

Michael R Blanton

List of Publications by Year in descending order

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26567

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13246
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#	ARTICLE	IF	CITATIONS
1	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.	3.0	405
2	SEGUE-2: Old Milky Way Stars Near and Far. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 60.	3.0	22
3	Chemical Cartography with APOGEE: Mapping Disk Populations with a 2-process Model and Residual Abundances. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 32.	3.0	15
4	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, .	1.6	527
5	SDSS-V Algorithms: Fast, Collision-free Trajectory Planning for Heavily Overlapping Robotic Fiber Positioners. <i>Astronomical Journal</i> , 2021, 161, 92.	1.9	5
6	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: GLAM-QPM mock galaxy catalogues for the emission line galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5251-5262.	1.6	16
7	Covariance-regularized Reconstruction of Data Cubes in Integral Field Spectroscopy and Application to MaNGA Data. <i>Astronomical Journal</i> , 2020, 159, 22.	1.9	4
8	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.	3.0	826
9	Swift/UVOT+MaNGA (SwiM) Value-added Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 11.	3.0	5
10	Marvin: A Tool Kit for Streamlined Access and Visualization of the SDSS-IV MaNGA Data Set. <i>Astronomical Journal</i> , 2019, 158, 74.	1.9	120
11	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.	3.0	299
12	SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Library—First Release. <i>Astrophysical Journal</i> , 2019, 883, 175.	1.6	67
13	The Time-domain Spectroscopic Survey: Target Selection for Repeat Spectroscopy. <i>Astronomical Journal</i> , 2018, 155, 6.	1.9	20
14	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.	1.6	301
15	The Sloan Digital Sky Survey Quasar Catalog: Fourteenth data release. <i>Astronomy and Astrophysics</i> , 2018, 613, A51.	2.1	333
16	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.	3.0	796
17	The Clustering of Luminous Red Galaxies at $z \sim 0.7$ from EBOSS and BOSS Data. <i>Astrophysical Journal</i> , 2017, 848, 76.	1.6	50
18	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.	3.0	406

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19	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. <i>Astronomical Journal</i> , 2017, 154, 28.	1.9	1,100
20	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). <i>Astronomical Journal</i> , 2017, 154, 94.	1.9	1,065
21	The SDSS-IV MaNGA Sample: Design, Optimization, and Usage Considerations. <i>Astronomical Journal</i> , 2017, 154, 86.	1.9	277
22	A Forecast for the Detection of the Power Asymmetry from Galaxy Surveys. <i>Astrophysical Journal</i> , 2017, 850, 41.	1.6	4
23	An Evaluation of Cosmological Models from the Expansion and Growth of Structure Measurements. <i>Astrophysical Journal</i> , 2017, 850, 183.	1.6	55
24	TOWARD AN UNDERSTANDING OF CHANGING-LOOK QUASARS: AN ARCHIVAL SPECTROSCOPIC SEARCH IN SDSS. <i>Astrophysical Journal</i> , 2016, 826, 188.	1.6	106
25	SDSS-IV MaNGA IFS GALAXY SURVEY—SURVEY DESIGN, EXECUTION, AND INITIAL DATA QUALITY. <i>Astronomical Journal</i> , 2016, 152, 197.	1.9	266
26	THE DATA REDUCTION PIPELINE FOR THE SDSS-IV MaNGA IFU GALAXY SURVEY. <i>Astronomical Journal</i> , 2016, 152, 83.	1.9	323
27	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: LUMINOUS RED GALAXY TARGET SELECTION. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 34.	3.0	87
28	IMPROVED SPECTROPHOTOMETRIC CALIBRATION OF THE SDSS-III BOSS QUASAR SAMPLE. <i>Astrophysical Journal</i> , 2016, 831, 157.	1.6	39
29	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: OVERVIEW AND EARLY DATA. <i>Astronomical Journal</i> , 2016, 151, 44.	1.9	582
30	SDSS-IV/MaNGA: SPECTROPHOTOMETRIC CALIBRATION TECHNIQUE. <i>Astronomical Journal</i> , 2016, 151, 8.	1.9	223
31	Cosmological implications of baryon acoustic oscillation measurements. <i>Physical Review D</i> , 2015, 92, .	1.6	487
32	ABUNDANCES, STELLAR PARAMETERS, AND SPECTRA FROM THE SDSS-III/APOGEE SURVEY. <i>Astronomical Journal</i> , 2015, 150, 148.	1.9	344
33	The Sloan Digital Sky Survey Data Transfer Infrastructure. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 397-405.	1.0	9
34	THE TIME DOMAIN SPECTROSCOPIC SURVEY: VARIABLE SELECTION AND ANTICIPATED RESULTS. <i>Astrophysical Journal</i> , 2015, 806, 244.	1.6	49
35	OBSERVING STRATEGY FOR THE SDSS-IV/MaNGA IFU GALAXY SURVEY. <i>Astronomical Journal</i> , 2015, 150, 19.	1.9	278
36	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.	3.0	1,877

