Andreas A Berlind

List of Publications by Year
in descending order

39	14,206	279798	330143
papers	citations	23 h-index	37 g-index

41	41	41	7935
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. Astrophysical Journal, Supplement Series, 2009, 182, 543-558.	7.7	4,201
2	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. Astronomical Journal, 2013, 145, 10.	4.7	1,571
3	The Sixth Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, Supplement Series, 2008, 175, 297-313.	7.7	1,202
4	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2011, 193, 29.	7.7	1,166
5	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	4.7	1,100
6	The Halo Occupation Distribution: Toward an Empirical Determination of the Relation between Galaxies and Mass. Astrophysical Journal, 2002, 575, 587-616.	4.5	801
7	The Dark Side of the Halo Occupation Distribution. Astrophysical Journal, 2004, 609, 35-49.	4.5	744
8	The Luminosity and Color Dependence of the Galaxy Correlation Function. Astrophysical Journal, 2005, 630, 1-27.	4.5	653
9	Theoretical Models of the Halo Occupation Distribution: Separating Central and Satellite Galaxies. Astrophysical Journal, 2005, 633, 791-809.	4.5	652
10	GALAXY CLUSTERING IN THE COMPLETED SDSS REDSHIFT SURVEY: THE DEPENDENCE ON COLOR AND LUMINOSITY. Astrophysical Journal, 2011, 736, 59.	4.5	620
11	Percolation Galaxy Groups and Clusters in the SDSS Redshift Survey: Identification, Catalogs, and the Multiplicity Function. Astrophysical Journal, Supplement Series, 2006, 167, 1-25.	7.7	311
12	The Halo Occupation Distribution and the Physics of Galaxy Formation. Astrophysical Journal, 2003, 593, 1-25.	4.5	307
13	On Departures from a Power Law in the Galaxy Correlation Function. Astrophysical Journal, 2004, 608, 16-24.	4.5	253
14	Assessing colour-dependent occupation statistics inferred from galaxy group catalogues. Monthly Notices of the Royal Astronomical Society, 2015, 452, 444-469.	4.4	84
15	Spatial clustering of dark matter haloes: secondary bias, neighbour bias, and the influence of massive neighbours on halo properties. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4411-4423.	4.4	57
16	THE EXTREME SMALL SCALES: DO SATELLITE GALAXIES TRACE DARK MATTER?. Astrophysical Journal, 2012, 749, 83.	4.5	50
17	Cosmic Voids in the SDSS DR12 BOSS Galaxy Sample: the Alcockâ€“PaczyÅ„ski test. Astrophysical Journal, 2017, 835, 160.	4.5	49
18	The lensing and temperature imprints of voids on the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3364-3375.	4.4	45

#	Article	IF	Citations
19	A Cosmic Void Catalog of SDSS DR12 BOSS Galaxies. Astrophysical Journal, 2017, 835, 161.	4.5	44
20	THE RESOLVE SURVEY ATOMIC GAS CENSUS AND ENVIRONMENTAL INFLUENCES ON GALAXY GAS RESERVOIRS. Astrophysical Journal, 2016, 832, 126.	4.5	31
21	Towards accurate modelling of galaxy clustering on small scales: testing the standard Î›CDM + halo model. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1042-1064.	4.4	30
22	Prediction of galaxy halo masses in SDSS DR7 via a machine learning approach. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2367-2379.	4.4	28
23	Testing the accuracy of halo occupation distribution modelling using hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5771-5788.	4.4	24
24	Small- and large-scale galactic conformity in SDSS DR7. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2031-2045.	4.4	23
25	Likelihood non-Gaussianity in large-scale structure analyses. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2956-2969.	4.4	18
26	ECO AND RESOLVE: GALAXY DISK GROWTH IN ENVIRONMENTAL CONTEXT. Astrophysical Journal, 2015, 812, 89.	4.5	17
27	THE SPATIAL DISTRIBUTION OF SATELLITE GALAXIES WITHIN HALOS: MEASURING THE VERY SMALL SCALE ANGULAR CLUSTERING OF SDSS GALAXIES. Astrophysical Journal, 2015, 806, 125.	4.5	17
28	RESOLVE AND ECO: THE HALO MASS-DEPENDENT SHAPE OF GALAXY STELLAR AND BARYONIC MASS FUNCTIONS. Astrophysical Journal, 2016, 824, 124.	4.5	16
29	The Warm Circumgalactic Medium: 10^{5â^'6} K Gas Associated with a Single Galaxy Halo or with an Entire Group of Galaxies?. Astrophysical Journal, 2017, 838, 37.	4.5	16
30	The Impact of Baryonic Physics on the Abundance, Clustering, and Concentration of Halos. Astrophysical Journal, 2021, 921, 112.	4.5	16
31	Void Galaxies Follow a Distinct Evolutionary Path in the Environmental COntext Catalog. Astrophysical Journal, 2021, 906, 97.	4.5	14
32	The Baryonic Collapse Efficiency of Galaxy Groups in the RESOLVE and ECO Surveys. Astrophysical Journal, 2017, 849, 20.	4.5	11
33	The Ultraviolet Detection of Diffuse Gas in Galaxy Groups. Astrophysical Journal, Supplement Series, 2019, 240, 15.	7.7	11
34	Constraining primordial non-Gaussianity with moments of the large-scale density field. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1402-1415.	4.4	10
35	Toward Accurate Modeling of Galaxy Clustering on Small Scales: Constraining the Galaxy-halo Connection with Optimal Statistics. Astrophysical Journal, 2022, 926, 15.	4.5	6
36	What size haloes do local LIRGs live in?. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3033-3038.	4.4	4

#	Article	IF	Citations
37	Machine learning the fates of dark matter subhaloes: a fuzzy crystal ball. Monthly Notices of the Royal Astronomical Society, 2021, 504, 248-266.	4.4	4
38	The Environments of Luminous IR Galaxies. Proceedings of the International Astronomical Union, 2010, 6, 17-20.	0.0	0
39	Angular Momentum and Morphological Sequence of Massive Galaxies through Dark Sage. Astrophysical Journal, 2021, 923, 273.	4.5	0