Andrew E Dolphin

List of Publications by Year in descending order

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38742 51608 7,778 118 50 86 citations g-index h-index papers 119 119 119 4859 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	<i>COSMICFLOWS-2</i> : THE DATA. Astronomical Journal, 2013, 146, 86.	4.7	490
2	THE ACS NEARBY GALAXY SURVEY TREASURY. Astrophysical Journal, Supplement Series, 2009, 183, 67-108.	7.7	435
3	THE STAR FORMATION HISTORIES OF LOCAL GROUP DWARF GALAXIES. I. <i>HUBBLE SPACE TELESCOPE </i> /WIDE FIELD PLANETARY CAMERA 2 OBSERVATIONS. Astrophysical Journal, 2014, 789, 147.	4.5	362
4	THE ACS NEARBY GALAXY SURVEY TREASURY. VIII. THE GLOBAL STAR FORMATION HISTORIES OF 60 DWARF GALAXIES IN THE LOCAL VOLUME. Astrophysical Journal, 2011, 739, 5.	4.5	295
5	THE ACS NEARBY GALAXY SURVEY TREASURY. IX. CONSTRAINING ASYMPTOTIC GIANT BRANCH EVOLUTION WITH OLD METAL-POOR GALAXIES. Astrophysical Journal, 2010, 724, 1030-1043.	4.5	293
6	Tip of the Red Giant Branch Distances. II. Zeroâ€Point Calibration. Astrophysical Journal, 2007, 661, 815-829.	4.5	284
7	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. Astrophysical Journal, Supplement Series, 2012, 200, 18.	7.7	269
8	Population Gradients in Local Group Dwarf Spheroidal Galaxies. Astronomical Journal, 2001, 122, 3092-3105.	4.7	199
9	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. X. ULTRAVIOLET TO INFRARED PHOTOMETRY OF 117 MILLION EQUIDISTANT STARS. Astrophysical Journal, Supplement Series, 2014, 215, 9.	7.7	163
10	Leo A: A Late-blooming Survivor of the Epoch of Reionization in the Local Group. Astrophysical Journal, 2007, 659, L17-L20.	4.5	157
11	THE NATURE OF STARBURSTS. I. THE STAR FORMATION HISTORIES OF EIGHTEEN NEARBY STARBURST DWARF GALAXIES. Astrophysical Journal, 2010, 721, 297-317.	4.5	148
12	THE STAR FORMATION HISTORIES OF LOCAL GROUP DWARF GALAXIES. II. SEARCHING FOR SIGNATURES OF REIONIZATION. Astrophysical Journal, 2014, 789, 148.	4.5	135
13	THE NATURE OF STARBURSTS. II. THE DURATION OF STARBURSTS IN DWARF GALAXIES. Astrophysical Journal, 2010, 724, 49-58.	4.5	130
14	DeepHubble Space TelescopeImaging of IC 1613. II. The Star Formation History. Astrophysical Journal, 2003, 596, 253-272.	4.5	113
15	THE DETECTION OF INSIDE-OUT DISK GROWTH IN M33. Astrophysical Journal, 2009, 695, L15-L19.	4.5	109
16	THE ACS LCID PROJECT. V. THE STAR FORMATION HISTORY OF THE DWARF GALAXY LGS-3: CLUES TO COSMIC REIONIZATION AND FEEDBACK. Astrophysical Journal, 2011, 730, 14.	4.5	106
17	Age Determinations of the Hyades, Praesepe, and Pleiades via MESA Models with Rotation. Astrophysical Journal, 2018, 863, 67.	4.5	103
18	A new method to determine star formation histories of nearby galaxies. New Astronomy, 1997, 2, 397-409.	1.8	98

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19	LEO P: AN UNQUENCHED VERY LOW-MASS GALAXY*. Astrophysical Journal, 2015, 812, 158.	4.5	97
