

A galaxy lacking dark matter

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Tidal stripping as a possible origin of the ultra diffuse galaxy lacking dark matter. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 480, L106-L110.	1.2	71
2	Resolution of the small scale structure issues with dissipative dark matter from multiple standard model sectors. Physical Review D, 2018, 98, .	1.6	3
3	A Deficit of Dark Matter from Jeans Modeling of the Ultra-diffuse Galaxy NGC 1052-DF2. Astrophysical Journal Letters, 2018, 863, L15.	3.0	31
4	A Multimessenger View of Galaxies and Quasars From Now to Mid-century. Frontiers in Astronomy and Space Sciences, 2018, 5, .	1.1	6
5	Effects of mass models on dynamical mass estimate: the case of ultradiffuse galaxy NGC 1052-DF2. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 481, L59-L63.	1.2	17
6	A 3D Voronoi+Capper Galaxy Cluster Finder in Redshift Space to $z \sim 0.2$. II. An Abundant Cluster Population Dominated by Late-type Galaxies Unveiled. Astrophysical Journal, 2018, 869, 145.	1.6	1
7	Long range effects in gravity theories with Vainshtein screening. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 009-009.	1.9	13
8	The Dragonfly Nearby Galaxies Survey. V. HST/ACS Observations of 23 Low Surface Brightness Objects in the Fields of NGC 1052, NGC 1084, M96, and NGC 4258. Astrophysical Journal, 2018, 868, 96.	1.6	66
9	Origins of ultradiffuse galaxies in the Coma cluster – II. Constraints from their stellar populations. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4891-4906.	1.6	64
10	Extending the globular cluster system’s halo mass relation to the lowest galaxy masses. Monthly Notices of the Royal Astronomical Society, 2018, 481, 5592-5605.	1.6	92
11	Evidence for Ultra-diffuse Galaxy “Formation” through Galaxy Interactions. Astrophysical Journal Letters, 2018, 866, L11.	3.0	46
12	Old-Aged Primary Distance Indicators. Space Science Reviews, 2018, 214, 1.	3.7	53
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14	Does the galaxy NGC1052-DF2 falsify Milgromian dynamics?. Nature, 2018, 561, E4-E5.	13.7	46
15	Seven hints for primordial black hole dark matter. Physics of the Dark Universe, 2018, 22, 137-146.	1.8	131
16	MOND and the dynamics of NGC 1052-DF2. Monthly Notices of the Royal Astronomical Society, 2018, 480, 473-476.	1.6	46
17	Current Velocity Data on Dwarf Galaxy NGC 1052-DF2 do not Constrain it to Lack Dark Matter. Astrophysical Journal Letters, 2018, 859, L5.	3.0	69
18	A galaxy with surprisingly little dark matter. Physics Today, 2018, 71, 24-24.	0.3	0

