Judit Prat

List of Publications by Year in descending order

52 papers	3,919 citations	159585 30 h-index	175258 52 g-index
52 all docs	52 docs citations	52 times ranked	2676 citing authors

#	Article	IF	Citations
1	Dark Energy Survey Year 3 results: galaxy clustering and systematics treatment for lens galaxy samples. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2665-2687.	4.4	31
2	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. Astrophysical Journal, Supplement Series, 2022, 258, 15.	7.7	21
3	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to data calibration. Physical Review D, 2022, 105, .	4.7	151
4	Dark Energy Survey Year 3 results: Cosmological constraints from galaxy clustering and weak lensing. Physical Review D, 2022, 105, .	4.7	398
5	Dark energy survey year 3 results: Cosmology with peaks using an emulator approach. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2075-2104.	4.4	34
6	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to modeling uncertainty. Physical Review D, 2022, 105, .	4.7	145
7	Lensing without borders â€“ I. A blind comparison of the amplitude of galaxyâ€“galaxy lensing between independent imaging surveys. Monthly Notices of the Royal Astronomical Society, 2022, 510, 6150-6189.	4.4	12
8	Dark Energy Survey Year 3 results: Exploiting small-scale information with lensing shear ratios. Physical Review D, 2022, 105, .	4.7	23
9	Dark energy survey year 3 results: High-precision measurement and modeling of galaxy-galaxy lensing. Physical Review D, 2022, 105, .	4.7	22
10	Dark Energy Survey Year 3 Results: Three-point shear correlations and mass aperture moments. Physical Review D, 2022, 105, .	4.7	12
11	Cross-correlation of Dark Energy Survey Year 3 lensing data with ACT and Planck thermal Sunyaev-Zelâ€™dovich effect observations. I. Measurements, systematics tests, and feedback model constraints. Physical Review D, 2022, 105, .	4.7	16
12	Cross-correlation of Dark Energy Survey Year 3 lensing data with ACT and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>P</mml:mi><mml:mi>l</mml:mi><mml:mi>a</mml:mi><mml:mi>n</mml:mi><mml:mi>c</mml:mi><mml:mi>k</mml:mi></mml:math> thermal Sunyaev-Zelâ€™dovich effect observations. II. Modeling and constraints on halo pressure profiles. Physical Review D, 2022, 105, .	4.7	21
13	Dark Energy Survey Year 3 results: Cosmology from combined galaxy clustering and lensing validation on cosmological simulations. Physical Review D, 2022, 105, .	4.7	19
14	Dark energy survey year 3 results: cosmological constraints from the analysis of cosmic shear in harmonic space. Monthly Notices of the Royal Astronomical Society, 2022, 515, 1942-1972.	4.4	27
15	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. Astrophysical Journal, Supplement Series, 2021, 252, 18.	7.7	56
16	Dark energy survey internal consistency tests of the joint cosmological probes analysis with posterior predictive distributions. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2688-2705.	4.4	20
17	Dark energy survey year 1 results: Constraining baryonic physics in the Universe. Monthly Notices of the Royal Astronomical Society, 2021, 502, 6010-6031.	4.4	27
18	Dark energy survey year 3 results: weak lensing shape catalogue. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4312-4336.	4.4	77

