

Marcio Maia

List of Publications by Year in descending order

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69
papers

5,893
citations

101543

36
h-index

91884

69
g-index

70
all docs

70
docs citations

70
times ranked

6490
citing authors

#	ARTICLE	IF	CITATIONS
1	From the Fire: A Deeper Look at the Phoenix Stream. <i>Astrophysical Journal</i> , 2022, 925, 118.	4.5	8
2	A Search of the Full Six Years of the Dark Energy Survey for Outer Solar System Objects. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 41.	7.7	27
3	The Dark Energy Survey Bright Arcs Survey: Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey 5000 Square Degree Footprint. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 27.	7.7	4
4	DeepZipper: A Novel Deep-learning Architecture for Lensed Supernovae Identification. <i>Astrophysical Journal</i> , 2022, 927, 109.	4.5	5
5	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. <i>Astrophysical Journal</i> , 2022, 929, 115.	4.5	9
6	Milky Way Satellite Census. IV. Constraints on Decaying Dark Matter from Observations of Milky Way Satellite Galaxies. <i>Astrophysical Journal</i> , 2022, 932, 128.	4.5	16
7	Superclustering with the Atacama Cosmology Telescope and Dark Energy Survey. I. Evidence for Thermal Energy Anisotropy Using Oriented Stacking. <i>Astrophysical Journal</i> , 2022, 933, 134.	4.5	6
8	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 18.	7.7	56
9	The Atacama Cosmology Telescope: A Catalog of ~ 4000 Sunyaev-Zel'dovich Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 3.	7.7	118
10	Constraints on Dark Matter Properties from Observations of Milky Way Satellite Galaxies. <i>Physical Review Letters</i> , 2021, 126, 091101.	7.8	144
11	Identifying RR Lyrae Variable Stars in Six Years of the Dark Energy Survey. <i>Astrophysical Journal</i> , 2021, 911, 109.	4.5	18
12	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 24.	7.7	93
13	The Dark Energy Survey Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 20.	7.7	120
14	A Deeper Look at DES Dwarf Galaxy Candidates: Grus i and Indus ii. <i>Astrophysical Journal</i> , 2021, 916, 81.	4.5	14
15	Modelling the Milky Way – I. Method and first results fitting the thick disc and halo with DES-Y3 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1547-1562.	4.4	15
16	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2017/2018 follow-up campaign: discovery of 10 lensed quasars and 10 quasar pairs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3491-3511.	4.4	34
17	Observation and confirmation of nine strong-lensing systems in Dark Energy Survey Year 1 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1308-1322.	4.4	6
18	Stellar mass as a galaxy cluster mass proxy: application to the Dark Energy Survey redMaPPer clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4591-4606.	4.4	28

#	ARTICLE	IF	CITATIONS
19	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408+5354. Monthly Notices of the Royal Astronomical Society, 2020, 494, 6072-6102.	4.4	140
20	Birds of a Feather? Magellan/IMACS Spectroscopy of the Ultra-faint Satellites Grus II, Tucana IV, and Tucana V*. Astrophysical Journal, 2020, 892, 137.	4.5	43
21	Trans-Neptunian Objects Found in the First Four Years of the Dark Energy Survey. Astrophysical Journal, Supplement Series, 2020, 247, 32.	7.7	27
22	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. Astrophysical Journal, Supplement Series, 2020, 246, 16.	7.7	33
23	Milky Way Satellite Census. I. The Observational Selection Function for Milky Way Satellites in DES Y3 and Pan-STARRS DR1. Astrophysical Journal, 2020, 893, 47.	4.5	110
24	Milky Way Satellite Census. II. Galaxy-Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. Astrophysical Journal, 2020, 893, 48.	4.5	101
25	Dust Reverberation Mapping in Distant Quasars from Optical and Mid-infrared Imaging Surveys. Astrophysical Journal, 2020, 900, 58.	4.5	22
26	Constraints on the Physical Properties of GW190814 through Simulations Based on DECam Follow-up Observations by the Dark Energy Survey. Astrophysical Journal, 2020, 901, 83.	4.5	28
27	A DESGW Search for the Electromagnetic Counterpart to the LIGO/Virgo Gravitational-wave Binary Neutron Star Merger Candidate S190510g. Astrophysical Journal, 2020, 903, 75.	4.5	8
28	The SPTpol Extended Cluster Survey. Astrophysical Journal, Supplement Series, 2020, 247, 25.	7.7	101
29	A Statistical Standard Siren Measurement of the Hubble Constant from the LIGO/Virgo Gravitational Wave Compact Object Merger GW190814 and Dark Energy Survey Galaxies. Astrophysical Journal Letters, 2020, 900, L33.	8.3	74
30	Search for RR Lyrae stars in DES ultrafaint systems: Grus I, Kim 2, Phoenix II, and Grus III. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2183-2199.	4.4	35
31	An Extended Catalog of Galaxy-Galaxy Strong Gravitational Lenses Discovered in DES Using Convolutional Neural Networks. Astrophysical Journal, Supplement Series, 2019, 243, 17.	7.7	77
32	Astrometry and Occultation Predictions to Trans-Neptunian and Centaur Objects Observed within the Dark Energy Survey. Astronomical Journal, 2019, 157, 120.	4.7	8
33	Finding high-redshift strong lenses in DES using convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5330-5349.	4.4	62
34	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binary Black-hole Merger GW170814. Astrophysical Journal Letters, 2019, 876, L7.	8.3	179
35	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. Astrophysical Journal Letters, 2019, 872, L30.	8.3	201
36	A Search for Optical Emission from Binary Black Hole Merger GW170814 with the Dark Energy Camera. Astrophysical Journal Letters, 2019, 873, L24.	8.3	14

