Michael Blanton

List of Articles by Year
in descending order

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91 peer-reviewed articles	51,693 peer-reviewed citations	17836 64 peer-reviewed h-index	7338 8.33 score
93 documents	52552 doc citations	23955 64 h-index	26369 citing authors

#	Article	IF	Citations
1	The eROSITA Final Equatorial Depth Survey (eFEDS). Astronomy and Astrophysics, 2025, 698, A132.	4.0	9
2	Quaia, the Gaia-unWISE Quasar Catalog: An All-sky Spectroscopic Quasar Sample. Astrophysical Journal, 2024, 964, 69.	3.5	86
3	Abundance matching analysis of the emission-line galaxy sample in the extended Baryon Oscillation Spectroscopic Survey. Monthly Notices of the Royal Astronomical Society, 2023, 519, 4253-4262.	3.3	7
4	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. Astrophysical Journal, Supplement Series, 2022, 259, 35.	4.9	1,309
5	SEGUE-2: Old Milky Way Stars Near and Far. Astrophysical Journal, Supplement Series, 2022, 259, 60.	4.9	57
6	Chemical Cartography with APOGEE: Mapping Disk Populations with a 2-process Model and Residual Abundances. Astrophysical Journal, Supplement Series, 2022, 260, 32.	4.9	50
7	Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Cosmological implications from two decades of spectroscopic surveys at the Apache Point Observatory. Physical Review D, 2021, 103, .	3.4	1,222
8	SDSS-V Algorithms: Fast, Collision-free Trajectory Planning for Heavily Overlapping Robotic Fiber Positioners. Astronomical Journal, 2021, 161, 92.	3.7	18
9	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: GLAM-QPM mock galaxy catalogues for the emission line galaxy sample. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5251-5262.	3.3	19
10	Covariance-regularized Reconstruction of Data Cubes in Integral Field Spectroscopy and Application to MaNGA Data. Astronomical Journal, 2020, 159, 22.	3.7	6
11	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. Astrophysical Journal, Supplement Series, 2020, 249, 3.	4.9	1,328
12	Swift/UVOT+MaNGA (SwiM) Value-added Catalog. Astrophysical Journal, Supplement Series, 2020, 251, 11.	4.9	8
13	Marvin: A Tool Kit for Streamlined Access and Visualization of the SDSS-IV MaNGA Data Set. Astronomical Journal, 2019, 158, 74.	3.7	207
14	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. Astrophysical Journal, Supplement Series, 2019, 240, 23.	4.9	351
15	SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Library—First Release. Astrophysical Journal, 2019, 883, 175.	3.5	124
16	The Time-domain Spectroscopic Survey: Target Selection for Repeat Spectroscopy. Astronomical Journal, 2018, 155, 6.	3.7	25
17	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. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4773-4794.	3.3	383
18	The Sloan Digital Sky Survey Quasar Catalog: Fourteenth data release. Astronomy and Astrophysics, 2018, 613, A51.	4.0	439

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19	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. Astrophysical Journal, Supplement Series, 2018, 235, 42.	4.9	918
20	The Clustering of Luminous Red Galaxies at $z \sim 0.7$ from EBOSS and BOSS Data. Astrophysical Journal, 2017, 848, 76.	3.5	62
21	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. Astrophysical Journal, Supplement Series, 2017, 233, 25.	4.9	518
22	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	3.7	1,487
23	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). Astronomical Journal, 2017, 154, 94.	3.7	1,685
24	The SDSS-IV MaNGA Sample: Design, Optimization, and Usage Considerations. Astronomical Journal, 2017, 154, 86.	3.7	386
25	A Forecast for the Detection of the Power Asymmetry from Galaxy Surveys. Astrophysical Journal, 2017, 850, 41.	3.5	6
26	The Effect of Fiber Collisions on the Galaxy Power Spectrum Multipoles. Monthly Notices of the Royal Astronomical Society, 2017, , stx185.	3.3	68
27	Inside-out growth or inside-out quenching? Clues from colour gradients of local galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4679-4688.	3.3	11
28	An Evaluation of Cosmological Models from the Expansion and Growth of Structure Measurements. Astrophysical Journal, 2017, 850, 183.	3.5	60
29	TOWARD AN UNDERSTANDING OF CHANGING-LOOK QUASARS: AN ARCHIVAL SPECTROSCOPIC SEARCH IN SDSS. Astrophysical Journal, 2016, 826, 188.	3.5	148
30	SDSS-IV MaNGA IFS GALAXY SURVEY—SURVEY DESIGN, EXECUTION, AND INITIAL DATA QUALITY. Astronomical Journal, 2016, 152, 197.	3.7	333
31	THE DATA REDUCTION PIPELINE FOR THE SDSS-IV MaNGA IFU GALAXY SURVEY. Astronomical Journal, 2016, 152, 83.	3.7	432
32	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: LUMINOUS RED GALAXY TARGET SELECTION. Astrophysical Journal, Supplement Series, 2016, 224, 34.	4.9	96
33	IMPROVED SPECTROPHOTOMETRIC CALIBRATION OF THE SDSS-III BOSS QUASAR SAMPLE. Astrophysical Journal, 2016, 831, 157.	3.5	49
34	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: OVERVIEW AND EARLY DATA. Astronomical Journal, 2016, 151, 44.	3.7	791
35	SDSS-IV/MaNGA: SPECTROPHOTOMETRIC CALIBRATION TECHNIQUE. Astronomical Journal, 2016, 151, 8.	3.7	276
36	Cosmological implications of baryon acoustic oscillation measurements. Physical Review D, 2015, 92, .	3.4	646