#	Article	IF	Citations
19	Dark Energy Survey Year 1 Results: Cosmological Constraints from Cluster Abundances, Weak Lensing, and Galaxy Correlations. Physical Review Letters, 2021, 126, 141301.	7.8	55
20	Dark Energy Survey Year 3 results: Curved-sky weak lensing mass map reconstruction. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4626-4645.	4.4	42
21	Dark Energy Survey Year 3 results: redshift calibration of the weak lensing source galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4249-4277.	4.4	67
22	Assessing tension metrics with dark energy survey and Planck data. Monthly Notices of the Royal Astronomical Society, 2021, 505, 6179-6194.	4.4	37
23	Dark Energy Survey year 3 results: covariance modelling and its impact on parameter estimation and quality of fit. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3125-3165.	4.4	39
24	The mass and galaxy distribution around SZ-selected clusters. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5758-5779.	4.4	20
25	DES Y1 results: Splitting growth and geometry to test <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="normal">Î›</mml:mi><mml:mi>CDM</mml:mi></mml:math>. Physical Review D, 2021, 103, .	4.7	16
26	Galaxyâ€“galaxy lensing with the DES-CMASS catalogue: measurement and constraints on the galaxy-matter cross-correlation. Monthly Notices of the Royal Astronomical Society, 2021, 509, 2033-2047.	4.4	6
27	Dark Energy Survey Year 3 Results: Deep Field opticalÂ+Ânear-infrared images and catalogue. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3547-3579.	4.4	35
28	Probing gravity with the DES-CMASS sample and BOSS spectroscopy. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4982-4996.	4.4	9
29	Dark Energy Survey Year 3 Results: clustering redshifts â€“ calibration of the weak lensing source redshift distributions with redMaGiC and BOSS/eBOSS. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1223-1247.	4.4	36
30	Dark Energy Survey Year 3 results: galaxyâ€“halo connection from galaxyâ€“galaxy lensing. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3119-3147.	4.4	18
31	The DES view of the Eridanus supervoid and the CMB cold spot. Monthly Notices of the Royal Astronomical Society, 2021, 510, 216-229.	4.4	14
32	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. Physical Review D, 2020, 102, .	4.7	140
33	Dark Energy Survey Year 1 Results: Cross-correlation between Dark Energy Survey Y1 galaxy weak lensing and South Pole Telescope <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo>+</mml:mo><mml:mrow><mml:mi>P</mml:mi><mml:mi>l</mml:mi><mml:mi>a</mml:mi><mml:mi> CMB weak lensing. Physical Review D, 2019, 100, .	4.7	22
34	Dark Energy Survey year 1 results: Joint analysis of galaxy clustering, galaxy lensing, and CMB lensing two-point functions. Physical Review D, 2019, 100, .	4.7	38
35	Dark Energy Survey Year 1 results: constraints on intrinsic alignments and their colour dependence from galaxy clustering and weak lensing. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5453-5482.	4.4	62
36	Dark Energy Survey year 1 results: the relationship between mass and light around cosmic voids. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3573-3587.	4.4	32

#	Article	IF	Citations
37	Cosmological lensing ratios with DES Y1, SPT, and Planck. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1363-1379.	4.4	16
38	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. Physical Review Letters, 2019, 122, 171301.	7.8	86
39	Dark Energy Survey Year 1 results: Methodology and projections for joint analysis of galaxy clustering, galaxy lensing, and CMB lensing two-point functions. Physical Review D, 2019, 99, .	4.7	35
40	Dark Energy Survey Year 1 results: curved-sky weak lensing mass map. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3165-3190.	4.4	60
41	Survey geometry and the internal consistency of recent cosmic shear measurements. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4998-5004.	4.4	68
42	Density split statistics: Cosmological constraints from counts and lensing in cells in DES Y1 and SDSS data. Physical Review D, 2018, 98, .	4.7	75
43	Dark Energy Survey Year 1 results: weak lensing shape catalogues. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1149-1182.	4.4	144
44	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. Astrophysical Journal, 2018, 864, 83.	4.5	69
45	DES Y1 Results: validating cosmological parameter estimation using simulated Dark Energy Surveys. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4614-4635.	4.4	31
46	Dark Energy Survey year 1 results: Galaxy-galaxy lensing. Physical Review D, 2018, 98, .	4.7	71
47	Dark Energy Survey year 1 results: Galaxy clustering for combined probes. Physical Review D, 2018, 98, .	4.7	102
48	Galaxy bias from galaxyâ€“galaxy lensing in the DES science verification data. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1667-1684.	4.4	14
49	Dark Energy Survey year 1 results: Cosmological constraints from galaxy clustering and weak lensing. Physical Review D, 2018, 98, .	4.7	751
50	Dark Energy Survey Year 1 results: Cosmological constraints from cosmic shear. Physical Review D, 2018, 98, .	4.7	412
51	Dark Energy Survey Year 1 Results: redshift distributions of the weak-lensing source galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 478, 592-610.	4.4	145
52	Galaxyâ€“galaxy lensing in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4204-4218.	4.4	40