

Stephanie Escoffier

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	<i><i>Euclid</i></i> : Forecasts from redshift-space distortions and the Alcock-Paczynski test with cosmic voids. <i>Astronomy and Astrophysics</i> , 2022, 658, A20.	5.1	25
2	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 35.	7.7	405
3	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: growth rate of structure measurement from cosmic voids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 186-203.	4.4	21
4	Angular systematics-free cosmological analysis of galaxy clustering in configuration space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1341-1356.	4.4	0
5	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: N-body mock challenge for the eBOSS emission line galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4667-4686.	4.4	22
6	Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Cosmological implications from two decades of spectroscopic surveys at the Apache Point Observatory. <i>Physical Review D</i> , 2021, 103, .	4.7	527
7	Gravitation and the Universe from large scale-structures. <i>Experimental Astronomy</i> , 2021, 51, 1623-1640.	3.7	5
8	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: measurement of the BAO and growth rate of structure of the luminous red galaxy sample from the anisotropic correlation function between redshifts 0.6 and 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 736-762.	4.4	154
9	The completed SDSS-IV extended baryon oscillation spectroscopic survey: geometry and growth from the anisotropic void galaxy correlation function in the luminous red galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 4140-4157.	4.4	39
10	The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Large-scale structure catalogues for cosmological analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2354-2371.	4.4	100
11	The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: measurement of the BAO and growth rate of structure of the luminous red galaxy sample from the anisotropic power spectrum between redshifts 0.6 and 1.0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2492-2531.	4.4	137
12	The clustering of the SDSS-IV extended baryon oscillation spectroscopic survey DR16 luminous red galaxy and emission-line galaxy samples: cosmic distance and structure growth measurements using multiple tracers in configuration space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3470-3483.	4.4	29
13	Constraints on the growth of structure around cosmic voids in eBOSS DR14. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 012-012.	5.4	29
14	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 3.	7.7	826
15	The completed SDSS-IV extended baryon oscillation spectroscopic survey: growth rate of structure measurement from anisotropic clustering analysis in configuration space between redshift 0.6 and 1.1 for the emission-line galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5527-5546.	4.4	80
16	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 23.	7.7	299
17	Multivariate analysis of cosmic void characteristics. <i>Astronomy and Computing</i> , 2019, 27, 53-62.	1.7	14
18	Testing gravity with galaxy-galaxy lensing and redshift-space distortions using CFHT-Stripe 82, CFHTLenS, and BOSS CMASS datasets. <i>Astronomy and Astrophysics</i> , 2019, 627, A137.	5.1	18

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19	The scale of cosmic homogeneity as a standard ruler. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 014-014.	5.4	10
20	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 42.	7.7	796
21	Integration and testing of the DESI multi-object spectrograph: performance tests and results for the first unit out of ten. , 2018, , .		7
22	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 25.	7.7	406
23	Multipole analysis of redshift-space distortions around cosmic voids. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 014-014.	5.4	52
24	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. <i>Astronomical Journal</i> , 2017, 154, 28.	4.7	1,100
25	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological analysis of the DR12 galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 2617-2652.	4.4	1,906
26	SDSS-IV eBOSS emission-line galaxy pilot survey. <i>Astronomy and Astrophysics</i> , 2016, 592, A121.	5.1	33
27	Constraints on Cosmology and Gravity from the Dynamics of Voids. <i>Physical Review Letters</i> , 2016, 117, 091302.	7.8	121
28	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: single-probe measurements from CMASS anisotropic galaxy clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3781-3793.	4.4	88
29	Power law cosmology model comparison with CMB scale information. <i>Physical Review D</i> , 2016, 94, .	4.7	23
30	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: OVERVIEW AND EARLY DATA. <i>Astronomical Journal</i> , 2016, 151, 44.	4.7	582
31	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 12.	7.7	1,877
32	The 0.1 z 1.65 evolution of the bright end of the [O II] luminosity function. <i>Astronomy and Astrophysics</i> , 2015, 575, A40.	5.1	74
33	ANTARES constrains a blazar origin of two IceCube PeV neutrino events. <i>Astronomy and Astrophysics</i> , 2015, 576, L8.	5.1	15
34	The clustering of Galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: potential systematics in fitting of baryon acoustic feature. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2-28.	4.4	22
35	Searches for clustering in the time integrated skymap of the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 001-001.	5.4	9
36	SEARCHES FOR POINT-LIKE AND EXTENDED NEUTRINO SOURCES CLOSE TO THE GALACTIC CENTER USING THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , 2014, 786, L5.	8.3	88