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37	ABUNDANCES, STELLAR PARAMETERS, AND SPECTRA FROM THE SDSS-III/APOGEE SURVEY. Astronomical Journal, 2015, 150, 148.	3.7	384
38	The Sloan Digital Sky Survey Data Transfer Infrastructure. Publications of the Astronomical Society of the Pacific, 2015, 127, 397-405.	4.1	10
39	P-MaNGA: GRADIENTS IN RECENT STAR FORMATION HISTORIES AS DIAGNOSTICS FOR GALAXY GROWTH AND DEATH. Astrophysical Journal, 2015, 804, 125.	3.5	78
40	THE TIME DOMAIN SPECTROSCOPIC SURVEY: VARIABLE SELECTION AND ANTICIPATED RESULTS. Astrophysical Journal, 2015, 806, 244.	3.5	53
41	OBSERVING STRATEGY FOR THE SDSS-IV/MaNGA IFU GALAXY SURVEY. Astronomical Journal, 2015, 150, 19.	3.7	344
42	STELLAR METALLICITY GRADIENTS IN SDSS GALAXIES. Astrophysical Journal, 2015, 808, 26.	3.5	15
43	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2015, 219, 12.	4.9	2,250
44	OVERVIEW OF THE SDSS-IV MaNGA SURVEY: MAPPING NEARBY GALAXIES AT APACHE POINT OBSERVATORY. Astrophysical Journal, 2015, 798, 7.	3.5	1,582
45	Spectroscopic needs for imaging dark energy experiments. Astroparticle Physics, 2015, 63, 81-100.	2.9	87
46	UNUSUAL BROAD-LINE Mg II EMITTERS AMONG LUMINOUS GALAXIES IN THE BARYON OSCILLATION SPECTROSCOPIC SURVEY. Astrophysical Journal, 2014, 781, 72.	3.5	19
47	CANNIBALIZATION AND REBIRTH IN THE NGC 5387 SYSTEM. I. THE STELLAR STREAM AND STAR-FORMING REGION. Astrophysical Journal, 2014, 790, 117.	3.5	12
48	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: baryon acoustic oscillations in the Data Releases 10 and 11 Galaxy samples. Monthly Notices of the Royal Astronomical Society, 2014, 441, 24-62.	3.3	1,385
49	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. Astrophysical Journal, Supplement Series, 2014, 211, 17.	4.9	873
50	THE CLUSTERING OF GALAXIES IN THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY: LUMINOSITY AND COLOR DEPENDENCE AND REDSHIFT EVOLUTION. Astrophysical Journal, 2013, 767, 122.	3.5	82
51	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. Astronomical Journal, 2013, 145, 10.	3.7	1,942
52	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: the low-redshift sample. Monthly Notices of the Royal Astronomical Society, 2013, 429, 98-112.	3.3	101
53	PRIMUS: CONSTRAINTS ON STAR FORMATION QUENCHING AND GALAXY MERGING, AND THE EVOLUTION OF THE STELLAR MASS FUNCTION FROMz= 0-1. Astrophysical Journal, 2013, 767, 50.	3.5	506
54	THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY: QUASAR TARGET SELECTION FOR DATA RELEASE NINE. Astrophysical Journal, Supplement Series, 2012, 199, 3.	4.9	265

