

Andreas A Berlind

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

14,206
citations

279798

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330143

37
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docs citations

41
times ranked

7935
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Accurate Modeling of Galaxy Clustering on Small Scales: Constraining the Galaxy-halo Connection with Optimal Statistics. <i>Astrophysical Journal</i> , 2022, 926, 15.	4.5	6
2	Machine learning the fates of dark matter subhaloes: a fuzzy crystal ball. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 248-266.	4.4	4
3	Void Galaxies Follow a Distinct Evolutionary Path in the Environmental COntext Catalog. <i>Astrophysical Journal</i> , 2021, 906, 97.	4.5	14
4	The Impact of Baryonic Physics on the Abundance, Clustering, and Concentration of Halos. <i>Astrophysical Journal</i> , 2021, 921, 112.	4.5	16
5	Angular Momentum and Morphological Sequence of Massive Galaxies through Dark Sage. <i>Astrophysical Journal</i> , 2021, 923, 273.	4.5	0
6	Testing the accuracy of halo occupation distribution modelling using hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5771-5788.	4.4	24
7	Prediction of galaxy halo masses in SDSS DR7 via a machine learning approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2367-2379.	4.4	28
8	The Ultraviolet Detection of Diffuse Gas in Galaxy Groups. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 15.	7.7	11
9	Likelihood non-Gaussianity in large-scale structure analyses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2956-2969.	4.4	18
10	Spatial clustering of dark matter haloes: secondary bias, neighbour bias, and the influence of massive neighbours on halo properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4411-4423.	4.4	57
11	Small- and large-scale galactic conformity in SDSS DR7. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2031-2045.	4.4	23
12	Towards accurate modelling of galaxy clustering on small scales: testing the standard Λ CDM + halo model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 1042-1064.	4.4	30
13	Cosmic Voids in the SDSS DR12 BOSS Galaxy Sample: the Alcock-Paczynski test. <i>Astrophysical Journal</i> , 2017, 835, 160.	4.5	49
14	A Cosmic Void Catalog of SDSS DR12 BOSS Galaxies. <i>Astrophysical Journal</i> , 2017, 835, 161.	4.5	44
15	The Warm Circumgalactic Medium: $10^{5.6}$ K Gas Associated with a Single Galaxy Halo or with an Entire Group of Galaxies?. <i>Astrophysical Journal</i> , 2017, 838, 37.	4.5	16
16	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
17	The lensing and temperature imprints of voids on the cosmic microwave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3364-3375.	4.4	45
18	The Baryonic Collapse Efficiency of Galaxy Groups in the RESOLVE and ECO Surveys. <i>Astrophysical Journal</i> , 2017, 849, 20.	4.5	11

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19	THE RESOLVE SURVEY ATOMIC GAS CENSUS AND ENVIRONMENTAL INFLUENCES ON GALAXY GAS RESERVOIRS. <i>Astrophysical Journal</i> , 2016, 832, 126.	4.5	31
20	RESOLVE AND ECO: THE HALO MASS-DEPENDENT SHAPE OF GALAXY STELLAR AND BARYONIC MASS FUNCTIONS. <i>Astrophysical Journal</i> , 2016, 824, 124.	4.5	16
21	ECO AND RESOLVE: GALAXY DISK GROWTH IN ENVIRONMENTAL CONTEXT. <i>Astrophysical Journal</i> , 2015, 812, 89.	4.5	17
22	Assessing colour-dependent occupation statistics inferred from galaxy group catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 444-469.	4.4	84
23	THE SPATIAL DISTRIBUTION OF SATELLITE GALAXIES WITHIN HALOS: MEASURING THE VERY SMALL SCALE ANGULAR CLUSTERING OF SDSS GALAXIES. <i>Astrophysical Journal</i> , 2015, 806, 125.	4.5	17
24	What size haloes do local LIRGs live in?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3033-3038.	4.4	4
25	Constraining primordial non-Gaussianity with moments of the large-scale density field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1402-1415.	4.4	10
26	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. <i>Astronomical Journal</i> , 2013, 145, 10.	4.7	1,571
27	THE EXTREME SMALL SCALES: DO SATELLITE GALAXIES TRACE DARK MATTER?. <i>Astrophysical Journal</i> , 2012, 749, 83.	4.5	50
28	GALAXY CLUSTERING IN THE COMPLETED SDSS REDSHIFT SURVEY: THE DEPENDENCE ON COLOR AND LUMINOSITY. <i>Astrophysical Journal</i> , 2011, 736, 59.	4.5	620
29	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. <i>Astrophysical Journal</i> , Supplement Series, 2011, 193, 29.	7.7	1,166
30	The Environments of Luminous IR Galaxies. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 17-20.	0.0	0
31	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal</i> , Supplement Series, 2009, 182, 543-558.	7.7	4,201
32	The Sixth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , Supplement Series, 2008, 175, 297-313.	7.7	1,202
33	Percolation Galaxy Groups and Clusters in the SDSS Redshift Survey: Identification, Catalogs, and the Multiplicity Function. <i>Astrophysical Journal</i> , Supplement Series, 2006, 167, 1-25.	7.7	311
34	The Luminosity and Color Dependence of the Galaxy Correlation Function. <i>Astrophysical Journal</i> , 2005, 630, 1-27.	4.5	653
35	Theoretical Models of the Halo Occupation Distribution: Separating Central and Satellite Galaxies. <i>Astrophysical Journal</i> , 2005, 633, 791-809.	4.5	652
36	On Departures from a Power Law in the Galaxy Correlation Function. <i>Astrophysical Journal</i> , 2004, 608, 16-24.	4.5	253

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37	The Dark Side of the Halo Occupation Distribution. <i>Astrophysical Journal</i> , 2004, 609, 35-49.	4.5	744
38	The Halo Occupation Distribution and the Physics of Galaxy Formation. <i>Astrophysical Journal</i> , 2003, 593, 1-25.	4.5	307
39	The Halo Occupation Distribution: Toward an Empirical Determination of the Relation between Galaxies and Mass. <i>Astrophysical Journal</i> , 2002, 575, 587-616.	4.5	801