Joanna Dunkley

List of Publications by Year
in descending order

49 papers	4,507 citations	134610 34 h-index	252626 46 g-index
49 all docs	49 docs citations	49 times ranked	3410 citing authors

#	Article	IF	Citations
1	Atacama Cosmology Telescope: Component-separated maps of CMB temperature and the thermal Sunyaev-Zelâ€™dovich effect. Physical Review D, 2020, 102, .	1.6	56
2	Atacama Cosmology Telescope: Dusty Star-forming Galaxies and Active Galactic Nuclei in the Equatorial Survey. Astrophysical Journal, 2020, 893, 104.	1.6	16
3	Quantifying the thermal Sunyaevâ€“Zelâ€™dovich effect and excess millimetre emission in quasar environments. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2315-2335.	1.6	16
4	Weak-lensing Mass Calibration of ACTPol Sunyaevâ€“Zelâ€™dovich Clusters with the Hyper Suprime-Cam Survey. Astrophysical Journal, 2019, 875, 63.	1.6	72
5	The Atacama Cosmology Telescope: two-season ACTPol extragalactic point sources and their polarization properties. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5239-5262.	1.6	27
6	The Atacama Cosmology Telescope: The Two-season ACTPol Sunyaevâ€“Zelâ€™dovich Effect Selected Cluster Catalog. Astrophysical Journal, Supplement Series, 2018, 235, 20.	3.0	121
7	Neutrino masses and beyond- <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> cosmology with LSST and future CMB experiments. Physical Review D, 2018, 97, .	1.6	47
8	The Atacama Cosmology Telescope: two-season ACTPol spectra and parameters. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 031-031.	1.9	120
9	Two-season Atacama Cosmology Telescope polarimeter lensing power spectrum. Physical Review D, 2017, 95, .	1.6	104
10	Cosmological parameters from pre-Planck CMB measurements: A 2017 update. Physical Review D, 2017, 95, .	1.6	33
11	Evidence for the kinematic Sunyaev-Zelâ€™dovich effect with the Atacama Cosmology Telescope and velocity reconstruction from the Baryon Oscillation Spectroscopic Survey. Physical Review D, 2016, 93, .	1.6	90
12	BFORE: The B-mode Foreground Experiment. Journal of Low Temperature Physics, 2016, 184, 746-753.	0.6	5
13	First measurement of the cross-correlation of CMB lensing and galaxy lensing. Physical Review D, 2015, 91, .	1.6	60
14	Evidence of Lensing of the Cosmic Microwave Background by Dark Matter Halos. Physical Review Letters, 2015, 114, 151302.	2.9	70
15	THE ATACAMA COSMOLOGY TELESCOPE: LENSING OF CMB TEMPERATURE AND POLARIZATION DERIVED FROM COSMIC INFRARED BACKGROUND CROSS-CORRELATION. Astrophysical Journal, 2015, 808, 7.	1.6	66
16	Contamination of early-type galaxy alignments to galaxy lensingâ€“CMB lensing cross-correlation. Monthly Notices of the Royal Astronomical Society, 2015, 453, 682-689.	1.6	22
17	Comparison of sampling techniques for Bayesian parameter estimation. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3918-3928.	1.6	44
18	The Atacama Cosmology Telescope: cross correlation withPlanckmaps. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 016-016.	1.9	27