20	THE ACS LCID PROJECT: ON THE ORIGIN OF DWARF GALAXY TYPES—A MANIFESTATION OF THE HALO ASSEMBLY BIAS?. Astrophysical Journal Letters, 2015, 811, L18.	8.3	96
21	Variable Stars in Leo A: RR Lyrae Stars, Short-Period Cepheids, and Implications for Stellar Content. Astronomical Journal, 2002, 123, 3154-3198.	4.7	94
22	THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY. V. RADIAL STAR FORMATION HISTORY OF NGC 300. Astrophysical Journal, 2010, 712, 858-874.	4.5	86
23	THE PANCHROMATIC <i> HUBBLE < /i > ANDROMEDA TREASURY. XI. THE SPATIALLY RESOLVED RECENT STAR FORMATION HISTORY OF M31. Astrophysical Journal, 2015, 805, 183.</i>	4.5	86
24	DeepHubble Space TelescopeImaging of IC 1613. I. Variable Stars and Distance. Astrophysical Journal, 2001, 550, 554-569.	4.5	85
25	THE STAR FORMATION HISTORIES OF LOCAL GROUP DWARF GALAXIES. III. CHARACTERIZING QUENCHING IN LOW-MASS GALAXIES. Astrophysical Journal, 2015, 804, 136.	4.5	84
26	PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XVI. STAR CLUSTER FORMATION EFFICIENCY AND THE CLUSTERED FRACTION OF YOUNG STARS. Astrophysical Journal, 2016, 827, 33.	4.5	84
27	Comparing the ancient star formation histories of the Magellanic Cloudsa~ Monthly Notices of the Royal Astronomical Society, 2013, 431, 364-371.	4.4	78
28	INFALL OF NEARBY GALAXIES INTO THE VIRGO CLUSTER AS TRACED WITH Astrophysical Journal, 2014, 782, 4.	4.5	76
29	Panchromatic Hubble Andromeda Treasury. XVIII. The High-mass Truncation of the Star Cluster Mass Function. Astrophysical Journal, 2017, 839, 78.	4.5	75
30	DeepHubble Space TelescopeImaging of Sextans A. III. The Star Formation History. Astronomical Journal, 2003, 126, 187-196.	4.7	72
31	The Local Group Stellar Populations Archive from the Hubble Space Telescope WFPC2. Astrophysical Journal, Supplement Series, 2006, 166, 534-548.	7.7	71
32	ON THE ESTIMATION OF SYSTEMATIC UNCERTAINTIES OF STAR FORMATION HISTORIES. Astrophysical Journal, 2012, 751, 60.	4.5	71
33	Accurate Distances to Important Spiral Galaxies: M63, M74, NGC 1291, NGC 4559, NGC 4625, and NGC 5398*. Astronomical Journal, 2017, 154, 51.	4.7	71
34	Deep [ITAL]Hubble Space Telescope[/ITAL] Imaging of Sextans A. I. The Spatially Resolved Recent Star Formation History. Astronomical Journal, 2002, 123, 813-831.	4.7	71
35	PHAT. XIX. The Ancient Star Formation History of the M31 Disk. Astrophysical Journal, 2017, 846, 145.	4.5	69
36	THE TRUE DURATIONS OF STARBURSTS: <i> HUBBLE SPACE TELESCOPE </i> /i>OBSERVATIONS OF THREE NEARBY DWARF STARBURST GALAXIES. Astrophysical Journal, 2009, 695, 561-573.	4.5	68

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37	THE DISTANCE TO M51*. Astrophysical Journal, 2016, 826, 21.	4.5	65
38	The ISLAndS Project. II. The Lifetime Star Formation Histories of Six Andromeda dSphs*. Astrophysical Journal, 2017, 837, 102.	4.5	65
39	THE ACS LCID PROJECT. X. THE STAR FORMATION HISTORY OF IC 1613: REVISITING THE OVER-COOLING PROBLEM. Astrophysical Journal, 2014, 786, 44.	4.5	64
