

CITATION REPORT

List of articles citing

The planes of satellite galaxies problem, suggested solutions, and open questions

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#	Paper	IF	Citations
82	Resolution of the small scale structure issues with dissipative dark matter from multiple standard model sectors. <i>Physical Review D</i> , 2018 , 98,	4.9	1
81	A whirling plane of satellite galaxies around Centaurus A challenges CDM cosmology. <i>Proceedings of the International Astronomical Union</i> , 2018 , 14, 473-476	0.1	
80	Local Group Dwarf Galaxies. <i>Proceedings of the International Astronomical Union</i> , 2018 , 14, 29-37	0.1	
79	The Large-scale Structure of the Halo of the Andromeda Galaxy. II. Hierarchical Structure in the Pan-Andromeda Archaeological Survey. <i>Astrophysical Journal</i> , 2018 , 868, 55	4.7	66
78	Missing Satellites Problem: Completeness Corrections to the Number of Satellite Galaxies in the Milky Way are Consistent with Cold Dark Matter Predictions. <i>Physical Review Letters</i> , 2018 , 121, 211302	7.4	91
77	Spatial distribution of globular clusters in the Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 918-929	4.3	8
76	Consequences of the external field effect for MOND disc galaxies in galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 5362-5379	4.3	6
75	The Leo-I group: new dwarf galaxy and ultra diffuse galaxy candidates. <i>Astronomy and Astrophysics</i> , 2018 , 615, A105	5.1	49
74	Testing gravity with wide binary stars like ϵ Centauri. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 2660-2688	4.3	27
73	Cosmic voids in evolving dark sector cosmologies: the high-redshift universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 4861-4877	4.3	8
72	Galactic Forces Rule the Dynamics of Milky Way Dwarf Galaxies. <i>Astrophysical Journal</i> , 2018 , 860, 76	4.7	19
71	Origin of the Local Group satellite planes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 4768-4791	4.3	24
70	Fuzzy dark matter at cosmic dawn: new 21-cm constraints. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019 , 2019, 051-051	6.4	20
69	Galaxies lacking dark matter in the Illustris simulation. <i>Astronomy and Astrophysics</i> , 2019 , 626, A47	5.1	19
68	A new line on the wide binary test of gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 5291-5303	4.3	6
67	Using Surface Brightness Fluctuations to Study Nearby Satellite Galaxy Systems: Calibration and Methodology. <i>Astrophysical Journal</i> , 2019 , 879, 13	4.7	24
66	Comparing the Quenching Times of Faint M31 and Milky Way Satellite Galaxies. <i>Astrophysical Journal Letters</i> , 2019 , 885, L8	7.9	12

65	The orientation of planes of dwarf galaxies in the quasi-linear Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 3786-3792	4.3	7
64	Proper motions of the satellites of M31. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 3231-3237	4.3	4
63	Testing gravity with interstellar precursor missions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 2665-2672	4.3	4
62	Proper Motions of Milky Way Ultra-faint Satellites with Gaia DR2 [DES DR1. <i>Astrophysical Journal</i> , 2019 , 875, 77	4.7	51
61	Do Halos that Form Early, Have High Concentration, Are Part of a Pair, or Contain a Central Galaxy Potential Host More Pronounced Planes of Satellite Galaxies?. <i>Astrophysical Journal</i> , 2019 , 875, 105	4.7	14
60	The velocity anisotropy of the Milky Way satellite system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 2679-2694	4.3	21
59	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	5.1	3
58	The dwarf galaxy satellite system of Centaurus A. <i>Astronomy and Astrophysics</i> , 2019 , 629, A18	5.1	39
57	The Milky Way's disc of classical satellite galaxies in light of Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 3042-3059	4.3	37
56	Modified Newtonian Gravity, Wide Binaries and the Tully-Fisher Relation. <i>Universe</i> , 2020 , 6, 209	2.5	1
55	The KBC void and Hubble tension contradict Λ CDM on a Gpc scale [Milgromian dynamics as a possible solution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 2845-2883	4.3	32
54	The Sheet of Giants: Unusual properties of the Milky Way's immediate neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 2600-2617	4.3	9
53	The hestia project: simulations of the Local Group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 2968-2983	4.3	16
52	Dark Matters on the Scale of Galaxies. <i>Universe</i> , 2020 , 6, 107	2.5	27
51	The Formation of Exponential Disk Galaxies in MOND. <i>Astrophysical Journal</i> , 2020 , 890, 173	4.7	14
50	The Milky Way's stellar streams and globular clusters do not align in a Vast Polar Structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 983-1001	4.3	18
49	A profile in FIRE: resolving the radial distributions of satellite galaxies in the Local Group with simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 1471-1490	4.3	41
48	Dark matter interpretation of the -LAT observations toward the outer halo of M31. <i>Physical Review D</i> , 2021 , 103,	4.9	5