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19	The Atacama Cosmology Telescope: temperature and gravitational lensing power spectrum measurements from three seasons of data. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 014-014.	1.9	194
20	The Atacama Cosmology Telescope: CMB polarization at 200 < â„“ < 9000. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 007-007.	1.9	121
21	Cosmological parameters from pre-planck cosmic microwave background measurements. Physical Review D, 2013, 87, .	1.6	65
22	The Atacama Cosmology Telescope: cosmological parameters from three seasons of data. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 060-060.	1.9	215
23	Lensing simulation and power spectrum estimation for high-resolution CMB polarization maps. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2040-2047.	1.6	28
24	The Atacama Cosmology Telescope: Sunyaev-Zel'dovich selected galaxy clusters at 148 GHz from three seasons of data. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 008-008.	1.9	378
25	THE ATACAMA COSMOLOGY TELESCOPE: BEAM MEASUREMENTS AND THE MICROWAVE BRIGHTNESS TEMPERATURES OF URANUS AND SATURN. Astrophysical Journal, Supplement Series, 2013, 209, 17.	3.0	32
26	THE ATACAMA COSMOLOGY TELESCOPE: DYNAMICAL MASSES AND SCALING RELATIONS FOR A SAMPLE OF MASSIVE SUNYAEV-ZEL'DOVICH EFFECT SELECTED GALAXY CLUSTERS ,. Astrophysical Journal, 2013, 772, 25.	1.6	97
27	THE ATACAMA COSMOLOGY TELESCOPE: RELATION BETWEEN GALAXY CLUSTER OPTICAL RICHNESS AND SUNYAEV-ZEL'DOVICH EFFECT. Astrophysical Journal, 2013, 767, 38.	1.6	40
28	THE ATACAMA COSMOLOGY TELESCOPE: DATA CHARACTERIZATION AND MAPMAKING. Astrophysical Journal, 2013, 762, 10.	1.6	70
29	Evidence of Galaxy Cluster Motions with the Kinematic Sunyaev-Zelâ€™dovich Effect. Physical Review Letters, 2012, 109, 041101.	2.9	185
30	The Atacama Cosmology Telescope: Cross-correlation of cosmic microwave background lensing and quasars. Physical Review D, 2012, 86, .	1.6	91
31	Atacama Cosmology Telescope: A measurement of the thermal Sunyaev-Zelâ€™dovich effect using the skewness of the CMB temperature distribution. Physical Review D, 2012, 86, .	1.6	34
32	THE ATACAMA COSMOLOGY TELESCOPE: ACT-CL J0102â€“4915 â€œEL GORDO,â€• A MASSIVE MERGING CLUSTER AT REDSHIFT 0.87. Astrophysical Journal, 2012, 748, 7.	1.6	158
33	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE PRIMORDIAL POWER SPECTRUM. Astrophysical Journal, 2012, 749, 90.	1.6	97
34	CORRELATIONS IN THE (SUB)MILLIMETER BACKGROUND FROM ACT Ã— BLAST. Astrophysical Journal, 2012, 744, 40.	1.6	27
35	Evidence for Dark Energy from the Cosmic Microwave Background Alone Using the Atacama Cosmology Telescope Lensing Measurements. Physical Review Letters, 2011, 107, 021302.	2.9	118
36	Detection of the Power Spectrum of Cosmic Microwave Background Lensing by the Atacama Cosmology Telescope. Physical Review Letters, 2011, 107, 021301.	2.9	225

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37	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGY FROM GALAXY CLUSTERS DETECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT. Astrophysical Journal, 2011, 732, 44.	1.6	140
38	THE ATACAMA COSMOLOGY TELESCOPE: CALIBRATION WITH THEWILKINSON MICROWAVE ANISOTROPY PROBEUSING CROSS-CORRELATIONS. Astrophysical Journal, 2011, 740, 86.	1.6	34
39	THE ATACAMA COSMOLOGY TELESCOPE: EXTRAGALACTIC SOURCES AT 148 GHz IN THE 2008 SURVEY. Astrophysical Journal, 2011, 731, 100.	1.6	75
40	THE ATACAMA COSMOLOGY TELESCOPE: DETECTION OF SUNYAEV-ZEL'DOVICH DECREMENT IN GROUPS AND CLUSTERS ASSOCIATED WITH LUMINOUS RED GALAXIES. Astrophysical Journal, 2011, 736, 39.	1.6	52
41	Large-scale polarized foreground component separation for Planck. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1498-1510.	1.6	8
42	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE COSMIC MICROWAVE BACKGROUND POWER SPECTRUM AT 148 AND 218 GHz FROM THE 2008 SOUTHERN SURVEY. Astrophysical Journal, 2011, 729, 62.	1.6	144
43	THE ATACAMA COSMOLOGY TELESCOPE: SUNYAEV-ZEL'DOVICH-SELECTED GALAXY CLUSTERS AT 148 GHz IN THE 2008 SURVEY. Astrophysical Journal, 2011, 737, 61.	1.6	234
44	THE ATACAMA COSMOLOGY TELESCOPE: PHYSICAL PROPERTIES AND PURITY OF A GALAXY CLUSTER SAMPLE SELECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT. Astrophysical Journal, 2010, 723, 1523-1541.	1.6	98
45	Probing Inflation with CMB Polarization. , 2009, , .		252
46	A Mission to Map our Origins. , 2009, , .		11
47	Constraining isocurvature initial conditions with WMAP 3-year data. Physical Review D, 2006, 74, .	1.6	93
48	Searching for Isocurvature Perturbations. Nuclear Physics, Section B, Proceedings Supplements, 2005, 148, 7-15.	0.5	0
49	Fast and reliable Markov chain Monte Carlo technique for cosmological parameter estimation. Monthly Notices of the Royal Astronomical Society, 2005, 356, 925-936.	1.6	195