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55	COSMOLOGICAL CONSTRAINTS FROM GALAXY CLUSTERING AND THE MASS-TO-NUMBER RATIO OF GALAXY CLUSTERS. Astrophysical Journal, 2012, 745, 16.	3.5	131
56	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. Astrophysical Journal, Supplement Series, 2012, 203, 21.	4.9	1,289
57	Improving measurements of H(z) and DA (z) by analysing clustering anisotropies. Monthly Notices of the Royal Astronomical Society, 2012, 419, 3223-3243.	3.3	85
58	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. Astronomical Journal, 2011, 142, 72.	3.7	1,934
59	OPTICAL PROPERTIES OF HOST GALAXIES OF EXTRAGALACTIC NUCLEAR WATER MASERS. Astrophysical Journal, 2011, 742, 73.	3.5	31
60	GALAXY CLUSTERING IN THE COMPLETED SDSS REDSHIFT SURVEY: THE DEPENDENCE ON COLOR AND LUMINOSITY. Astrophysical Journal, 2011, 736, 59.	3.5	726
61	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2011, 193, 29.	4.9	1,292
62	INVESTIGATION OF THE ERRORS IN SLOAN DIGITAL SKY SURVEY PROPER-MOTION MEASUREMENTS USING SAMPLES OF QUASARS. Astronomical Journal, 2011, 142, 116.	3.7	15
63	IMPROVED BACKGROUND SUBTRACTION FOR THE SLOAN DIGITAL SKY SURVEY IMAGES. Astronomical Journal, 2011, 142, 31.	3.7	526
64	THE SLOAN DIGITAL SKY SURVEY QUASAR CATALOG. V. SEVENTH DATA RELEASE. Astronomical Journal, 2010, 139, 2360-2373.	3.7	873
65	Physical Properties and Environments of Nearby Galaxies. Annual Review of Astronomy and Astrophysics, 2009, 47, 159-210.	22.4	470
66	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. Astrophysical Journal, Supplement Series, 2009, 182, 543-558.	4.9	4,746
67	SDSS galaxy clustering: luminosity and colour dependence and stochasticity. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1635-1655.	3.3	93
68	The Sixth Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, Supplement Series, 2008, 175, 297-313.	4.9	1,271
69	An Improved Photometric Calibration of the Sloan Digital Sky Survey Imaging Data. Astrophysical Journal, 2008, 674, 1217-1233.	3.5	526
70	The Sloan Digital Sky Survey Quasar Catalog. IV. Fifth Data Release. Astronomical Journal, 2007, 134, 102-117.	3.7	409
71	K-Corrections and Filter Transformations in the Ultraviolet, Optical, and Near-Infrared. Astronomical Journal, 2007, 133, 734-754.	3.7	1,472
72	SDSS Preburst Observations of Recent Gamma-Ray Burst Fields. Publications of the Astronomical Society of the Pacific, 2006, 118, 733-739.	4.1	3

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73	Galaxies in SDSS and DEEP2: A Quiet Life on the Blue Sequence?. Astrophysical Journal, 2006, 648, 268-280.	3.5	115
74	Density profiles of galaxy groups and clusters from SDSS galaxy-galaxy weak lensing. Monthly Notices of the Royal Astronomical Society, 2006, 372, 758-776.	3.3	209
75	The Properties and Luminosity Function of Extremely Low Luminosity Galaxies. Astrophysical Journal, 2005, 631, 208-230.	3.5	357
76	A New Milky Way Companion: Unusual Globular Cluster or Extreme Dwarf Satellite?. Astronomical Journal, 2005, 129, 2692-2700.	3.7	329
77	New York University Value-Added Galaxy Catalog: A Galaxy Catalog Based on New Public Surveys. Astronomical Journal, 2005, 129, 2562-2578.	3.7	1,088
78	The Luminosity and Color Dependence of the Galaxy Correlation Function. Astrophysical Journal, 2005, 630, 1-27.	3.5	714
79	Modeling Complete Distributions with Incomplete Observations: The Velocity Ellipsoid fromHipparcosData. Astrophysical Journal, 2005, 629, 268-275.	3.5	66
80	Detection of the Baryon Acoustic Peak in the Large-Scale Correlation Function of SDSS Luminous Red Galaxies. Astrophysical Journal, 2005, 633, 560-574.	3.5	4,368
81	SDSS galaxy bias from halo mass-bias relation and its cosmological implications. Physical Review D, 2005, 71, .	3.4	138
82	A New Milky Way Dwarf Galaxy in Ursa Major. Astrophysical Journal, 2005, 626, L85-L88.	3.5	421
83	The Second Data Release of the Sloan Digital Sky Survey. Astronomical Journal, 2004, 128, 502-512.	3.7	1,039
84	An Efficient Targeting Strategy for Multiobject Spectrograph Surveys: the Sloan Digital Sky Survey "Tiling" Algorithm. Astronomical Journal, 2003, 125, 2276-2286.	3.7	525
85	Estimating Fixed-Frame Galaxy Magnitudes in the Sloan Digital Sky Survey. Astronomical Journal, 2003, 125, 2348-2360.	3.7	466
86	Sloan Digital Sky Survey: Early Data Release. Astronomical Journal, 2002, 123, 485-548.	3.7	2,094
87	Spectroscopic Target Selection in the Sloan Digital Sky Survey: The Main Galaxy Sample. Astronomical Journal, 2002, 124, 1810-1824.	3.7	1,709
88	Galaxy Clustering in Early Sloan Digital Sky Survey Redshift Data. Astrophysical Journal, 2002, 571, 172-190.	3.5	539
89	The Greisen–Zatzepin–Kuzmin feature in our neighborhood of the universe. Astroparticle Physics, 2001, 15, 275-286.	2.9	52
90	Time Evolution of Galaxy Formation and Bias in Cosmological Simulations. Astrophysical Journal, 2000, 531, 1-16.	3.5	69

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91	The Eddington Ratio Distribution of Narrow-line Active Galactic Nuclei. Astronomical Journal, 0, 171, 335.	3.7	1