

Oliver MÃ¼ller

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,048
citations

394390

19
h-index

414395

32
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34
all docs

34
docs citations

34
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cen A galaxy group: Dynamical mass and missing baryons. <i>Astronomy and Astrophysics</i> , 2022, 662, A57.	5.1	9
2	HI observations of the MATLAS dwarf and ultra-diffuse galaxies. <i>Astronomy and Astrophysics</i> , 2022, 659, A14.	5.1	5
3	The properties of dwarf spheroidal galaxies in the Cen A group. <i>Astronomy and Astrophysics</i> , 2021, 645, A92.	5.1	16
4	Dwarfs from the Dark (Energy Survey): a machine learning approach to classify dwarf galaxies from multi-band images. <i>The Open Journal of Astrophysics</i> , 2021, 4, .	2.8	6
5	Structure and morphology of the MATLAS dwarf galaxies and their central nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5494-5511.	4.4	24
6	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	4
7	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	34
8	Dwarf Galaxies in the MATLAS Survey: Hubble Space Telescope Observations of the Globular Cluster System in the Ultra-diffuse Galaxy MATLAS-2019. <i>Astrophysical Journal</i> , 2021, 923, 9.	4.5	18
9	Metal-poor nuclear star clusters in two dwarf galaxies near Centaurus A suggesting formation from the in-spiraling of globular clusters. <i>Astronomy and Astrophysics</i> , 2020, 634, A53.	5.1	31
10	The haloes and environments of nearby galaxies (HERON) – II. The outer structure of edge-on galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1751-1770.	4.4	13
11	Spectroscopic study of MATLAS-2019 with MUSE: An ultra-diffuse galaxy with an excess of old globular clusters. <i>Astronomy and Astrophysics</i> , 2020, 640, A106.	5.1	32
12	Abundance of dwarf galaxies around low-mass spiral galaxies in the Local Volume. <i>Astronomy and Astrophysics</i> , 2020, 644, A91.	5.1	16
13	Deep optical imaging of the dark galaxy candidate AGESVC1 282. <i>Astronomy and Astrophysics</i> , 2020, 642, L10.	5.1	4
14	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.	4.4	12
15	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.	4.4	38
16	Predicted MOND velocity dispersions for a catalog of ultra-diffuse galaxies in group environments. <i>Astronomy and Astrophysics</i> , 2019, 623, A36.	5.1	20
17	Hunting ghosts: the iconic stellar stream(s) around NGC 5907 under scrutiny. <i>Astronomy and Astrophysics</i> , 2019, 632, L13.	5.1	10
18	The ultra-diffuse galaxy NGC 1052-DF2 with MUSE. <i>Astronomy and Astrophysics</i> , 2019, 625, A76.	5.1	65

#	ARTICLE	IF	CITATIONS
19	A tidal tale: detection of several stellar streams in the environment of NGC 1052. <i>Astronomy and Astrophysics</i> , 2019, 624, L6.	5.1	31
20	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	5
21	The dwarf galaxy satellite system of Centaurus A. <i>Astronomy and Astrophysics</i> , 2019, 629, A18.	5.1	60
22	Discussing the first velocity dispersion profile of an ultra-diffuse galaxy in MOND. <i>Astronomy and Astrophysics</i> , 2019, 627, L1.	5.1	12
23	The ultra-diffuse galaxy NGC 1052-DF2 with MUSE. <i>Astronomy and Astrophysics</i> , 2019, 625, A77.	5.1	49
24	The Number of Dwarf Satellites of Disk Galaxies versus their Bulge Mass in the Standard Model of Cosmology. <i>Astrophysical Journal</i> , 2019, 870, 50.	4.5	12
25	A whirling plane of satellite galaxies around Centaurus A challenges cold dark matter cosmology. <i>Science</i> , 2018, 359, 534-537.	12.6	127
26	A whirling plane of satellite galaxies around Centaurus A challenges CDM cosmology. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 473-476.	0.0	0
27	A common Milgromian acceleration scale in nature. <i>Nature Astronomy</i> , 2018, 2, 925-926.	10.1	30
28	Does the galaxy NGC1052â€œDF2 falsify Milgromian dynamics?. <i>Nature</i> , 2018, 561, E4-E5.	27.8	46
29	The Leo-I group: new dwarf galaxy and ultra diffuse galaxy candidates. <i>Astronomy and Astrophysics</i> , 2018, 615, A105.	5.1	63
30	Distances from the tip of the red giant branch to the dwarf galaxies dw1335-29 and dw1340-30 in the Centaurus group. <i>Astronomy and Astrophysics</i> , 2018, 615, A96.	5.1	28
31	The Mâ€œ101 group complex: new dwarf galaxy candidates and spatial structure. <i>Astronomy and Astrophysics</i> , 2017, 602, A119.	5.1	69
32	New low surface brightness dwarf galaxies in the Centaurus group. <i>Astronomy and Astrophysics</i> , 2017, 597, A7.	5.1	58
33	Testing the two planes of satellites in the Centaurus group. <i>Astronomy and Astrophysics</i> , 2016, 595, A119.	5.1	47
34	New dwarf galaxy candidates in the Centaurus group. <i>Astronomy and Astrophysics</i> , 2015, 583, A79.	5.1	54