47	The SAGA Survey. II. Building a Statistical Sample of Satellite Systems around Milky Waylike Galaxies. <i>Astrophysical Journal</i> , 2021 , 907, 85	4.7	40
46	On the absence of backplash analogues to NGC 3109 in the Λ CDM framework. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 6170-6186	4.3	1
45	Scalar field dark matter as an alternative explanation for the anisotropic distribution of satellite galaxies. <i>Physical Review D</i> , 2021 , 103,	4.9	0
44	Planes of satellites around Milky Way/M31-mass galaxies in the FIRE simulations and comparisons with the Local Group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 1379-1397	4.3	9
43	Feyerabend's rule and dark matter. <i>Synthese</i> , 1	0.8	0
42	Solo dwarfs IV: comparing and contrasting satellite and isolated dwarf galaxies in the Local Group. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
41	Tracing satellite planes in the Sculptor group. <i>Astronomy and Astrophysics</i> , 2021 , 652, A48	5.1	8
40	Flattened structures of dwarf satellites around massive host galaxies in the MATLAS low-to-moderate density fields. <i>Astronomy and Astrophysics</i> ,	5.1	2
39	Evolution of globular-cluster systems of ultra-diffuse galaxies due to dynamical friction in MOND gravity. <i>Astronomy and Astrophysics</i> , 2021 , 653, A170	5.1	0
38	Phase-Space Correlations among Systems of Satellite Galaxies. <i>Galaxies</i> , 2021 , 9, 66	2	0
37	Elongated Gravity Sources as an Analytical Limit for Flat Galaxy Rotation Curves. <i>Universe</i> , 2021 , 7, 346	2.5	1
36	Fast galaxy bars continue to challenge standard cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 508, 926-939	4.3	8
35	The coherent motion of Cen A dwarf satellite galaxies remains a challenge for Λ CDM cosmology. <i>Astronomy and Astrophysics</i> , 2021 , 645, L5	5.1	10
34	OUP accepted manuscript. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	2
33	MOND and Methodology. 2021 , 69-96		0
32	Planes of Satellites around Simulated Disk Galaxies. I. Finding High-quality Planar Configurations from Positional Information and Their Comparison to MW/M31 Data. <i>Astrophysical Journal</i> , 2020 , 897, 71	4.7	6
31	Models of distorted and evolving dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 4793-4813	4.3	4
30	The SIBELIUS Project: E Pluribus Unum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 509, 1432-1446	4.3	3

29	Are Disks of Satellites Comprised of Tidal Dwarf Galaxies?. <i>Galaxies</i> , 2021 , 9, 100	2	0
28	Gaia EDR3 Proper Motions of Milky Way Dwarfs. II Velocities, Total Energy, and Angular Momentum. <i>Astrophysical Journal</i> , 2021 , 922, 93	4.7	4
27	The Cen A galaxy group: Dynamical mass and missing baryons. <i>Astronomy and Astrophysics</i> ,	5.1	1
26	Gas dynamics in dwarf galaxies as testbeds for dark matter and galaxy evolution. <i>Nature Astronomy</i> , 2022 , 6, 35-47	12.1	2
25	3D hydrodynamic simulations for the formation of the local group satellite planes. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	0
24	An extended stellar halo discovered in the Fornax dwarf spheroidal using Gaia EDR3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 4171-4184	4.3	0
23	The Clustering of Orbital Poles Induced by the LMC: Hints for the Origin of Planes of Satellites. <i>Astrophysical Journal</i> , 2021 , 923, 140	4.7	4
22	The Phantom Dark Matter Halos of the Local Volume in the Context of Modified Newtonian Dynamics. <i>Astrophysical Journal</i> , 2021 , 923, 68	4.7	4
21	Galactic Anomalies and Particle Dark Matter. <i>Symmetry</i> , 2022 , 14, 812	2.7	0
20	Alignment of the central galaxies with the environment. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	2
19	Baryonic solutions and challenges for cosmological models of dwarf galaxies. <i>Nature Astronomy</i> ,	12.1	3
18	On the Effect of the Large Magellanic Cloud on the Orbital Poles of Milky Way Satellite Galaxies. <i>Astrophysical Journal</i> , 2022 , 932, 70	4.7	2
17	The distribution and morphologies of Fornax Cluster dwarf galaxies suggest they lack dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	2
16	From Galactic Bars to the Hubble Tension: Weighing Up the Astrophysical Evidence for Milgromian Gravity. <i>Symmetry</i> , 2022 , 14, 1331	2.7	2
15	The Exploration of Local Volume Satellites (ELVES) Survey: A Nearly Volume-limited Sample of Nearby Dwarf Satellite Systems. <i>Astrophysical Journal</i> , 2022 , 933, 47	4.7	4
14	Challenges for Λ CDM: An update. <i>New Astronomy Reviews</i> , 2022 , 95, 101659	7.9	8
13	Dark sector domain walls could explain the observed planes of satellites. 2022 , 2022, 020		0
12	Dark matter and dark energy denote the gravitation of the expanding universe. 10,		1

- 11 The Hubble Space Telescope Survey of M31 Satellite Galaxies. I. RR Lyrae-based Distances and Refined 3D Geometric Structure. **2022**, 938, 101 1
- 10 The Milky Way's plane of satellites is consistent with Λ CDM. 0
- 9 Classifying the satellite plane membership of Centaurus A's dwarf galaxies using orbital alignment constraints. 0
- 8 Exploring the effects of primordial non-Gaussianity at galactic scales. **2023**, 2023, 024 0
- 7 Analyzing planar galactic halo distributions with fuzzy/cold dark matter models. **2022**, 2022, 033 0
- 6 Spatial and orbital planes of the Milky Way satellites: Unusual but consistent with Λ CDM. 0
- 5 The accretion history of the Milky Way II. How it shapes globular clusters and dwarf galaxies. **2023**, 519, 5059-5075 1
- 4 Anisotropic correlation functions as tracers of central galaxy alignments in simulations. **2023**, 521, 5483-5491 0
- 3 New dwarf galaxy candidates in the sphere of influence of the Local Volume spiral galaxy NGC2683. **2023**, 521, 4009-4023 0
- 2 Planes of satellites no longer in tension with Λ CDM. **2023**, 7, 376-377 0
- 1 The Local Group's mass: probably no more than the sum of its parts. **2023**, 521, 4863-4877 0