40	PHAT STELLAR CLUSTER SURVEY. I. YEAR 1 CATALOG AND INTEGRATED PHOTOMETRY. Astrophysical Journal, 2012, 752, 95.	4.5	62
41	ON THE ESTIMATION OF RANDOM UNCERTAINTIES OF STAR FORMATION HISTORIES. Astrophysical Journal, 2013, 775, 76.	4.5	62
42	THE ACS LCID PROJECT. IX. IMPRINTS OF THE EARLY UNIVERSE IN THE RADIAL VARIATION OF THE STAR FORMATION HISTORY OF DWARF GALAXIES. Astrophysical Journal, 2013, 778, 103.	4.5	59
43	EVOLUTION OF THERMALLY PULSING ASYMPTOTIC GIANT BRANCH STARS. V. CONSTRAINING THE MASS LOSS AND LIFETIMES OF INTERMEDIATE-MASS, LOW-METALLICITY AGB STARS*. Astrophysical Journal, 2016, 822, 73.	4.5	59
44	THE ACS NEARBY GALAXY SURVEY TREASURY. I. THE STAR FORMATION HISTORY OF THE M81 OUTER DISK. Astronomical Journal, 2009, 137, 419-430.	4.7	57
45	THE SUPERNOVA PROGENITOR MASS DISTRIBUTIONS OF M31 AND M33: FURTHER EVIDENCE FOR AN UPPER MASS LIMIT. Astrophysical Journal, 2014, 795, 170.	4.5	57
46	THE HIGH-MASS STELLAR INITIAL MASS FUNCTION IN M31 CLUSTERS. Astrophysical Journal, 2015, 806, 198.	4.5	57
47	DELAYED STAR FORMATION IN ISOLATED DWARF GALAXIES: <i>HUBBLE SPACE TELESCOPE</i> STAR FORMATION HISTORY OF THE AQUARIUS DWARF IRREGULAR. Astrophysical Journal, 2014, 795, 54.	4.5	56
48	INFRARED TIP OF THE RED GIANT BRANCH AND DISTANCES TO THE MAFFEI/IC 342 GROUP. Astronomical Journal, 2014, 148, 7.	4.7	51
49	The Aptly Named Phoenix Dwarf Galaxy. Astrophysical Journal, 2007, 659, 331-338.	4.5	50
50	THE NGC 300 TRANSIENT: AN ALTERNATIVE METHOD FOR MEASURING PROGENITOR MASSES. Astrophysical Journal, 2009, 703, 300-310.	4.5	50
51	ALFALFA DISCOVERY OF THE NEARBY GAS-RICH DWARF GALAXY LEO P. IV. DISTANCE MEASUREMENT FROM LBT OPTICAL IMAGING. Astronomical Journal, 2013, 146, 145.	4.7	50
52	HOW TYPICAL ARE THE LOCAL GROUP DWARF GALAXIES?. Astrophysical Journal, 2011, 743, 8.	4.5	49
53	THE STAR FORMATION HISTORY OF LEO T FROM <i>HUBBLE SPACE TELESCOPE</i> HIMAGING. Astrophysical Journal, 2012, 748, 88.	4.5	49
54	SUPERNOVA REMNANT PROGENITOR MASSES IN M31. Astrophysical Journal, 2012, 761, 26.	4.5	46

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55	The Extragalactic Distance Database: The Color–Magnitude Diagrams/Tip of the Red Giant Branch Distance Catalog. Astronomical Journal, 2021, 162, 80.	4.7	46
56	CONSTRAINTS FOR THE PROGENITOR MASSES OF 17 HISTORIC CORE-COLLAPSE SUPERNOVAE. Astrophysical Journal, 2014, 791, 105.	4.5	45
57	THE PROCENITOR MASS OF SN 2011dh FROM STELLAR POPULATION ANALYSIS. Astrophysical Journal Letters, 2011, 742, L4.	8.3	44
58	MEASURING GALAXY STAR FORMATION RATES FROM INTEGRATED PHOTOMETRY: INSIGHTS FROM COLOR-MAGNITUDE DIAGRAMS OF RESOLVED STARS. Astrophysical Journal, 2013, 772, 8.	4.5	41
59	Constraints for the Progenitor Masses of Historic Core-collapse Supernovae. Astrophysical Journal, 2018, 860, 39.	4.5	38
60	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. I. BRIGHT UV STARS IN THE BULGE OF M31. Astrophysical Journal, 2012, 755, 131.	4.5	37
