

Jeffrey A Newman

List of Publications by Year in descending order

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109
papers

20,663
citations

19657

61
h-index

28297

105
g-index

109
all docs

109
docs citations

109
times ranked

10226
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 35.	7.7	1,590
3	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY—THE <i>HUBBLE SPACE TELESCOPE</i> OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 36.	7.7	1,549
4	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
5	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
6	Overview of the DESI Legacy Imaging Surveys. <i>Astronomical Journal</i> , 2019, 157, 168.	4.7	825
7	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
8	The DEIMOS spectrograph for the Keck II Telescope: integration and testing. , 2003, 4841, 1657.		629
9	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: OVERVIEW AND EARLY DATA. <i>Astronomical Journal</i> , 2016, 151, 44.	4.7	582
10	THE DEEP2 GALAXY REDSHIFT SURVEY: DESIGN, OBSERVATIONS, DATA REDUCTION, AND REDSHIFTS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 208, 5.	7.7	544
11	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
12	THE EVOLUTION OF THE GALAXY REST-FRAME ULTRAVIOLET LUMINOSITY FUNCTION OVER THE FIRST TWO BILLION YEARS. <i>Astrophysical Journal</i> , 2015, 810, 71.	4.5	524
13	Science Objectives and Early Results of the DEEP2 Redshift Survey. , 2003, , .		420
14	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
15	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
16	IMPROVED ESTIMATES OF THE MILKY WAY—S STELLAR MASS AND STAR FORMATION RATE FROM HIERARCHICAL BAYESIAN META-ANALYSIS. <i>Astrophysical Journal</i> , 2015, 806, 96.	4.5	329
17	THE DATA REDUCTION PIPELINE FOR THE SDSS-IV MaNGA IFU GALAXY SURVEY. <i>Astronomical Journal</i> , 2016, 152, 83.	4.7	323
18	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: first measurement of baryon acoustic oscillations between redshift 0.8 and 2.2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4773-4794.	4.4	301

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19	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
20	A CRITICAL ASSESSMENT OF PHOTOMETRIC REDSHIFT METHODS: A CANDELS INVESTIGATION. <i>Astrophysical Journal</i> , 2013, 775, 93.	4.5	290
21	SMOOTH(ER) STELLAR MASS MAPS IN CANDELS: CONSTRAINTS ON THE LONGEVITY OF CLUMPS IN HIGH-REDSHIFT STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2012, 753, 114.	4.5	271
22	On the Origin of [Oii] Emission in Red Sequence and Poststarburst Galaxies. <i>Astrophysical Journal</i> , 2006, 648, 281-298.	4.5	262
23	The Team Keck Treasury Redshift Survey of the GOODS-North Field. <i>Astronomical Journal</i> , 2004, 127, 3121-3136.	4.7	255
24	The Sloan Digital Sky Survey Quasar Catalog: Sixteenth Data Release. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 8.	7.7	248
25	The DEEP2 Galaxy Redshift Survey: the role of galaxy environment in the cosmic star formation history. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 383, 1058-1078.	4.4	223
26	Calibrating Redshift Distributions beyond Spectroscopic Limits with Cross-Correlations. <i>Astrophysical Journal</i> , 2008, 684, 88-101.	4.5	204
27	Dependence of galaxy quenching on halo mass and distance from its centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 3306-3326.	4.4	169
28	INSPIRALLING SUPERMASSIVE BLACK HOLES: A NEW SIGNPOST FOR GALAXY MERGERS. <i>Astrophysical Journal</i> , 2009, 698, 956-965.	4.5	163
29	The DEEP3 Galaxy Redshift Survey: the impact of environment on the size evolution of massive early-type galaxies at intermediate redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 3018-3027.	4.4	155
30	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
31	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: QUASAR TARGET SELECTION. <i>Astrophysical Journal, Supplement Series</i> , 2015, 221, 27.	7.7	153
32	Evolution and Color Dependence of the Galaxy Angular Correlation Function: 350,000 Galaxies in 5 Square Degrees. <i>Astrophysical Journal</i> , 2004, 617, 765-781.	4.5	152
33	The DEEP2 Galaxy Redshift Survey: Clustering of Galaxies in Early Data. <i>Astrophysical Journal</i> , 2004, 609, 525-538.	4.5	148
34	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: BAO and RSD measurements from anisotropic clustering analysis of the quasar sample in configuration space between redshift 0.8 and 2.2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1201-1221.	4.4	141
35	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
36	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: BAO and RSD measurements from the anisotropic power spectrum of the quasar sample between redshift 0.8 and 2.2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 210-229.	4.4	131

