

Juan Garcia-Bellido

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

421
papers

17,921
citations

67
h-index

116
g-index

441
ext. papers

22,678
ext. citations

5
avg, IF

6.96
L-index

#	Paper	IF	Citations
421	From the Fire: A Deeper Look at the Phoenix Stream. <i>Astrophysical Journal</i> , 2022 , 925, 118	4.7	0
420	Expediting DECam Multimessenger Counterpart Searches with Convolutional Neural Networks. <i>Astrophysical Journal</i> , 2022 , 925, 44	4.7	
419	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 258, 15	8	1
418	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to data calibration. <i>Physical Review D</i> , 2022 , 105,	4.9	12
417	Dark Energy Survey Year 3 results: Cosmological constraints from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2022 , 105,	4.9	40
416	Dark Energy Survey Year 3 results: marginalization over redshift distribution uncertainties using ranking of discrete realizations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 511, 2170-2185	4.3	2
415	Dark energy survey year 3 results: Cosmology with peaks using an emulator approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 511, 2075-2104	4.3	2
414	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to modeling uncertainty. <i>Physical Review D</i> , 2022 , 105,	4.9	13
413	Mass classification of dark matter perturbers of stellar tidal streams. <i>Physics of the Dark Universe</i> , 2022 , 100978	4.4	0
412	A Search of the Full Six Years of the Dark Energy Survey for Outer Solar System Objects. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 258, 41	8	6
411	Dark Energy Survey Year 3 results: A 2.7% measurement of baryon acoustic oscillation distance scale at redshift 0.835. <i>Physical Review D</i> , 2022 , 105,	4.9	4
410	Search for black hole hyperbolic encounters with gravitational wave detectors. <i>Physics of the Dark Universe</i> , 2022 , 35, 100932	4.4	0
409	The Dark Energy Survey Bright Arcs Survey: Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey 5000 Square Degree Footprint. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 259, 27	8	0
408	The Observed Evolution of the Stellar Mass-Bialo Mass Relation for Brightest Central Galaxies. <i>Astrophysical Journal</i> , 2022 , 928, 28	4.7	2
407	The Evolution of AGN Activity in Brightest Cluster Galaxies. <i>Astronomical Journal</i> , 2022 , 163, 146	4.9	0
406	DeepZipper: A Novel Deep-learning Architecture for Lensed Supernovae Identification. <i>Astrophysical Journal</i> , 2022 , 927, 109	4.7	0
405	The stochastic gravitational wave background from close hyperbolic encounters of primordial black holes in dense clusters. <i>Physics of the Dark Universe</i> , 2022 , 36, 101009	4.4	0

404	Primordial Black Holes and a Common Origin of Baryons and Dark Matter. <i>Universe</i> , 2022 , 8, 12	2.5	2
403	Lensing without borders II. A blind comparison of the amplitude of galaxy-galaxy lensing between independent imaging surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 510, 6150-6189	4.3	2
402	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. <i>Astrophysical Journal</i> , 2022 , 929, 115	4.7	1
401	A GREAT model comparison against the cosmological constant. <i>Physics of the Dark Universe</i> , 2022 , 36, 101029	4.4	
400	Dark Energy Survey Year 3 results: Cosmology from combined galaxy clustering and lensing validation on cosmological simulations. <i>Physical Review D</i> , 2022 , 105,	4.9	0
399	Primordial Black Holes 2022 , 1121-1138		
398	The PAU survey: measurement of narrow-band galaxy properties with approximate bayesian computation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 013	6.4	1
397	Exploring the early Universe with Gaia and Theia. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 023	6.4	10
396	C/2014 UN271 (Bernardinelli-Bernstein): The Nearly Spherical Cow of Comets. <i>Astrophysical Journal Letters</i> , 2021 , 921, L37	7.9	6
395	Dark Energy Survey Year 3 results: galaxy halo connection from galaxy-galaxy lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 509, 3119-3147	4.3	1
394	Primordial Black Holes 2021 , 1-18		
393	Covariant formulation of non-equilibrium thermodynamics in General Relativity. <i>Physics of the Dark Universe</i> , 2021 , 34, 100893	4.4	2
392	Cosmic acceleration from first principles. <i>Physics of the Dark Universe</i> , 2021 , 34, 100892	4.4	2
391	Machine Learning for Searching the Dark Energy Survey for Trans-Neptunian Objects. <i>Publications of the Astronomical Society of the Pacific</i> , 2021 , 133, 014501	5	3
390	The PAU survey: Ly α intensity mapping forecast. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 3883-3899	4.3	2
389	The effect of environment on Type Ia supernovae in the Dark Energy Survey three-year cosmological sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 4861-4876	4.3	13
388	Pushing automated morphological classifications to their limits with the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 1927-1943	4.3	9
387	Consistency of cosmic shear analyses in harmonic and real space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 3796-3817	4.3	5