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19	The Globular Cluster Systems of Ultra-diffuse Galaxies in the Coma Cluster. <i>Astrophysical Journal</i> , 2018, 862, 82.	1.6	82
20	Testing gravity with wide binary stars like $\hat{\iota}$ Centauri. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2660-2688.	1.6	50
21	Orbital Decay of Globular Clusters in the Galaxy with Little Dark Matter. <i>Astrophysical Journal Letters</i> , 2018, 863, L17.	3.0	19
22	Galactic Forces Rule the Dynamics of Milky Way Dwarf Galaxies. <i>Astrophysical Journal</i> , 2018, 860, 76.	1.6	21
23	Dark-matter-deficient galaxies in hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3298-3307.	1.6	11
24	The ultra-diffuse dwarf galaxies NGC 1052-DF2 and 1052-DF4 are in conflict with standard cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2634-2651.	1.6	17
25	Dwarf Galaxies in the Local Volume. <i>Astrophysical Bulletin</i> , 2019, 74, 111-127.	0.3	14
26	Galaxies lacking dark matter in the Illustris simulation. <i>Astronomy and Astrophysics</i> , 2019, 626, A47.	2.1	26
27	Constraints on dark matter interactions from the first results of DarkSide-50. <i>Nuclear Physics B</i> , 2019, 945, 114678.	0.9	4
28	Ultra-diffuse galaxies without dark matter. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 488, L24-L28.	1.2	37
29	Using Surface Brightness Fluctuations to Study Nearby Satellite Galaxy Systems: Calibration and Methodology. <i>Astrophysical Journal</i> , 2019, 879, 13.	1.6	33
30	The two-real-singlet Dark Matter model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 796, 15-19.	1.5	6
31	Edge-on H i-bearing Ultra-diffuse Galaxy Candidates in the 40% ALFALFA Catalog. <i>Astrophysical Journal</i> , 2019, 880, 30.	1.6	14
32	The TRGB Distance to the Second Galaxy "Missing Dark Matter" Evidence for Two Groups of Galaxies at 13.5 and 19 Mpc in the Line of Sight of NGC 1052. <i>Astrophysical Journal Letters</i> , 2019, 880, L11.	3.0	31
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34	Giant cold satellites from low-concentration haloes. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 489, L22-L27.	1.2	11
35	Off the Baryonic Tully-Fisher Relation: A Population of Baryon-dominated Ultra-diffuse Galaxies. <i>Astrophysical Journal Letters</i> , 2019, 883, L33.	3.0	76
36	Spatially Resolved Stellar Kinematics of the Ultra-diffuse Galaxy Dragonfly 44. I. Observations, Kinematics, and Cold Dark Matter Halo Fits. <i>Astrophysical Journal</i> , 2019, 880, 91.	1.6	76

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38	The Effect of Retardation on Galactic Rotation Curves. <i>Journal of Physics: Conference Series</i> , 2019, 1239, 012006.	0.3	11
39	A model for the minimum mass of bound stellar clusters and its dependence on the galactic environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3972-3994.	1.6	21
40	Stellar content, planetary nebulae, and globular clusters of [KKS2000]04 (NGC 1052-DF2). <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5670-5678.	1.6	14
41	A new formulation of the external field effect in MOND and numerical simulations of ultra-diffuse dwarf galaxies — application to NGC 1052-DF2 and NGC 1052-DF4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2441-2454.	1.6	38
42	Predicted MOND velocity dispersions for a catalog of ultra-diffuse galaxies in group environments. <i>Astronomy and Astrophysics</i> , 2019, 623, A36.	2.1	20
43	Towards a higher mass for NGC 1052-DF2: an analysis based on full distribution functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 510-519.	1.6	16
44	Addressing redshift controversies through the doppler analog of spectral redshifts caused by light deceleration in dynamic media. <i>Optik</i> , 2019, 183, 723-726.	1.4	0
45	Dark matter effect attributed to the inherent structure of cosmic space. <i>International Journal of Modern Physics D</i> , 2019, 28, 1950082.	0.9	1
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47	The formation of ultra-diffuse galaxies in cored dark matter haloes through tidal stripping and heating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 382-395.	1.6	101
48	A Second Galaxy Missing Dark Matter in the NGC 1052 Group. <i>Astrophysical Journal Letters</i> , 2019, 874, L5.	3.0	129
49	Still Missing Dark Matter: KCWI High-resolution Stellar Kinematics of NGC1052-DF2. <i>Astrophysical Journal Letters</i> , 2019, 874, L12.	3.0	82
50	Halo mass estimates from the globular cluster populations of 175 low surface brightness galaxies in the Fornax cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4865-4880.	1.6	50
51	Reconciling mass estimates of ultradiffuse galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 245-251.	1.6	41
52	Constraints on the H i Mass for NGC 1052-DF2. <i>Astrophysical Journal Letters</i> , 2019, 871, L31.	3.0	16
53	A dearth of atomic hydrogen in NGC 1052-DF2. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 482, L99-L101.	1.2	18
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56	Modeling the Rising Tails of Galaxy Rotation Curves. <i>Galaxies</i> , 2019, 7, 27.	1.1	2
57	The Distribution of Ultra-diffuse and Ultra-compact Galaxies in the Frontier Fields. <i>Astrophysical Journal</i> , 2019, 887, 92.	1.6	30
58	The ultra-diffuse galaxy NGC 1052-DF2 with MUSE. <i>Astronomy and Astrophysics</i> , 2019, 625, A76.	2.1	65
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60	Distance to the nearby dwarf galaxy [TT2009] 25 in the NGC 891 group using the tip of the red giant branch. <i>Astronomy and Astrophysics</i> , 2019, 629, L2.	2.1	5
61	Discussing the first velocity dispersion profile of an ultra-diffuse galaxy in MOND. <i>Astronomy and Astrophysics</i> , 2019, 627, L1.	2.1	12
62	Ultra-diffuse galaxies in the Auriga simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5182-5195.	1.6	55
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64	The Ambiguity in the Definition and Behavior of the Gravitational and Cosmological `Coupling Constantsâ€™ in the Theory of Induced Gravity. <i>Symmetry</i> , 2019, 11, 81.	1.1	3
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66	Massive star cluster formation and evolution in tidal dwarf galaxies. <i>Astronomy and Astrophysics</i> , 2019, 628, A60.	2.1	20
67	Modified gravity black hole lensing observables in weak and strong field of gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3754-3761.	1.6	26
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72	Further evidence for a population of dark-matter-deficient dwarf galaxies. <i>Nature Astronomy</i> , 2020, 4, 246-251.	4.2	50