61	LEO P: HOW MANY METALS CAN A VERY LOW MASS, ISOLATED GALAXY RETAIN?. Astrophysical Journal Letters, 2015, 815, L17.	8.3	36
62	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XV. THE BEAST: BAYESIAN EXTINCTION AND STELLAR TOOL*. Astrophysical Journal, 2016, 826, 104.	4.5	36
63	A Tip of the Red Giant Branch Distance to the Dark Matter Deficient Galaxy NGC 1052-DF4 from Deep Hubble Space Telescope Data. Astrophysical Journal Letters, 2020, 895, L4.	8.3	36
64	COMPARING M31 AND MILKY WAY SATELLITES: THE EXTENDED STAR FORMATION HISTORIES OF ANDROMEDA II AND ANDROMEDA XVI. Astrophysical Journal, 2014, 789, 24.	4.5	35
65	A Tip of the Red Giant Branch Distance of 22.1 ± 1.2 Mpc to the Dark Matter Deficient Galaxy NGC 1052–DF2 from 40 Orbits of Hubble Space Telescope Imaging. Astrophysical Journal Letters, 2021, 914, L12.	8.3	35
66	CALIBRATING UV STAR FORMATION RATES FOR DWARF GALAXIES FROM STARBIRDS. Astrophysical Journal, 2015, 808, 109.	4.5	34
67	DISTANCE DETERMINATIONS TO SHIELD GALAXIES FROM <i>HUBBLE SPACE TELESCOPE</i> INAGING. Astrophysical Journal, 2014, 785, 3.	4.5	33
68	PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XII. MAPPING STELLAR METALLICITY DISTRIBUTIONS IN M31. Astronomical Journal, 2015, 150, 189.	4.7	32
69	A GLOBAL STAR-FORMING EPISODE IN M31 2–4 GYR AGO. Astrophysical Journal, 2015, 806, 48.	4.5	32
70	Combined Effects of Rotation and Age Spreads on Extended Main-Sequence Turn Offs. Astrophysical Journal, 2019, 887, 199.	4.5	32
71	THE NATURE OF STARBURSTS. III. THE SPATIAL DISTRIBUTION OF STAR FORMATION. Astrophysical Journal, 2012, 759, 77.	4.5	30
72	Comparing the Quenching Times of Faint M31 and Milky Way Satellite Galaxies. Astrophysical Journal Letters, 2019, 885, L8.	8.3	30

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73	The Panchromatic Hubble Andromeda Treasury: Triangulum Extended Region (PHATTER). I. Ultraviolet to Infrared Photometry of 22 Million Stars in M33. Astrophysical Journal, Supplement Series, 2021, 253, 53.	7.7	30
74	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. IV. A PROBABILISTIC APPROACH TO INFERRING THE HIGH-MASS STELLAR INITIAL MASS FUNCTION AND OTHER POWER-LAW FUNCTIONS. Astrophysical Journal, 2013, 762, 123.	4. 5	29
75	SHIELD: COMPARING GAS AND STAR FORMATION IN LOW-MASS GALAXIES. Astrophysical Journal, 2016, 832, 85.	4.5	28
76	The ISLAnds Project. III. Variable Stars in Six Andromeda Dwarf Spheroidal Galaxies*. Astrophysical Journal, 2017, 850, 137.	4. 5	28
77	The Leoncino Dwarf Galaxy: Exploring the Low-metallicity End of the Luminosity–Metallicity and Mass–Metallicity Relations*. Astrophysical Journal, 2020, 891, 181.	4.5	28
78	SLICING THE MONOCEROS OVERDENSITY WITH SUPRIME-CAM. Astrophysical Journal, 2012, 754, 101.	4.5	27
79	THE ACS NEARBY GALAXY SURVEY TREASURY. XI. THE REMARKABLY UNDISTURBED NGC 2403 DISK. Astrophysical Journal, 2013, 765, 120.	4.5	27