386	Exploring the contamination of the DES-Y1 cluster sample with SPT-SZ selected clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 1253-1272	4.3	5
385	Constraints on Dark Matter Properties from Observations of MilkyWay Satellite Galaxies. <i>Physical Review Letters</i> , 2021 , 126, 091101	7.4	49
384	No Evidence for Orbital Clustering in the Extreme Trans-Neptunian Objects. <i>Planetary Science Journal</i> , 2021 , 2, 59	2.9	9
383	The PAU Survey: narrow-band photometric redshifts using Gaussian processes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 4118-4135	4.3	3
382	Identifying RR Lyrae Variable Stars in Six Years of the Dark Energy Survey. <i>Astrophysical Journal</i> , 2021 , 911, 109	4.7	7
381	Dark energy survey year 3 results: weak lensing shape catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 4312-4336	4.3	17
380	Dark Energy Survey Year 1 Results: Cosmological Constraints from Cluster Abundances, Weak Lensing, and Galaxy Correlations. <i>Physical Review Letters</i> , 2021 , 126, 141301	7.4	22
379	The first Hubble diagram and cosmological constraints using superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 2535-2549	4.3	8
378	Dark Energy Survey Year 3 results: Curved-sky weak lensing mass map reconstruction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 4626-4645	4.3	9
377	Understanding the extreme luminosity of DES14X2fna. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 3950-3967	4.3	1
376	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 254, 24	8	24
375	The Dark Energy Survey supernova programme: modelling selection efficiency and observed core-collapse supernova contamination. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 2819-2839	4.3	3
374	Dark Energy Survey Year 3 results: redshift calibration of the weak lensing source galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 4249-4277	4.3	18
373	Constraints on dark matter to dark radiation conversion in the late universe with DES-Y1 and external data. <i>Physical Review D</i> , 2021 , 103,	4.9	6
372	Galaxy clustering in harmonic space from the dark energy survey year 1 data: compatibility with real-space results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 5714-5724	4.3	1
371	Assessing tension metrics with dark energy survey and Planck data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 6179-6194	4.3	10
370	Galaxy morphological classification catalogue of the Dark Energy Survey Year 3 data with convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 4425-4444	4.3	4
369	The Dark Energy Survey Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 255, 20	8	22

368	The PAU survey: estimating galaxy photometry with deep learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 4048-4069	4.3	1
367	A Deeper Look at DES Dwarf Galaxy Candidates: Grus i and Indus ii. <i>Astrophysical Journal</i> , 2021 , 916, 81	4.7	3
366	Cosmic conundra explained by thermal history and primordial black holes. <i>Physics of the Dark Universe</i> , 2021 , 31, 100755	4.4	45
365	The Clustering Dynamics of Primordial Black Boles in N-Body Simulations. <i>Universe</i> , 2021 , 7, 18	2.5	16
364	The PAU Survey: an improved photo-z sample in the COSMOS field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 6103-6122	4.3	12
363	A machine learning approach to galaxy properties: joint redshift&stellar mass probability distributions with Random Forest. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 2770-2786	4.3	3
362	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 252, 18	8	27
361	The PAU Survey: Intrinsic alignments and clustering of narrow-band photometric galaxies. <i>Astronomy and Astrophysics</i> , 2021 , 646, A147	5.1	3
360	Dark energy survey internal consistency tests of the joint cosmological probes analysis with posterior predictive distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 2688-2705	4.3	9
359	Cosmological constraints from DES Y1 cluster abundances and SPT multiwavelength data. <i>Physical Review D</i> , 2021 , 103,	4.9	14
358	Dark energy survey year 1 results: Constraining baryonic physics in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 6010-6031	4.3	11
357	The WaZP galaxy cluster sample of the dark energy survey year 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 4435-4456	4.3	4
356	Dark Energy Survey Year 3 results: Optimizing the lens sample in a combined galaxy clustering and galaxy-galaxy lensing analysis. <i>Physical Review D</i> , 2021 , 103,	4.9	14
355	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaev&Zeldovich Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 253, 3	8	44
354	Long-range enhanced mutual information from inflation. <i>Physical Review D</i> , 2021 , 103,	4.9	1
353	Reducing Ground-based Astrometric Errors with Gaia and Gaussian Processes. <i>Astronomical Journal</i> , 2021 , 162, 106	4.9	2
352	OzDES Reverberation Mapping Programme: the first Mg ii lags from 5 yr of monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 3771-3788	4.3	6
351	Probing the nature of black holes: Deep in the mHz gravitational-wave sky. <i>Experimental Astronomy</i> , 2021 , 51, 1385-1416	1.3	5