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37	CANDELS Multi-wavelength Catalogs: Source Identification and Photometry in the CANDELS Extended Groth Strip. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 32.	7.7	127
38	The SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations at Redshift of 0.72 with the DR14 Luminous Red Galaxy Sample. <i>Astrophysical Journal</i> , 2018, 863, 110.	4.5	125
39	The redshift and mass dependence on the formation of the Hubble sequence at $z \gtrsim 1$ from CANDELS/UDS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 1185-1201.	4.4	121
40	The CANDELS/SHARDS Multiwavelength Catalog in GOODS-N: Photometry, Photometric Redshifts, Stellar Masses, Emission-line Fluxes, and Star Formation Rates. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 22.	7.7	111
41	1.75 h^{-1} kpc SEPARATION DUAL ACTIVE GALACTIC NUCLEI AT $z = 0.36$ IN THE COSMOS FIELD. <i>Astrophysical Journal</i> , 2009, 702, L82-L86.	4.5	107
42	A CRITICAL ASSESSMENT OF STELLAR MASS MEASUREMENT METHODS. <i>Astrophysical Journal</i> , 2015, 808, 101.	4.5	106
43	KILOPARSEC-SCALE SPATIAL OFFSETS IN DOUBLE-PEAKED NARROW-LINE ACTIVE GALACTIC NUCLEI. I. MARKERS FOR SELECTION OF COMPELLING DUAL ACTIVE GALACTIC NUCLEUS CANDIDATES. <i>Astrophysical Journal</i> , 2012, 753, 42.	4.5	103
44	THE DEEP3 GALAXY REDSHIFT SURVEY: KECK/DEIMOS SPECTROSCOPY IN THE GOODS-N FIELD. <i>Astrophysical Journal, Supplement Series</i> , 2011, 193, 14.	7.7	100
45	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
46	BREAKING THE CURVE WITH CANDELS: A BAYESIAN APPROACH TO REVEAL THE NON-UNIVERSALITY OF THE DUST-ATTENUATION LAW AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2016, 827, 20.	4.5	98
47	The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: measurement of the BAO and growth rate of structure of the emission line galaxy sample from the anisotropic power spectrum between redshift 0.6 and 1.1. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	91
48	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: LUMINOUS RED GALAXY TARGET SELECTION. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 34.	7.7	87
49	The clustering of DESI-like luminous red galaxies using photometric redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3309-3331.	4.4	85
50	The extended Baryon Oscillation Spectroscopic Survey: a cosmological forecast. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2377-2390.	4.4	83
51	SDSS-IV MaNGA: the spatially resolved stellar initial mass function in ~ 400 early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3954-3982.	4.4	83
52	Galaxy assembly bias on the red sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 1942-1958.	4.4	82
53	Demographics of Star-forming Galaxies since $z \sim 2.5$. I. The UVJ Diagram in CANDELS. <i>Astrophysical Journal</i> , 2018, 858, 100.	4.5	79
54	AEGIS: DEMOGRAPHICS OF X-RAY AND OPTICALLY SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2011, 728, 38.	4.5	78