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37	A search for neutrino emission from the Fermi bubbles with the ANTARES telescope. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	25
38	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: baryon acoustic oscillations in the Data Releases 10 and 11 Galaxy samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 24-62.	4.4	1,168
39	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 17.	7.7	820
40	A search for time dependent neutrino emission from microquasars with the ANTARES telescope. <i>Journal of High Energy Astrophysics</i> , 2014, 3-4, 9-17.	6.7	9
41	Constraining the neutrino emission of gravitationally lensed Flat-Spectrum Radio Quasars with ANTARES data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 017-017.	5.4	8
42	Measurement of the atmospheric $\hat{1}\frac{1}{2}$ $\hat{1}\frac{1}{4}$ energy spectrum from 100 GeV to 200 TeV with the ANTARES telescope. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	51
43	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. <i>Astroparticle Physics</i> , 2013, 42, 7-14.	4.3	28
44	First results on dark matter annihilation in the Sun using the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 032-032.	5.4	20
45	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 008-008.	5.4	32
46	Stochastic bias of colour-selected BAO tracers by joint clustering"weak lensing analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 1146-1160.	4.4	29
47	Investigating emission-line galaxy surveys with the Sloan Digital Sky Survey infrastructure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1498-1517.	4.4	41
48	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. <i>Astronomical Journal</i> , 2013, 145, 10.	4.7	1,571
49	SEARCH FOR A CORRELATION BETWEEN ANTARES NEUTRINOS AND PIERRE AUGER OBSERVATORY UHECRs ARRIVAL DIRECTIONS. <i>Astrophysical Journal</i> , 2013, 774, 19.	4.5	12
50	Search for muon neutrinos from gamma-ray bursts with the ANTARES neutrino telescope using 2008 to 2011 data. <i>Astronomy and Astrophysics</i> , 2013, 559, A9.	5.1	57
51	An optimized correlation function estimator for galaxy surveys. <i>Astronomy and Astrophysics</i> , 2013, 554, A131.	5.1	22
52	Expansion cone for the 3-inch PMTs of the KM3NeT optical modules. <i>Journal of Instrumentation</i> , 2013, 8, T03006-T03006.	1.2	15
53	Deep-Sea Bioluminescence Blooms after Dense Water Formation at the Ocean Surface. <i>PLoS ONE</i> , 2013, 8, e67523.	2.5	58
54	The positioning system of the ANTARES Neutrino Telescope. <i>Journal of Instrumentation</i> , 2012, 7, T08002-T08002.	1.2	48