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75	Enigmatic velocity dispersions of ultradiffuse galaxies in light of modified gravity theories and the radial acceleration relation. Physical Review D, 2020, 102, .	1.6	4
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81	Dark Matters on the Scale of Galaxies. Universe, 2020, 6, 107.	0.9	62
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83	Refracting into ultra-diffuse galaxy NGC 1052-DF2 by passing near the centre of NGC 1052. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 495, L144-L148.	1.2	2
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87	Multi-resolution Filtering: An Empirical Method for Isolating Faint, Extended Emission in Dragonfly Data and Other Low Resolution Images. Publications of the Astronomical Society of the Pacific, 2020, 132, 074503.	1.0	16
88	On the stellar kinematics and mass of the Virgo ultradiffuse galaxy VCC 1287. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2582-2598.	1.6	22
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#	ARTICLE	IF	CITATIONS
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105	Globular clusters as tracers of the dark matter content of dwarfs in galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1661-1677.	1.6	17
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129	Evolution of globular-cluster systems of ultra-diffuse galaxies due to dynamical friction in MOND gravity. <i>Astronomy and Astrophysics</i> , 2021, 653, A170.	2.1	4
130	Evidence for Ultra-diffuse Galaxy Formation through Tidal Heating of Normal Dwarfs. <i>Astrophysical Journal</i> , 2021, 919, 72.	1.6	22
131	Ultra diffuse galaxies in the MATLAS low-to-moderate density fields. <i>Astronomy and Astrophysics</i> , 2021, 654, A105.	2.1	21
132	A Shallow Dark Matter Halo in Ultra-diffuse Galaxy AGC 242019: Are UDGs Structurally Similar to Low-surface-brightness Galaxies?. <i>Astrophysical Journal Letters</i> , 2021, 919, L1.	3.0	7
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#	ARTICLE	IF	CITATIONS
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152	Lessons on Star-forming Ultra-diffuse Galaxies from the Stacked Spectra of the Sloan Digital Sky Survey. <i>Astrophysical Journal Letters</i> , 2020, 899, L12.	3.0	9
153	The Maybe Stream: A Possible Cold Stellar Stream in the Ultra-diffuse Galaxy NGC1052-DF2. <i>Research Notes of the AAS</i> , 2018, 2, 16.	0.3	27
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