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37	OVERVIEW OF THE SDSS-IV MaNGA SURVEY: MAPPING NEARBY GALAXIES AT APACHE POINT OBSERVATORY. <i>Astrophysical Journal</i> , 2015, 798, 7.	1.6	1,119
38	Spectroscopic needs for imaging dark energy experiments. <i>Astroparticle Physics</i> , 2015, 63, 81-100.	1.9	66
39	UNUSUAL BROAD-LINE Mg II EMITTERS AMONG LUMINOUS GALAXIES IN THE BARYON OSCILLATION SPECTROSCOPIC SURVEY. <i>Astrophysical Journal</i> , 2014, 781, 72.	1.6	16
40	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.	1.6	1,168
41	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.	3.0	820
42	THE CLUSTERING OF GALAXIES IN THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY: LUMINOSITY AND COLOR DEPENDENCE AND REDSHIFT EVOLUTION. <i>Astrophysical Journal</i> , 2013, 767, 122.	1.6	77
43	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. <i>Astronomical Journal</i> , 2013, 145, 10.	1.9	1,571
44	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: the low-redshift sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 98-112.	1.6	93
45	The Ionization of the Warm Gas in Early-type Galaxies and Its UV Upturn. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 135-135.	0.0	0
46	THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY: QUASAR TARGET SELECTION FOR DATA RELEASE NINE. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 3.	3.0	246
47	COSMOLOGICAL CONSTRAINTS FROM GALAXY CLUSTERING AND THE MASS-TO-NUMBER RATIO OF GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2012, 745, 16.	1.6	114
48	Optical Properties of the Host Galaxies of Extragalactic Nuclear H ₂ O Masers. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 316-320.	0.0	0
49	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.	3.0	1,158
50	Improving measurements of H(z) and D _A (z) by analysing clustering anisotropies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 3223-3243.	1.6	80
51	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2011, 142, 72.	1.9	1,700
52	GALAXY CLUSTERING IN THE COMPLETED SDSS REDSHIFT SURVEY: THE DEPENDENCE ON COLOR AND LUMINOSITY. <i>Astrophysical Journal</i> , 2011, 736, 59.	1.6	620
53	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2011, 193, 29.	3.0	1,166
54	INVESTIGATION OF THE ERRORS IN SLOAN DIGITAL SKY SURVEY PROPER-MOTION MEASUREMENTS USING SAMPLES OF QUASARS. <i>Astronomical Journal</i> , 2011, 142, 116.	1.9	15

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55	IMPROVED BACKGROUND SUBTRACTION FOR THE SLOAN DIGITAL SKY SURVEY IMAGES. <i>Astronomical Journal</i> , 2011, 142, 31.	1.9	395
56	THE SLOAN DIGITAL SKY SURVEY QUASAR CATALOG. V. SEVENTH DATA RELEASE. <i>Astronomical Journal</i> , 2010, 139, 2360-2373.	1.9	800
57	Physical Properties and Environments of Nearby Galaxies. <i>Annual Review of Astronomy and Astrophysics</i> , 2009, 47, 159-210.	8.1	390
58	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 543-558.	3.0	4,201
59	What have we learned from large spectroscopic surveys?. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 195-204.	0.0	0
60	The Sixth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2008, 175, 297-313.	3.0	1,202
61	An Improved Photometric Calibration of the Sloan Digital Sky Survey Imaging Data. <i>Astrophysical Journal</i> , 2008, 674, 1217-1233.	1.6	496
62	The Sloan Digital Sky Survey Quasar Catalog. IV. Fifth Data Release. <i>Astronomical Journal</i> , 2007, 134, 102-117.	1.9	394
63	K-Corrections and Filter Transformations in the Ultraviolet, Optical, and Near-Infrared. <i>Astronomical Journal</i> , 2007, 133, 734-754.	1.9	1,309
64	The Properties and Luminosity Function of Extremely Low Luminosity Galaxies. <i>Astrophysical Journal</i> , 2005, 631, 208-230.	1.6	335
65	New York University Value-Added Galaxy Catalog: A Galaxy Catalog Based on New Public Surveys. <i>Astronomical Journal</i> , 2005, 129, 2562-2578.	1.9	989
66	The Luminosity and Color Dependence of the Galaxy Correlation Function. <i>Astrophysical Journal</i> , 2005, 630, 1-27.	1.6	653
67	Cosmological Parameters from Eigenmode Analysis of Sloan Digital Sky Survey Galaxy Redshifts. <i>Symposium - International Astronomical Union</i> , 2005, 216, 129-139.	0.1	0
68	Detection of the Baryon Acoustic Peak in the Large-Scale Correlation Function of SDSS Luminous Red Galaxies. <i>Astrophysical Journal</i> , 2005, 633, 560-574.	1.6	3,564
69	SDSS galaxy bias from halo mass-bias relation and its cosmological implications. <i>Physical Review D</i> , 2005, 71, .	1.6	135
70	A New Milky Way Dwarf Galaxy in Ursa Major. <i>Astrophysical Journal</i> , 2005, 626, L85-L88.	1.6	389
71	Cosmological Parameters from Eigenmode Analysis of Sloan Digital Sky Survey Galaxy Redshifts. <i>AIP Conference Proceedings</i> , 2004, .	0.3	2
72	The Second Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2004, 128, 502-512.	1.9	953

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73	An Efficient Targeting Strategy for Multiobject Spectrograph Surveys: the Sloan Digital Sky Survey's Tiling Algorithm. <i>Astronomical Journal</i> , 2003, 125, 2276-2286.	1.9	513
74	Sloan Digital Sky Survey: Early Data Release. <i>Astronomical Journal</i> , 2002, 123, 485-548.	1.9	2,003
75	Spectroscopic Target Selection in the Sloan Digital Sky Survey: The Main Galaxy Sample. <i>Astronomical Journal</i> , 2002, 124, 1810-1824.	1.9	1,556
76	Galaxy Clustering in Early Sloan Digital Sky Survey Redshift Data. <i>Astrophysical Journal</i> , 2002, 571, 172-190.	1.6	520
77	The Effect of Fiber Collisions on the Galaxy Power Spectrum Multipoles. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx185.	1.6	39