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55	SEARCH FOR COSMIC NEUTRINO POINT SOURCES WITH FOUR YEARS OF DATA FROM THE ANTARES TELESCOPE. <i>Astrophysical Journal</i> , 2012, 760, 53. Final analysis of proton form factor ratio data at $Q^2 = 4.8, \text{ and } 5.6 \text{ GeV}$	4.5	104
56	Measurement of atmospheric neutrino oscillations with the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 714, 224-230.	4.1	63
57	Search for neutrino emission from gamma-ray flaring blazars with the ANTARES telescope. <i>Astroparticle Physics</i> , 2012, 36, 204-210.	4.3	19
58	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 21.	7.7	1,158
59	The ANTARES telescope neutrino alert system. <i>Astroparticle Physics</i> , 2012, 35, 530-536.	4.3	39
60	Measurement of the group velocity of light in sea water at the ANTARES site. <i>Astroparticle Physics</i> , 2012, 35, 552-557.	4.3	4
61	Search for relativistic magnetic monopoles with the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2012, 35, 634-640.	4.3	43
62	A method for detection of muon induced electromagnetic showers with the ANTARES detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 675, 56-62.	1.6	2
63	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2011, 142, 72.	4.7	1,700
64	Acoustic and optical variations during rapid downward motion episodes in the deep north-western Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 875-884.	1.4	15
65	FIRST SEARCH FOR POINT SOURCES OF HIGH-ENERGY COSMIC NEUTRINOS WITH THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , 2011, 743, L14.	8.3	43
66	ANTARES: The first undersea neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 656, 11-38.	1.6	441
67	A fast algorithm for muon track reconstruction and its application to the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2011, 34, 652-662.	4.3	80
68	Search for neutrinos from transient sources with the ANTARES telescope and optical follow-up observations (TAToO). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 626-627, S183-S184.	1.6	1
69	AMADEUS – The acoustic neutrino detection test system of the ANTARES deep-sea neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 626-627, 128-143.	1.6	58
70	Time calibration of the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2011, 34, 539-549.	4.3	85
71	Search for a diffuse flux of high-energy neutrinos with the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 696, 16-22.	4.1	59

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73	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2011, 193, 29.	7.7	1,166
74	Search for neutrinos from gamma-ray bursts with the ANTARES telescope. , 2010, , .		0
75	Measurement of the atmospheric muon flux with a 4GeV threshold in the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2010, 33, 86-90.	4.3	34
76	Zenith distribution and flux of atmospheric muons measured with the 5-line ANTARES detector. <i>Astroparticle Physics</i> , 2010, 34, 179-184.	4.3	53
77	Performance of the front-end electronics of the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 622, 59-73.	1.6	51
78	Performance of the first ANTARES detector line. <i>Astroparticle Physics</i> , 2009, 31, 277-283.	4.3	47
79	Recoil polarization measurements for neutral pion electroproduction at $Q^2=1(\text{GeV}/c)^2$ near the ρ^0 resonance. <i>Physical Review C</i> , 2007, 75, .	2.9	34
80	The ANTARES optical beacon system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 578, 498-509.	1.6	61
81	Studies of a full-scale mechanical prototype line for the ANTARES neutrino telescope and tests of a prototype instrument for deep-sea acoustic measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 581, 695-708.	1.6	13
82	The data acquisition system for the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 570, 107-116.	1.6	138
83	First results of the Instrumentation Line for the deep-sea ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2006, 26, 314-324.	4.3	99
84	Accurate measurement of the electron beam polarization in JLab Hall A using Compton polarimetry. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 551, 563-574.	1.6	24
85	Recoil Polarization for ρ^0 Excitation in Pion Electroproduction. <i>Physical Review Letters</i> , 2005, 95, 102001.	7.8	56
86	Unique electron polarimeter analyzing power comparison and precision spin-based energy measurement. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2004, 7, .	1.8	28
87	Basic instrumentation for Hall A at Jefferson Lab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 522, 294-346.	1.6	215
88	Parity-violating electroweak asymmetry in e^-p scattering. <i>Physical Review C</i> , 2004, 69, .	2.9	181
89	Measurement of G_{E_p}/G_{M_p} in $e^+p \rightarrow e^+p\gamma$ at $Q^2=5.6\text{GeV}^2$. <i>Physical Review Letters</i> , 2002, 88, 092301.	7.8	588
90	First electron beam polarization measurements with a Compton polarimeter at Jefferson Laboratory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 539, 8-12.	4.1	30

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91	New measurement of parity violation in elastic electron-proton scattering and implications for strange form factors. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 509, 211-216.	4.1	94
92	Compton scattering off polarized electrons with a high-finesse Fabry-Pérot Cavity at JLab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 459, 412-425.	1.6	38
93	A photon calorimeter using lead tungstate crystals for the CEBAF Hall A Compton polarimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 443, 231-237.	1.6	12
94	Measurement of the neutral weak form factors of the proton. <i>Physical Review Letters</i> , 1999, 82, 1096-1100.	7.8	123
95	The Completed SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: <i>N</i> -body Mock Challenge for Galaxy Clustering Measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	19