350	Black hole induced spins from hyperbolic encounters in dense clusters. <i>Physics of the Dark Universe</i> , 2021 , 34, 100882	4.4	7
349	Bayesian analysis of the spin distribution of LIGO/Virgo black holes. <i>Physics of the Dark Universe</i> , 2021 , 31, 100791	4.4	23
348	DES Y1 results: Splitting growth and geometry to test Λ CDM. <i>Physical Review D</i> , 2021 , 103,	4.9	7
347	The Gravity Collective: A Search for the Electromagnetic Counterpart to the Neutron Star-Black Hole Merger GW190814. <i>Astrophysical Journal</i> , 2021 , 923, 258	4.7	6
346	Probing Galaxy Evolution in Massive Clusters Using ACT and DES: Splashback as a Cosmic Clock. <i>Astrophysical Journal</i> , 2021 , 923, 37	4.7	3
345	Testing Primordial Black Holes with multi-band observations of the stochastic gravitational wave background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 012	6.4	1
344	The DES view of the Eridanus supervoid and the CMB cold spot. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 510, 216-229	4.3	2
343	Cosmological constraints on nonadiabatic dark energy perturbations. <i>Physical Review D</i> , 2020 , 102,	4.9	8
342	Perturbation theory for modeling galaxy bias: Validation with simulations of the Dark Energy Survey. <i>Physical Review D</i> , 2020 , 102,	4.9	8
341	Dark Energy Survey identification of a low-mass active galactic nucleus at redshift 0.823 from optical variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 3636-3647	4.3	4
340	Noise from undetected sources in Dark Energy Survey images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 2529-2539	4.3	9
339	Validation of selection function, sample contamination and mass calibration in galaxy cluster samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 771-798	4.3	7
338	The host galaxies of 106 rapidly evolving transients discovered by the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 2575-2593	4.3	7
337	STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DES J04085354 and WGD 20384008. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 3241-3274	4.3	3
336	Stellar mass as a galaxy cluster mass proxy: application to the Dark Energy Survey redMaPPer clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 4591-4606	4.3	18
335	Measuring the net circular polarization of the stochastic gravitational wave background with interferometers. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020 , 2020, 028-028	6.4	17
334	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J04085354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 6072-6102	4.3	83
333	The Curious Case of PHL 293B: A Long-lived Transient in a Metal-poor Blue Compact Dwarf Galaxy. <i>Astrophysical Journal Letters</i> , 2020 , 894, L5	7.9	8

