

Albert Stebbins

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4219035/publications.pdf>

Version: 2024-02-01

98
papers

22,998
citations

38660

50
h-index

54797

84
g-index

101
all docs

101
docs citations

101
times ranked

10988
citing authors

#	ARTICLE	IF	CITATIONS
1	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 543-558.	3.0	4,201
2	Cosmological parameters from SDSS and WMAP. <i>Physical Review D</i> , 2004, 69, .	1.6	3,121
3	Sloan Digital Sky Survey: Early Data Release. <i>Astronomical Journal</i> , 2002, 123, 485-548.	1.9	2,003
4	The Three-Dimensional Power Spectrum of Galaxies from the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2004, 606, 702-740.	1.6	1,426
5	Cosmological constraints from the SDSS luminous red galaxies. <i>Physical Review D</i> , 2006, 74, .	1.6	1,132
6	The Second Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2004, 128, 502-512.	1.9	953
7	The First Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 126, 2081-2086.	1.9	800
8	Statistics of cosmic microwave background polarization. <i>Physical Review D</i> , 1997, 55, 7368-7388.	1.6	773
9	Cosmology with Ultralight Pseudo Nambu-Goldstone Bosons. <i>Physical Review Letters</i> , 1995, 75, 2077-2080.	2.9	714
10	A Probe of Primordial Gravity Waves and Vorticity. <i>Physical Review Letters</i> , 1997, 78, 2058-2061.	2.9	661
11	The Third Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2005, 129, 1755-1759.	1.9	634
12	The Fifth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2007, 172, 634-644.	3.0	615
13	Galaxy Clustering in Early Sloan Digital Sky Survey Redshift Data. <i>Astrophysical Journal</i> , 2002, 571, 172-190.	1.6	520
14	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 18.	3.0	455
15	Dark Energy Survey Year 1 results: Cosmological constraints from cosmic shear. <i>Physical Review D</i> , 2018, 98, .	1.6	412
16	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. I. Discovery of the Optical Counterpart Using the Dark Energy Camera. <i>Astrophysical Journal Letters</i> , 2017, 848, L16.	3.0	392
17	Microwave anisotropy due to cosmic strings. <i>Nature</i> , 1984, 310, 391-393.	13.7	361
18	Analysis of Systematic Effects and Statistical Uncertainties in Angular Clustering of Galaxies from Early Sloan Digital Sky Survey Data. <i>Astrophysical Journal</i> , 2002, 579, 48-75.	1.6	209

#	ARTICLE	IF	CITATIONS
19	Weak Lensing with Sloan Digital Sky Survey Commissioning Data: The Galaxy-Mass Correlation Function to 1 [CLC][ITAL]h[ITAL][CLC][TSUP]âˆ’1[TSUP] M[CLC]pc[CLC]. <i>Astronomical Journal</i> , 2000, 120, 1198-1208.	1.9	163
20	Topology of microwave background fluctuations - Theory. <i>Astrophysical Journal</i> , 1990, 352, 1.	1.6	149
21	A Test of the Copernican Principle. <i>Physical Review Letters</i> , 2008, 100, 191302.	2.9	137
22	ALL-SKY INTERFEROMETRY WITH SPHERICAL HARMONIC TRANSIT TELESCOPES. <i>Astrophysical Journal</i> , 2014, 781, 57.	1.6	136
23	The Three-dimensional Power Spectrum from Angular Clustering of Galaxies in Early Sloan Digital Sky Survey Data. <i>Astrophysical Journal</i> , 2002, 572, 140-156.	1.6	118
24	Patterns of the cosmic microwave background from evolving string networks. <i>Nature</i> , 1988, 335, 410-414.	13.7	112
25	The Mass of the Coma Cluster from Weak Lensing in the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2007, 671, 1466-1470.	1.6	112
26	Coaxing cosmic 21-cm fluctuations from the polarized sky using $\langle m \rangle$ -mode analysis. <i>Physical Review D</i> , 2015, 91, .	1.6	112
27	Constraints on cosmologically regenerated gravitinos. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985, 158, 463-467.	1.5	110
28	Cosmic Microwave Background Anisotropy Induced by Cosmic Strings on Angular Scales $\sim 15^\circ$. <i>Physical Review Letters</i> , 1997, 79, 2624-2627.	2.9	105
29	Clumpy cold dark matter. <i>Astrophysical Journal</i> , 1993, 411, 439.	1.6	102
30	A GROUND-BASED 21 cm BARYON ACOUSTIC OSCILLATION SURVEY. <i>Astrophysical Journal</i> , 2010, 721, 164-173.	1.6	100
31	Gravitational Lensing of Gravitational Waves from Merging Neutron Star Binaries. <i>Physical Review Letters</i> , 1996, 77, 2875-2878.	2.9	94
32	Cosmic string wakes. <i>Astrophysical Journal</i> , 1987, 322, 1.	1.6	92
33	Cold + Hot Dark Matter and the Cosmic Microwave Background. <i>Astrophysical Journal</i> , 1996, 467, 10.	1.6	91
34	Confirmation of the Copernican Principle at Gpc Radial Scale and above from the Kinetic Sunyaev-Zeldovich Effect Power Spectrum. <i>Physical Review Letters</i> , 2011, 107, 041301.	2.9	89
35	Causal compensated perturbations in cosmology. <i>Astrophysical Journal</i> , 1990, 365, 37.	1.6	86
36	The Angular Correlation Function of Galaxies from Early Sloan Digital Sky Survey Data. <i>Astrophysical Journal</i> , 2002, 579, 42-47.	1.6	77