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55	GROWTH on S190814bv: Deep Synoptic Limits on the Optical/Near-infrared Counterpart to a Neutron Star "Black Hole Merger. <i>Astrophysical Journal</i> , 2020, 890, 131.	4.5	74
56	Galaxy Zoo: CANDELS barred discs and bar fractions... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 3466-3474.	4.4	70
57	Galaxy Zoo: quantitative visual morphological classifications for 48,000 galaxies from CANDELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4420-4447.	4.4	70
58	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. <i>Astrophysical Journal</i> , 2020, 905, 145.	4.5	69
59	CosmoDC2: A Synthetic Sky Catalog for Dark Energy Science with LSST. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 26.	7.7	67
60	Spectroscopic needs for imaging dark energy experiments. <i>Astroparticle Physics</i> , 2015, 63, 81-100.	4.3	66
61	The DEEP2 Galaxy Redshift Survey: AEGIS Observations of a Dual AGN at $z = 0.7$. <i>Astrophysical Journal</i> , 2007, 660, L23-L26.	4.5	65
62	Major merging history in CANDELS. I. Evolution of the incidence of massive galaxy "galaxy pairs from $z=3$ to $z=1/4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1549-1573.	4.4	65
63	Space Densities and Emissivities of Active Galactic Nuclei at $z > 4$. <i>Astrophysical Journal</i> , 2019, 884, 19.	4.5	64
64	The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2054-2084.	4.4	63
65	THREE-POINT CORRELATION FUNCTIONS OF SDSS GALAXIES: LUMINOSITY AND COLOR DEPENDENCE IN REDSHIFT AND PROJECTED SPACE. <i>Astrophysical Journal</i> , 2011, 726, 13.	4.5	62
66	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: large-scale structure catalogues and measurement of the isotropic BAO between redshift 0.6 and 1.1 for the Emission Line Galaxy Sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3254-3274.	4.4	62
67	NEAR-ULTRAVIOLET SPECTROSCOPY OF STAR-FORMING GALAXIES FROM eBOSS: SIGNATURES OF UBIQUITOUS GALACTIC-SCALE OUTFLOWS. <i>Astrophysical Journal</i> , 2015, 815, 48.	4.5	52
68	The Clustering of Luminous Red Galaxies at $z=1/4-0.7$ from EBOSS and BOSS Data. <i>Astrophysical Journal</i> , 2017, 848, 76.	4.5	50
69	Preliminary Target Selection for the DESI Luminous Red Galaxy (LRG) Sample. <i>Research Notes of the AAS</i> , 2020, 4, 181.	0.7	46
70	An ASKAP Search for a Radio Counterpart to the First High-significance Neutron Star "Black Hole Merger LIGO/Virgo S190814bv. <i>Astrophysical Journal Letters</i> , 2019, 887, L13.	8.3	45
71	Scientific Synergy between LSST and <i>Euclid</i> . <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 21.	7.7	44
72	UNVEILING THE MILKY WAY: A NEW TECHNIQUE FOR DETERMINING THE OPTICAL COLOR AND LUMINOSITY OF OUR GALAXY. <i>Astrophysical Journal</i> , 2015, 809, 96.	4.5	43

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73	Tomographic galaxy clustering with the Subaru Hyper Suprime-Cam first year public data release. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 044-044.	5.4	41
74	THE DEEP2 GALAXY REDSHIFT SURVEY: THE VORONOI-DELAUNAY METHOD CATALOG OF GALAXY GROUPS. <i>Astrophysical Journal</i> , 2012, 751, 50.	4.5	40
75	LUMINOUS AND HIGH STELLAR MASS CANDIDATE GALAXIES AT $z \approx 8$ DISCOVERED IN THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal</i> , 2012, 761, 177.	4.5	38
76	Preliminary Target Selection for the DESI Quasar (QSO) Sample. <i>Research Notes of the AAS</i> , 2020, 4, 179.	0.7	38
77	Large-scale Structures in the CANDELS Fields: The Role of the Environment in Star Formation Activity. <i>Astrophysical Journal</i> , 2020, 890, 7.	4.5	37
78	ALMaQUEST. IV. The ALMA-MaNGA QUEnching and STar Formation (ALMaQUEST) Survey. <i>Astrophysical Journal</i> , 2020, 903, 145.	4.5	37
79	Preliminary Target Selection for the DESI Emission Line Galaxy (ELG) Sample. <i>Research Notes of the AAS</i> , 2020, 4, 180.	0.7	34
80	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
81	The SFR $\propto M_{\text{star}}^{\alpha}$ Correlation Extends to Low Mass at High Redshift. <i>Astrophysical Journal</i> , 2018, 866, 120.	4.5	29
82	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
83	Photometric Redshifts for Next-Generation Surveys. <i>Annual Review of Astronomy and Astrophysics</i> , 2022, 60, 363-414.	24.3	27
84	The Origin of Double-peaked Narrow Lines in Active Galactic Nuclei. IV. Association with Galaxy Mergers. <i>Astrophysical Journal</i> , 2018, 867, 66.	4.5	26
85	REDSHIFT MEASUREMENT AND SPECTRAL CLASSIFICATION FOR eBOSS GALAXIES WITH THE REDMONSTER SOFTWARE. <i>Astronomical Journal</i> , 2016, 152, 205.	4.7	25
86	TENTATIVE DETECTION OF QUASAR FEEDBACK FROM WMAP AND SDSS CROSS-CORRELATION. <i>Astrophysical Journal</i> , 2010, 720, 299-305.	4.5	21
87	DOES THE MILKY WAY OBEY SPIRAL GALAXY SCALING RELATIONS?. <i>Astrophysical Journal</i> , 2016, 833, 220.	4.5	21
88	Predictably missing satellites: subhalo abundances in Milky Way-like haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4545-4568.	4.4	21
89	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: a multitracer analysis in Fourier space for measuring the cosmic structure growth and expansion rate. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 33-52.	4.4	20
90	DESCQA: An Automated Validation Framework for Synthetic Sky Catalogs. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 36.	7.7	18