332	Constraining radio mode feedback in galaxy clusters with the cluster radio AGNs properties to $z \sim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 1705-1723	4.3	5
331	Science case for the Einstein telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020 , 2020, 050-054	6.4	213
330	Birds of a Feather? Magellan/IMACS Spectroscopy of the Ultra-faint Satellites Grus II, Tucana IV, and Tucana V. <i>Astrophysical Journal</i> , 2020 , 892, 137	4.7	23
329	The mystery of photometric twins DES17X1boj and DES16E2bjy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 5576-5589	4.3	2
328	On simple analytic models of microlensing amplification statistics. <i>Physics of the Dark Universe</i> , 2020 , 29, 100567	4.4	3
327	A joint SZ \times ray \times optical analysis of the dynamical state of 288 massive galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 705-725	4.3	10
326	Studying Type II supernovae as cosmological standard candles using the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 4860-4892	4.3	6
325	DES16C3cje: A low-luminosity, long-lived supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 95-110	4.3	5
324	The exponential tail of inflationary fluctuations: consequences for primordial black holes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020 , 2020, 029-029	6.4	44
323	Detection of Cross-Correlation between Gravitational Lensing and γ Rays. <i>Physical Review Letters</i> , 2020 , 124, 101102	7.4	10
322	Trans-Neptunian Objects Found in the First Four Years of the Dark Energy Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 247, 32	8	16
321	Optimizing automatic morphological classification of galaxies with machine learning and deep learning using Dark Energy Survey imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 4209-4228	4.3	33
320	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. <i>Physical Review D</i> , 2020 , 102,	4.9	77
319	Weak lensing of Type Ia Supernovae from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 4051-4059	4.3	2
318	Entanglement entropy of primordial black holes after inflation. <i>Physical Review D</i> , 2020 , 101,	4.9	2
317	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 246, 16	8	17
316	Milky Way Satellite Census. I. The Observational Selection Function for Milky Way Satellites in DES Y3 and Pan-STARRS DR1. <i>Astrophysical Journal</i> , 2020 , 893, 47	4.7	52
315	Monte Carlo control loops for cosmic shear cosmology with DES Year 1 data. <i>Physical Review D</i> , 2020 , 101,	4.9	7

314	The Diffuse Light Envelope of Luminous Red Galaxies. <i>Research Notes of the AAS</i> , 2020 , 4, 174	0.8	
313	Dynamical Classification of Trans-Neptunian Objects Detected by the Dark Energy Survey. <i>Astronomical Journal</i> , 2020 , 159, 133	4.9	13
312	First Cosmology Results using Supernovae Ia from the Dark Energy Survey: Survey Overview, Performance, and Supernova Spectroscopy. <i>Astronomical Journal</i> , 2020 , 160, 267	4.9	10
311	Milky Way Satellite Census. II. Galaxy Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2020 , 893, 48	4.7	43
310	Chemical Analysis of the Ultrafaint Dwarf Galaxy Grus II. Signature of High-mass Stellar Nucleosynthesis. <i>Astrophysical Journal</i> , 2020 , 897, 183	4.7	8
309	Dust Reverberation Mapping in Distant Quasars from Optical and Mid-infrared Imaging Surveys. <i>Astrophysical Journal</i> , 2020 , 900, 58	4.7	8
308	Constraints on the Physical Properties of GW190814 through Simulations Based on DECam Follow-up Observations by the Dark Energy Survey. <i>Astrophysical Journal</i> , 2020 , 901, 83	4.7	16
307	A DESGW Search for the Electromagnetic Counterpart to the LIGO/Virgo Gravitational-wave Binary Neutron Star Merger Candidate S190510g. <i>Astrophysical Journal</i> , 2020 , 903, 75	4.7	3
306	The SPTpol Extended Cluster Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 247, 25	8	56
305	Supernova Siblings: Assessing the Consistency of Properties of Type Ia Supernovae that Share the Same Parent Galaxies. <i>Astrophysical Journal Letters</i> , 2020 , 896, L13	7.9	5
304	A Statistical Standard Siren Measurement of the Hubble Constant from the LIGO/Virgo Gravitational Wave Compact Object Merger GW190814 and Dark Energy Survey Galaxies. <i>Astrophysical Journal Letters</i> , 2020 , 900, L33	7.9	24
303	Testing the Isotropy of the Dark Energy Survey's Extreme Trans-Neptunian Objects. <i>Planetary Science Journal</i> , 2020 , 1, 28	2.9	11
302	Increasing the census of ultracool dwarfs in wide binary and multiple systems using Dark Energy Survey DR1 and Gaia DR2 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 5302-5317	4.3	1
301	Dark Energy Survey Year 1 results: the lensing imprint of cosmic voids on the cosmic microwave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 464-480	4.3	7
300	Dark Energy Survey year 3 results: point spread function modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 501, 1282-1299	4.3	14
299	Is diffuse intracluster light a good tracer of the galaxy cluster matter distribution?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 501, 1300-1315	4.3	10
298	Primordial black holes from the QCD epoch: linking dark matter, baryogenesis, and anthropic selection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 501, 1426-1439	4.3	13
297	Candidate Periodically Variable Quasars from the Dark Energy Survey and the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 ,	4.3	7

