

Paolo Serra

List of Publications by Year in descending order

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33
papers

2,201
citations

448610

19
h-index

466096

32
g-index

33
all docs

33
docs citations

33
times ranked

3252
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpreting the cosmic far-infrared background anisotropies using a gas regulator model. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3974-3995.	1.6	5
2	STAR FORMATION BIMODALITY IN EARLY-TYPE GALAXIES. Astrophysical Journal, 2014, 783, 135.	1.6	32
3	<i>Planck</i> 2013 results. I. Overview of products and scientific results. Astronomy and Astrophysics, 2014, 571, A1.	2.1	948
4	<i>Planck</i> 2013 results. XXX. Cosmic infrared background measurements and implications for star formation. Astronomy and Astrophysics, 2014, 571, A30.	2.1	210
5	<i>Planck</i> 2013 results. XVIII. The gravitational lensing-infrared background correlation. Astronomy and Astrophysics, 2014, 571, A18.	2.1	116
6	HerMES: THE CONTRIBUTION TO THE COSMIC INFRARED BACKGROUND FROM GALAXIES SELECTED BY MASS AND REDSHIFT. Astrophysical Journal, 2013, 779, 32.	1.6	99
7	Amplitudes of thermal and kinetic Sunyaev-Zelâ€™dovich signals from small-scale CMB anisotropies. Physical Review D, 2012, 85, .	1.6	2
8	CIGALEMC: GALAXY PARAMETER ESTIMATION USING A MARKOV CHAIN MONTE CARLO APPROACH WITH CIGALE. Astrophysical Journal, 2011, 740, 22.	1.6	74
9	A CONSTRAINT ON THE INTEGRATED MASS POWER SPECTRUM OUT TO $z = 1100$ FROM LENSING OF THE COSMIC MICROWAVE BACKGROUND. Astrophysical Journal Letters, 2011, 728, L1.	3.0	19
10	New optimized estimators for the primordial trispectrum. Monthly Notices of the Royal Astronomical Society, 2011, 412, 1993-2016.	1.6	33
11	Submillimetre galaxies reside in dark matter haloes with masses greater than 3×10^{11} solar masses. Nature, 2011, 470, 510-512.	13.7	98
12	Impact of secondary non-Gaussianities in the CMB on cosmological parameter estimation. Physical Review D, 2010, 81, .	1.6	7
13	Non-Gaussianity in WMAP data due to the correlation of CMB lensing potential with secondary anisotropies. Physical Review D, 2010, 81, .	1.6	18
14	Constraints on primordial non-Gaussianity from WMAP7 and luminous red galaxies power spectrum and forecast for future surveys. Physical Review D, 2010, 82, .	1.6	10
15	Impact of general reionization scenarios on extraction of inflationary parameters. Physical Review D, 2010, 82, .	1.6	14
16	Harrison-Zelâ€™dovich primordial spectrum is consistent with observations. Physical Review D, 2010, 81, .	1.6	19
17	Constraints on neutrino-dark matter interactions from cosmic microwave background and large scale structure data. Physical Review D, 2010, 81, .	1.6	70
18	Multiparameter investigation of gravitational slip. Physical Review D, 2009, 80, .	1.6	37

#	ARTICLE	IF	CITATIONS
19	No evidence for dark energy dynamics from a global analysis of cosmological data. <i>Physical Review D</i> , 2009, 80, .	1.6	65
20	Measurement of primordial non-Gaussianity using the WMAP 5-year temperature skewness power spectrum. <i>Physical Review D</i> , 2009, 80, .	1.6	22
21	Lensed cosmic microwave background constraints on post-general-relativity parameters. <i>Physical Review D</i> , 2009, 79, .	1.6	13
22	Cosmic shear from scalar-induced gravitational waves. <i>Physical Review D</i> , 2008, 77, .	1.6	27
23	Improved limit on the neutrino mass with CMB and redshift-dependent halo bias-mass relations from SDSS, DEEP2, and Lyman-break galaxies. <i>Physical Review D</i> , 2008, 78, .	1.6	20
24	Impact of secondary non-Gaussianities on the search for primordial non-Gaussianity with CMB maps. <i>Physical Review D</i> , 2008, 77, .	1.6	56
25	Weak lensing of the primary CMB bispectrum. <i>Physical Review D</i> , 2008, 77, .	1.6	20
26	Impact of point source clustering on cosmological parameters with CMB anisotropies. <i>Physical Review D</i> , 2008, 78, .	1.6	15
27	Anisotropies in the cosmic neutrino background after Wilkinson Microwave Anisotropy Probe five-year data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 013.	1.9	21
28	The impact of neutrino masses on the determination of dark energy properties. <i>Astroparticle Physics</i> , 2007, 27, 406-410.	1.9	16
29	Massive neutrinos and dark energy. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2007, 168, 31-33.	0.5	1
30	Cosmological bounds on dark-matter-neutrino interactions. <i>Physical Review D</i> , 2006, 74, .	1.6	101
31	Anisotropies in the neutrino background: An update. <i>Physical Review D</i> , 2006, 74, .	1.6	11
32	New constraints on neutrino masses from cosmology. <i>New Astronomy Reviews</i> , 2006, 50, 1020-1024.	5.2	2
33	Constraints on dynamical dark energy: an update. <i>New Journal of Physics</i> , 2006, 8, 325-325.	1.2	0