

The Dark Energy Survey Camera (DECam)

Physics Procedia

37, 1332-1340

DOI: [10.1016/j.phpro.2012.02.472](https://doi.org/10.1016/j.phpro.2012.02.472)

Citation Report

#	ARTICLE	IF	CITATIONS
1	DECam Integration Tests on Telescope Simulator. Physics Procedia, 2012, 37, 1445-1452.	1.2	2
2	The Dark Energy Spectrometer: a potential multi-fiber instrument for the Blanco 4-meter Telescope. Proceedings of SPIE, 2012, , .	0.8	1
3	Status of the Dark Energy Survey Camera (DECam) project. Proceedings of SPIE, 2012, , .	0.8	42
4	Technology and device-design enhancements for improved read noise performance in fully depleted CCDs. Proceedings of SPIE, 2014, , .	0.8	2
5	Photometric redshift analysis in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1482-1506.	4.4	146
6	On-Sky Measurements of the Transverse Electric Fieldsâ€™ Effects in the Dark Energy Camera CCDs. Publications of the Astronomical Society of the Pacific, 0, , 000-000.	3.1	22
7	The Dark Energy Survey and operations: Year 1. Proceedings of SPIE, 2014, , .	0.8	45
8	Characterization and correction of charge-induced pixel shifts in DECam. Journal of Instrumentation, 2015, 10, C05032-C05032.	1.2	58
9	Discriminating Variable Star Candidates in Large Image Databases from the HiTS Survey Using NMF. Procedia Computer Science, 2015, 53, 29-38.	2.0	2
10	THE DARK ENERGY CAMERA. Astronomical Journal, 2015, 150, 150.	4.7	718
11	Constraints on the richnessâ€™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
12	OzDES multifibre spectroscopy for the Dark Energy Survey: first-year operation and results. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3047-3063.	4.4	75
13	Wide-field lensing mass maps from Dark Energy Survey science verification data: Methodology and detailed analysis. Physical Review D, 2015, 92, .	4.7	47
14	Wide-Field Lensing Mass Maps from Dark Energy Survey Science Verification Data. Physical Review Letters, 2015, 115, 051301.	7.8	40
15	Mass and galaxy distributions of four massive galaxy clusters from Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2219-2238.	4.4	55
16	DES13S2cmm: the first superluminous supernova from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1215-1227.	4.4	53
17	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. Astronomical Journal, 2015, 150, 82.	4.7	107
18	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. Astrophysical Journal, 2015, 807, 50.	4.5	466

#	ARTICLE	IF	CITATIONS
19	redMaGiC: selecting luminous red galaxies from the DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1431-1450.	4.4	156
20	Redshift distributions of galaxies in the Dark Energy Survey Science Verification shear catalogue and implications for weak lensing. Physical Review D, 2016, 94, .	4.7	105
21	Cosmic shear measurements with Dark Energy Survey Science Verification data. Physical Review D, 2016, 94, .	4.7	81
22	The Dark Energy Survey: Status and First results. Nuclear and Particle Physics Proceedings, 2016, 273-275, 302-308.	0.5	0
23	The DES Science Verification weak lensing shear catalogues. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2245-2281.	4.4	137
24	The Effect of Detector Nonlinearity on $\langle i \rangle$ PSF Profiles for Weak Gravitational Lensing Measurements. Publications of the Astronomical Society of the Pacific, 2016, 128, 104001.	3.1	15
25	Galaxy clustering, photometric redshifts and diagnosis of systematics in the DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 455, 4301-4324.	4.4	77
26	MODELING THE PERFORMANCE OF THE LSST IN SURVEYING THE NEAR-EARTH OBJECT POPULATION. Astronomical Journal, 2016, 151, 172.	4.7	19
27	HOLICOW – I. H ₀ Lenses in COSMOGRAIL's Wellspring: program overview. Monthly Notices of the Royal Astronomical Society, 2017, 468, 2590-2604.	4.4	253
28	Hunting Faint Dwarf Galaxies in the Field Using Integrated Light Surveys. Astrophysical Journal, 2018, 856, 69.	4.5	46
29	Weak lensing magnification in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1071-1085.	4.4	21
30	A search for a surviving companion in SN 1006. Monthly Notices of the Royal Astronomical Society, 2018, 479, 192-199.	4.4	28
31	Deep Learning for Image Sequence Classification of Astronomical Events. Publications of the Astronomical Society of the Pacific, 2019, 131, 108006.	3.1	36
32	The formation and evolution of low-surface-brightness galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 485, 796-818.	4.4	80
33	VEXAS: VISTA EXTension to Auxiliary Surveys. Astronomy and Astrophysics, 2019, 630, A146.	5.1	4
34	Neutron star mergers and how to study them. Living Reviews in Relativity, 2020, 23, 1.	26.7	31
35	VEXAS: VISTA EXTension to Auxiliary Surveys. Astronomy and Astrophysics, 2021, 651, A69.	5.1	4
36	Modeling the PSF of misaligned wide-field telescopes through an integrated modeling approach. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Spurious shear induced by the tree rings of the LSST CCDs. Journal of Instrumentation, 2015, 10, C08010-C08010.	1.2	5
38	LEVERAGING 3D-HST GRISM REDSHIFTS TO QUANTIFY PHOTOMETRIC REDSHIFT PERFORMANCE. Astrophysical Journal, 2016, 822, 30.	4.5	26
39	Preparing for low surface brightness science with the Vera C. Rubin Observatory: Characterization of tidal features from mock images. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1459-1487.	4.4	19
40	New evidence and analysis of cosmological-scale asymmetry in galaxy spin directions. Journal of Astrophysics and Astronomy, 2022, 43, .	1.0	6
41	Analysis of $\sim 10^6$ Spiral Galaxies from Four Telescopes Shows Large-Scale Patterns of Asymmetry in Galaxy Spin Directions. Advances in Astronomy, 2022, 2022, 1-19.	1.1	6
42	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
43	Asymmetry in Galaxy Spin Directions—Analysis of Data from DES and Comparison to Four Other Sky Surveys. Universe, 2022, 8, 397.	2.5	1
44	Optical and Mechanical Performance and Feasibility Analysis of Meter-Level Corrector Lenses for Survey Telescope. Photonics, 2023, 10, 422.	2.0	0
45	Outlier galaxy images in the Dark Energy Survey and their identification with unsupervised machine learning. Astronomy and Computing, 2023, 43, 100712.	1.7	0
46	Survey-scale discovery-based research processes: evaluating a bespoke visualisation environment for astronomical survey data. Publications of the Astronomical Society of Australia, 0, , 1-21.	3.4	0