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91	LUMINOUS RED GALAXIES: SELECTION AND CLASSIFICATION BY COMBINING OPTICAL AND INFRARED PHOTOMETRY. <i>Astrophysical Journal</i> , 2015, 803, 105.	4.5	17
92	Galaxy formation and evolution science in the era of the Large Synoptic Survey Telescope. <i>Nature Reviews Physics</i> , 2019, 1, 450-462.	26.6	17
93	Clustering of LRGs in the DECaLS DR8 Footprint: Distance Constraints from Baryon Acoustic Oscillations Using Photometric Redshifts. <i>Astrophysical Journal</i> , 2020, 904, 69.	4.5	17
94	SIZING UP THE MILKY WAY: A BAYESIAN MIXTURE MODEL META-ANALYSIS OF PHOTOMETRIC SCALE LENGTH MEASUREMENTS. <i>Astrophysical Journal</i> , 2016, 831, 71.	4.5	16
95	Selection of Massive Evolved Galaxies at $z \approx 4.5$ in the CANDELS Fields. <i>Astrophysical Journal</i> , 2020, 897, 44.	4.5	16
96	Groups of galaxies in AEGIS: the 200-ksChandraextended X-ray source catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 715-727.	4.4	15
97	Illuminating dark matter halo density profiles without subhaloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2426-2444.	4.4	15
98	Can intrinsic alignments of elongated low-mass galaxies be used to map the cosmic web at high redshift?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 5580-5593.	4.4	13
99	Angular clustering properties of the DESI QSO target selection using DR9 Legacy Imaging Surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3904-3923.	4.4	11
100	Mass functions, luminosity functions, and completeness measurements from clustering redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3059-3077.	4.4	10
101	ATLAS probe: Breakthrough science of galaxy evolution, cosmology, Milky Way, and the Solar System. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	3.4	10
102	X-ray Surface Brightness Profiles of Active Galactic Nuclei in the Extended Groth Strip: Implications for AGN Feedback. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 716-725.	3.1	6
103	Constraining the Milky Way's ultraviolet-to-infrared SED with Gaussian process regression. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4459-4483.	4.4	6
104	X-Ray Surface Brightness Profiles of Optically Selected Active Galactic Nuclei: Comparison with X-Ray AGNs. <i>Astrophysical Journal</i> , 2019, 872, 35.	4.5	5
105	The RR Lyrae Delay-time Distribution: A Novel Perspective on Models of Old Stellar Populations. <i>Astrophysical Journal</i> , 2021, 912, 140.	4.5	3
106	Estimating the distribution of Galaxy Morphologies on a continuous space. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 68-71.	0.0	1
107	X-RAY EMISSION IN NON-AGN GALAXIES AT $z < 1$. <i>Astrophysical Journal</i> , 2015, 806, 136.	4.5	1
108	CLIMBER: Galaxy "Halo Connection Constraints from Next-generation Surveys. <i>Astrophysical Journal</i> , 2022, 925, 180.	4.5	1

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109	Multiplicity Statistics of Stars in the Sagittarius Dwarf Spheroidal Galaxy: Comparison to the Milky Way. <i>Astrophysical Journal Letters</i> , 2022, 933, L18.	8.3	1