999, 525, L1-L4.	4.5	6

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