296	Modelling the Milky Way II. Method and first results fitting the thick disc and halo with DES-Y3 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 1547-1562	4-3	7
295	Supernova host galaxies in the dark energy survey: I. Deep coadds, photometry, and stellar masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 4040-4060	4-3	16
294	Discovery of a Candidate Binary Supermassive Black Hole in a Periodic Quasar from Circumbinary Accretion Variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 ,	4-3	12
293	First cosmology results using type Ia supernovae from the Dark Energy Survey: the effect of host galaxy properties on supernova luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 4426-4447	4-3	34
292	Dark Energy Survey Year 1 Results: Wide-field mass maps via forward fitting in harmonic space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 5662-5679	4-3	8
291	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2017/2018 follow-up campaign: discovery of 10 lensed quasars and 10 quasar pairs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 3491-3511	4-3	12
290	Blinding multiprobe cosmological experiments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 4454-4470	4-3	15
289	The impact of spectroscopic incompleteness in direct calibration of redshift distributions for weak lensing surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 4769-4786	4-3	11
288	Dark Energy Survey Year 3 results: cosmology with moments of weak lensing mass maps II validation on simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 4060-4087	4-3	15
287	The PAU Survey: Photometric redshifts using transfer learning from simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 4565-4579	4-3	10
286	Spectral variability of a sample of extreme variability quasars and implications for the Mg II broad-line region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 5773-5787	4-3	11
285	OzDES multi-object fibre spectroscopy for the Dark Energy Survey: results and second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 19-35	4-3	21
284	Optical follow-up of gravitational wave triggers with DECam during the first two LIGO/VIRGO observing runs. <i>Astronomy and Computing</i> , 2020 , 33, 100425	2-4	7
283	Galaxy masses: weak-lensing calibration of the Dark Energy Survey Year 1 redMaPPer clusters using stellar masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 5450-5467	4-3	4
282	Prospects for fundamental physics with LISA. <i>General Relativity and Gravitation</i> , 2020 , 52, 1	2-3	71
281	Observation and confirmation of nine strong-lensing systems in Dark Energy Survey Year 1 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 1308-1322	4-3	4
280	The PAU Survey: background light estimation with deep learning techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 5392-5405	4-3	3
279	An Extended Catalog of Galaxy-Galaxy Strong Gravitational Lenses Discovered in DES Using Convolutional Neural Networks. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 243, 17	8	34

278	Phenotypic redshifts with self-organizing maps: A novel method to characterize redshift distributions of source galaxies for weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 820-841	4-3	32
277	Dark Energy Survey Year 1 results: the effect of intracluster light on photometric redshifts for weak gravitational lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 4389-4399	4-3	5
276	HOLiCOW IX. Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFI 20334-723. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 613-633	4-3	16
275	Transfer learning for galaxy morphology from one survey to another. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 93-100	4-3	36
274	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , 2019 , 36, 143001	3-3	248
273	Dark Energy Survey Year 1 results: measurement of the galaxy angular power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 3870-3883	4-3	12
272	C iv black hole mass measurements with the Australian Dark Energy Survey (OzDES). <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 3650-3663	4-3	21
271	Cosmological lensing ratios with DES Y1, SPT, and Planck. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 1363-1379	4-3	11
270	The Physics of the Accelerating Universe Camera. <i>Astronomical Journal</i> , 2019 , 157, 246	4-9	13
269	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. <i>Astrophysical Journal</i> , 2019 , 874, 106	4-7	34
268	A new RASS galaxy cluster catalogue with low contamination extending to $z \sim 1$ in the DES overlap region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 739-769	4-3	26
267	Superluminous supernovae from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 2215-2241	4-3	37
266	Three new VHSDES quasars at $z = 6.7$ – 6.5 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 1874-1885	4-3	43
265	Dark Energy Surveyed Year 1 results: calibration of cluster mis-centring in the redMaPPer catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 2578-2593	4-3	28
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