80	THE ISLANDS PROJECT. I. ANDROMEDA XVI, AN EXTREMELY LOW MASS GALAXY NOT QUENCHED BY REIONIZATION*. Astrophysical Journal, 2016, 819, 147.	4.5	26
81	A Complete Census of Luminous Stellar Variability on Day to Decade Timescales. Astrophysical Journal, 2018, 864, 111.	4.5	26
82	SHIELD: NEUTRAL GAS KINEMATICS AND DYNAMICS. Astrophysical Journal, 2016, 832, 89.	4.5	24
83	A Rogues' Gallery of Andromeda's Dwarf Galaxies. I. A Predominance of Red Horizontal Branches. Astrophysical Journal, 2017, 850, 16.	4.5	24
84	Formation time-scales for high-mass X-ray binaries in M33. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3526-3544.	4.4	24
85	DISCOVERY OF A GAS-RICH COMPANION TO THE EXTREMELY METAL-POOR GALAXY DDO 68. Astrophysical Journal Letters, 2014, 787, L1.	8.3	23
86	THE DISTANCE TO M104*. Astronomical Journal, 2016, 152, 144.	4.7	23
87	Progenitor Mass Distribution for Core-collapse Supernova Remnants in M31 and M33. Astrophysical Journal, 2018, 861, 92.	4.5	22
88	Using the Tip of the Red Giant Branch As a Distance Indicator in the Near Infrared. Astrophysical Journal, 2019, 880, 63.	4.5	22
89	HST IMAGING OF THE LOCAL VOLUME DWARF GALAXIES PISCES A AND B: PROTOTYPES FOR LOCAL GROUP DWARFS. Astrophysical Journal, 2016, 827, 89.	4.5	21
90	Star formation at the edge of the Local Group: a rising star formation history in the isolated galaxy WLM. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5538-5550.	4.4	21

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91	The Enigmatic (Almost) Dark Galaxy Coma P: Distance Measurement and Stellar Populations from HST Imaging*. Astronomical Journal, 2019, 157, 76.	4.7	21
92	CHARACTERIZING THE STAR FORMATION OF THE LOW-MASS SHIELD GALAXIES FROM <i>HUBBLE SPACE TELESCOPE</i> Ji>IMAGING. Astrophysical Journal, 2015, 802, 66.	4.5	20
93	The Small Magellanic Cloud Investigation of Dust and Gas Evolution (SMIDGE): The Dust Extinction Curve from Red Clump Stars. Astrophysical Journal, 2017, 847, 102.	4.5	20
94	The Progenitor Age and Mass of the Black Hole Formation Candidate N6946-BH1. Astrophysical Journal, 2018, 860, 117.	4.5	19
95	The Masses of Supernova Remnant Progenitors in M83. Astrophysical Journal, 2019, 881, 54.	4.5	19
96	A rogues gallery of Andromeda's dwarf galaxies – II. Precise distances to 17 faint satellites. Monthly Notices of the Royal Astronomical Society, 2019, 489, 763-770.	4.4	19
97	THE HISTORY OF STAR FORMATION IN GALAXY DISKS IN THE LOCAL VOLUME AS MEASURED BY THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY. Astrophysical Journal Letters, 2011, 734, L22.	8.3	18
98	THE M81 GROUP DWARF IRREGULAR GALAXY DDO 165. I. HIGH-VELOCITY NEUTRAL GAS IN A POST-STARBURST SYSTEM. Astrophysical Journal, 2011, 735, 35.	4.5	17
99	DDO 216-A1: A Central Globular Cluster in a Low-luminosity Transition-type Galaxy ^{â^—} . Astrophysical Journal, 2017, 837, 54.	4.5	17