#	ARTICLE	IF	CITATIONS
37	Cosmic strings and the microwave sky. I - Anisotropy from moving strings. <i>Astrophysical Journal</i> , 1988, 327, 584.	1.6	77
38	The Angular Power Spectrum of Galaxies from Early Sloan Digital Sky Survey Data. <i>Astrophysical Journal</i> , 2002, 571, 191-205.	1.6	74
39	Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields: Technical Summary and Data Release. <i>Astronomical Journal</i> , 2004, 128, 2577-2592.	1.9	73
40	Primordial Gravity Waves and Weak Lensing. <i>Physical Review Letters</i> , 2003, 91, 021301.	2.9	72
41	Excesses in cosmic ray positron and electron spectra from a nearby clump of neutralino dark matter. <i>Physical Review D</i> , 2009, 79, .	1.6	68
42	Cosmic strings and cold matter. <i>Astrophysical Journal</i> , 1986, 303, L21.	1.6	68
43	A Geometrical Test of the Cosmological Energy Contents Using the $L[CLC]y/[CLC]^{\pm}$ Forest. <i>Astrophysical Journal</i> , 1999, 511, L5-L8.	1.6	68
44	Perturbations from cosmic strings in cold dark matter. <i>Physical Review Letters</i> , 1992, 68, 2121-2124.	2.9	67
45	Karhunen&Looeve Estimation of the Power Spectrum Parameters from the Angular Distribution of Galaxies in Early Sloan Digital Sky Survey Data. <i>Astrophysical Journal</i> , 2003, 591, 1-11.	1.6	65
46	The implications of the COBE diffuse microwave radiation results for cosmic strings. <i>Astrophysical Journal</i> , 1992, 399, L5.	1.6	64
47	Loitering universe. <i>Astrophysical Journal</i> , 1992, 385, 1.	1.6	63
48	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L33.	3.0	55
49	Weak&Lensing Measurements of 42 SDSS/RASS Galaxy Clusters. <i>Astrophysical Journal</i> , 2001, 554, 881-887.	1.6	53
50	Decay of long-lived particles in the early universe. <i>Astrophysical Journal</i> , 1983, 269, 1.	1.6	53
51	Isolating Geometry in Weak&Lensing Measurements. <i>Astrophysical Journal</i> , 2005, 635, 806-820.	1.6	52
52	Large Angular Scale Anisotropy in Cosmic Microwave Background Induced by Cosmic Strings. <i>Physical Review Letters</i> , 1996, 77, 3061-3065.	2.9	49
53	Cosmic string with a light massive neutrino. <i>Physical Review Letters</i> , 1992, 69, 2615-2618.	2.9	47
54	Did the universe recombine?. <i>Astrophysical Journal</i> , 1991, 371, 8.	1.6	42

