

Azadeh fattahi

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

3,271
citations

159585

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168389

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all docs

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docs citations

53
times ranked

2402
citing authors

#	ARTICLE	IF	CITATIONS
1	Dwarf stellar haloes: a powerful probe of small-scale galaxy formation and the nature of dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4044-4059.	4.4	17
2	Galactic tides and the Crater II dwarf spheroidal: a challenge to LCDM?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5247-5257.	4.4	14
3	Apostleâ€œAuriga: effects of different subgrid models on the baryon cycle around Milky Way-mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3113-3138.	4.4	12
4	Baryonic solutions and challenges for cosmological models of dwarf galaxies. <i>Nature Astronomy</i> , 2022, 6, 897-910.	10.1	55
5	Observing the Stellar Halo of Andromeda in Cosmological Simulations: The AURIGA2PANDAS Pipeline. <i>Astrophysical Journal</i> , 2021, 910, 92.	4.5	6
6	Magellanic satellites in Λ CDM cosmological hydrodynamical simulations of the Local Group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4551-4567.	4.4	26
7	Velocity-dependent J-factors for annihilation radiation from cosmological simulations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 070.	5.4	12
8	Satellites around Milky Way Analogs: Tension in the Number and Fraction of Quiescent Satellites Seen in Observations versus Simulations. <i>Astrophysical Journal Letters</i> , 2021, 916, L19.	8.3	19
9	The mass of the Milky Way out to 100 kpc using halo stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 5964-5972.	4.4	49
10	The tidal evolution of the Fornax dwarf spheroidal and its globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5330-5339.	4.4	9
11	Can tides explain the low dark matter density in Fornax?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 2186-2205.	4.4	12
12	Baryonic clues to the puzzling diversity of dwarf galaxy rotation curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 58-77.	4.4	50
13	The edge of the Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3929-3942.	4.4	34
14	Local group star formation in warm and self-interacting dark matter cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 702-717.	4.4	9
15	The dark matter component of the Gaia radially anisotropic substructure. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 036-036.	5.4	22
16	The dual origin of the Galactic thick disc and halo from the gas-rich Gaiaâ€œEnceladus Sausage merger. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1603-1618.	4.4	71
17	How unusual is the Milky Wayâ€™s assembly history?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4311-4321.	4.4	22
18	A tale of two populations: surviving and destroyed dwarf galaxies and the build-up of the Milky Wayâ€™s stellar halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4459-4471.	4.4	40

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19	The missing dwarf galaxies of the Local Group. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2596-2605.	4.4	18
20	The milky way total mass profile as inferred from Gaia DR2. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4291-4313.	4.4	188
21	Subhalo destruction in the Apostle and Auriga simulations. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5780-5793.	4.4	46
22	The Ophiuchus stream progenitor: a new type of globular cluster and its possible Sagittarius connection. Monthly Notices of the Royal Astronomical Society, 2020, 492, 4164-4174.	4.4	4
23	The biggest splash. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3880-3898.	4.4	163
24	Stellar splashback: the edge of the intracluster light. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4181-4192.	4.4	22
25	The distinct stellar metallicity populations of simulated Local Group dwarfs. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2312-2331.	4.4	22
26	On the correlation between the local dark matter and stellar velocities. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 045-045.	5.4	12
27	No cores in dark matter-dominated dwarf galaxies with bursty star formation histories. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4790-4804.	4.4	62
28	The star formation histories of dwarf galaxies in Local Group cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5423-5437.	4.4	31
29	The velocity anisotropy of the Milky Way satellite system. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2679-2694.	4.4	32
30	The local high-velocity tail and the Galactic escape speed. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3514-3526.	4.4	75
31	The origin of galactic metal-rich stellar halo components with highly eccentric orbits. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4471-4483.	4.4	89
32	Tidal stripping and the structure of dwarf galaxies in the Local Group. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3816-3836.	4.4	79
33	The core-cusp problem: a matter of perspective. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1398-1411.	4.4	73
34	The innate origin of radial and vertical gradients in a simulated galaxy disc. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3648-3660.	4.4	26
35	Aurigaia: mock Gaia DR2 stellar catalogues from the auriga cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1726-1743.	4.4	44
36	Knowing the unknowns: uncertainties in simple estimators of galactic dynamical masses. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2335-2360.	4.4	54

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37	The properties of $\tilde{\text{dark}}^{\text{TM}}$ $\hat{\nu}$ CDM haloes in the Local Group. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3913-3926.	4.4	44
38	Mass-Discrepancy Acceleration Relation: A Natural Outcome of Galaxy Formation in Cold Dark Matter Halos. Physical Review Letters, 2017, 118, 161103.	7.8	95
39	The low-mass end of the baryonic Tullyâ€Fisher relation. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2419-2428.	4.4	69
40	What galaxy masses perturb the local cosmic expansion?. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1300-1316.	4.4	17
41	The origin of the mass discrepancyâ€acceleration relation in $\hat{\nu}$ CDM. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1841-1848.	4.4	68
42	Tidal features of classical Milky Way satellites in a $\hat{\nu}$ cold dark matter universe. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4887-4901.	4.4	12
43	The oldest and most metal-poor stars in the APOSTLE Local Group simulations. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2212-2224.	4.4	67
44	The apostle project: Local Group kinematic mass constraints and simulation candidate selection. Monthly Notices of the Royal Astronomical Society, 2016, 457, 844-856.	4.4	154
45	The chosen few: the low-mass haloes that host faint galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 85-97.	4.4	117
46	Missing dark matter in dwarf galaxies?. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3610-3623.	4.4	62
47	The APOSTLE simulations: solutions to the Local Group's cosmic puzzles. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1931-1943.	4.4	453
48	The low abundance and insignificance of dark discs in simulated Milky Way galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 461, L56-L61.	3.3	16
49	Dark matter annihilation radiation in hydrodynamic simulations of Milky Way haloes. Monthly Notices of the Royal Astronomical Society, 2016, 455, 4442-4451.	4.4	37
50	Bent by baryons: the low-mass galaxy-halo relation. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2941-2947.	4.4	163
51	The unexpected diversity of dwarf galaxy rotation curves. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3650-3665.	4.4	302
52	The orbital ellipticity of satellite galaxies and the mass of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2014, 437, 959-967.	4.4	52
53	Galaxy pairs in the Local Group. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 431, L73-L77.	3.3	24