100	PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XIV. THE PERIOD–AGE RELATIONSHIP OF CEPHEID VARIABLES IN M31 STAR CLUSTERS. Astrophysical Journal, 2015, 813, 31.	4.5	16
101	A New Approach to Convective Core Overshooting: Probabilistic Constraints from Color–Magnitude Diagrams of LMC Clusters. Astrophysical Journal, 2017, 841, 69.	4.5	13
102	The Panchromatic Hubble Andromeda Treasury: Triangulum Extended Region (PHATTER). III. The Mass Function of Young Stellar Clusters in M33. Astrophysical Journal, 2022, 928, 15.	4.5	13
103	Galaxy Properties at the Faint End of the H i Mass Function. Astrophysical Journal, 2021, 918, 23.	4.5	12
104	TIMESCALES ON WHICH STAR FORMATION AFFECTS THE NEUTRAL INTERSTELLAR MEDIUM. Astrophysical Journal, 2013, 772, 124.	4.5	10
105	THE ACS LCID PROJECT. XI. ON THE EARLY TIME RESOLUTION OF SFHs OF LOCAL GROUP DWARF GALAXIES: COMPARING THE EFFECTS OF REIONIZATION IN MODELS WITH OBSERVATIONS*. Astrophysical Journal, 2016, 823, 9.	4.5	10
106	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XVII. EXAMINING OBSCURED STAR FORMATION WITH SYNTHETIC ULTRAVIOLET FLUX MAPS IN M31*. Astrophysical Journal, 2017, 834, 70.	4.5	10
107	ISOLATING THE YOUNG STELLAR POPULATION IN THE OUTER DISK OF NGC 300*. Astrophysical Journal, 2016, 831, 191.	4.5	9
108	The Masses of Supernova Remnant Progenitors in NGC 6946. Astrophysical Journal, 2021, 916, 58.	4.5	9

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109	Mass-to-light Ratios of Spatially Resolved Stellar Populations in M31. Astrophysical Journal, 2020, 891, 32.	4.5	9
110	Progenitor mass distribution for 22 historic core-collapse supernovae. Monthly Notices of the Royal Astronomical Society, 2021, 506, 781-790.	4.4	8
111	Determining the Timescale over Which Stellar Feedback Drives Turbulence in the Interstellar Medium: A Study of Four Nearby Dwarf Irregular Galaxies. Astronomical Journal, 2022, 163, 132.	4.7	8
112	PRE-MAIN-SEQUENCE STELLAR POPULATIONS ACROSS SHAPLEY CONSTELLATION III. I. PHOTOMETRIC ANALYSIS AND IDENTIFICATION,. Astrophysical Journal, 2011, 738, 137.	4.5	7
113	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. VI. THE RELIABILITY OF FAR-ULTRAVIOLET FLUX AS A STAR FORMATION TRACER ON SUBKILOPARSEC SCALES. Astrophysical Journal, 2014, 788, 12.	4.5	7
114	Three-dimensional Structure and Dust Extinction in the Small Magellanic Cloud. Astrophysical Journal, 2021, 907, 50.	4.5	7
115	PHAT XX. AGB Stars and Other Cool Giants in M31 Star Clusters. Astrophysical Journal, 2020, 901, 19.	4.5	7
116	ON THE INCORPORATION OF METALLICITY DATA INTO MEASUREMENTS OF STAR FORMATION HISTORY FROM RESOLVED STELLAR POPULATIONS. Astrophysical Journal, 2016, 825, 153.	4.5	6
117	Metallicity Distribution Function of the Eridanus II Ultra-faint Dwarf Galaxy from Hubble Space Telescope Narrowband Imaging. Astrophysical Journal, 2022, 925, 6.	4.5	6
118	Delayed Stellar Mass Assembly in the Low Surface Brightness Dwarf Galaxy KDG 215 ^{â^-} . Astrophysical Journal Letters, 2018, 864, L14.	8.3	5