#	ARTICLE	IF	CITATIONS
55	Dissipationless clustering of neutrinos in cosmic-string-induced wakes. <i>Physical Review D</i> , 1990, 41, 1764-1774.	1.6	40
56	Higher Order Moments of the Angular Distribution of Galaxies from Early Sloan Digital Sky Survey Data. <i>Astrophysical Journal</i> , 2002, 570, 75-85.	1.6	38
57	A new method of measuring the cluster peculiar velocity power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 884-888.	1.6	32
58	The universe between $Z = 10$ and $Z = 1000$ - Spectral constraints on reheating. <i>Astrophysical Journal</i> , 1986, 300, 1.	1.6	30
59	COSMIC STRINGS, HOT DARK MATTER AND THE LARGE-SCALE STRUCTURE OF THE UNIVERSE. <i>International Journal of Modern Physics A</i> , 1990, 05, 1633-1651.	0.5	28
60	The Tianlai Cylinder Pathfinder array: System functions and basic performance analysis. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	2.0	28
61	Is the great attractor really a great wall?. <i>Astrophysical Journal</i> , 1989, 339, L13.	1.6	27
62	New limits on charged dark matter from large-scale coherent magnetic fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 003-003.	1.9	26
63	The Tianlai dish pathfinder array: design, operation, and performance of a prototype transit radio interferometer. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 3455-3482.	1.6	23
64	The Effect of a Nonthermal Tail on the Sunyaev-Zeldovich Effect in Clusters of Galaxies. <i>Astrophysical Journal</i> , 2000, 535, L71-L74.	1.6	22
65	THE SLOAN NEARBY CLUSTER WEAK LENSING SURVEY. <i>Astrophysical Journal</i> , 2009, 702, L110-L113.	1.6	20
66	A DARK ENERGY CAMERA SEARCH FOR MISSING SUPERGIANTS IN THE LMC AFTER THE ADVANCED LIGO GRAVITATIONAL-WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L34.	3.0	20
67	Analysis of small-scale microwave background radiation anisotropy in the presence of foreground contamination. <i>Astrophysical Journal</i> , 1994, 433, 440.	1.6	15
68	Beyond the small-angle approximation for MBR anisotropy from seeds. <i>Physical Review D</i> , 1995, 51, 1465-1478.	1.6	14
69	Large-scale microwave anisotropy from gravitating seeds. <i>Astrophysical Journal</i> , 1992, 395, L55.	1.6	14
70	Texture-induced microwave background anisotropies. <i>Physical Review D</i> , 1994, 50, 2469-2478.	1.6	13
71	Parameterization of temperature and spectral distortions in future CMB experiments. <i>General Relativity and Gravitation</i> , 2014, 46, 1.	0.7	13
72	Minimal microwave anisotropy from perturbations induced at late times. <i>Astrophysical Journal</i> , 1994, 420, 9.	1.6	12

#	ARTICLE	IF	CITATIONS
73	Dark energy survey operations: years 4 and 5. , 2018, , .		11
74	SNAP Telescope. , 2004, , .		10
75	MEASURING SPACETIME GEOMETRY OVER THE AGES. International Journal of Modern Physics D, 2012, 21, 1242017.	0.9	10
76	No very large scale structure in an open universe. Physical Review D, 1995, 52, 3248-3264.	1.6	8
77	Weak Lensing and the Sloan Digital Sky Survey. , 1996, , 75-80.		7
78	Development of NIR detectors and science-driven requirements for SNAP. , 2006, 6265, 1034.		6
79	Simulation and Testing of a Linear Array of Modified Four-Square Feed Antennas for the Tianlai Cylindrical Radio Telescope. Journal of Astronomical Instrumentation, 2017, 06, 1750003.	0.8	6
80	An Eigenvector-Based Method of Radio Array Calibration and Its Application to the Tianlai Cylinder Pathfinder. Astronomical Journal, 2019, 157, 34.	1.9	6
81	Data processing pipeline for Tianlai experiment. Astronomy and Computing, 2021, 34, 100439.	0.8	6
82	Microwave background radiation anisotropy from scalar field gradients. Physical Review D, 1993, 48, 2421-2430.	1.6	5
83	Measuring velocities using the CMB and LSS. New Astronomy Reviews, 2006, 50, 918-924.	5.2	5
84	Confirmation of the Copernican principle through the anisotropic kinetic Sunyaev Zel'dovich effect. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 5138-5145.	1.6	5
85	Reducing zero-point systematics in dark energy supernova experiments. Astroparticle Physics, 2011, 34, 847-857.	1.9	4
86	The CMBR Spectrum. , 1997, , 241-270.		4
87	First Structure Formation. II. Cosmic String plus Hot Dark Matter Models. Astrophysical Journal, 1998, 508, 530-534.	1.6	4
88	An integral field spectrograph for SNAP. , 2004, , .		3
89	Arc minute gravitational lenses and cosmic strings. Nature, 1986, 324, 392-392.	13.7	2
90	On the Meaning of $\hat{\Gamma}^T/Ta$. Annals of the New York Academy of Sciences, 1993, 688, 824-826.	1.8	2

#	ARTICLE	IF	CITATIONS
91	AlgoSCR: an algorithm for solar contamination removal from radio interferometric data. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3520-3537.	1.6	1
92	Cosmic String Wakes and Large-Scale Structure. Symposium - International Astronomical Union, 1988, 130, 562-562.	0.1	0
93	Weak Lensing And The Sloan Digital Sky Survey. Symposium - International Astronomical Union, 1996, 173, 75-80.	0.1	0
94	Astroparticle physics: Working group report. Pramana - Journal of Physics, 1998, 51, 273-286.	0.9	0
95	Analysing transit telescopes with the m-mode formalism. , 2014, , .		0
96	Cosmic Strings and the Large-Scale Structure. , 1988, , 285-287.		0
97	Cosmic String Wakes and Large-Scale Structure. , 1988, , 562-562.		0
98	Cosmic strings confront COBE. , 1995, , 251-258.		0