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37	The Morphology and Structure of Stellar Populations in the Fornax Dwarf Spheroidal Galaxy from Dark Energy Survey Data. <i>Astrophysical Journal</i> , 2019, 881, 118.	4.5	27
38	A DECam Search for Explosive Optical Transients Associated with IceCube Neutrino Alerts. <i>Astrophysical Journal</i> , 2019, 883, 125.	4.5	8
39	Extreme Variability Quasars from the Sloan Digital Sky Survey and the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 854, 160.	4.5	87
40	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 33.	7.7	192
41	Forward Global Photometric Calibration of the Dark Energy Survey. <i>Astronomical Journal</i> , 2018, 155, 41.	4.7	74
42	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping from the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 862, 123.	4.5	50
43	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 18.	7.7	455
44	A catalogue of structural and morphological measurements for DES Y1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2018-2040.	4.4	23
45	Stellar Streams Discovered in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 862, 114.	4.5	193
46	A Search for Kilonovae in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2017, 837, 57.	4.5	34
47	Discovery and Physical Characterization of a Large Scattered Disk Object at 92 au. <i>Astrophysical Journal Letters</i> , 2017, 839, L15.	8.3	28
48	A Study of Quasar Selection in the Supernova Fields of the Dark Energy Survey. <i>Astronomical Journal</i> , 2017, 153, 107.	4.7	21
49	Astrometric Calibration and Performance of the Dark Energy Camera. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 074503.	3.1	40
50	Discovery of the Lensed Quasar System DES J0408-5354. <i>Astrophysical Journal Letters</i> , 2017, 838, L15.	8.3	32
51	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. II. UV, Optical, and Near-infrared Light Curves and Comparison to Kilonova Models. <i>Astrophysical Journal Letters</i> , 2017, 848, L17.	8.3	656
52	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. I. Discovery of the Optical Counterpart Using the Dark Energy Camera. <i>Astrophysical Journal Letters</i> , 2017, 848, L16.	8.3	392
53	The DES Bright Arcs Survey: Hundreds of Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey Science Verification and Year 1 Observations. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 15.	7.7	48
54	The Dark Energy Survey view of the Sagittarius stream: discovery of two faint stellar system candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 97-108.	4.4	36

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55	Evidence for Dynamically Driven Formation of the GW170817 Neutron Star Binary in NGC 4993. <i>Astrophysical Journal Letters</i> , 2017, 849, L34.	8.3	49
56	ASSESSMENT OF SYSTEMATIC CHROMATIC ERRORS THAT IMPACT SUB-1% PHOTOMETRIC PRECISION IN LARGE-AREA SKY SURVEYS. <i>Astronomical Journal</i> , 2016, 151, 157.	4.7	24
57	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L33.	8.3	55
58	DISCOVERY OF A STELLAR OVERDENSITY IN ERIDANUSâ€“PHOENIX IN THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2016, 817, 135.	4.5	36
59	OBSERVATION AND CONFIRMATION OF SIX STRONG-LENSING SYSTEMS IN THE DARK ENERGY SURVEY SCIENCE VERIFICATION DATA*. <i>Astrophysical Journal</i> , 2016, 827, 51.	4.5	21
60	A DECAM SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. <i>Astrophysical Journal Letters</i> , 2016, 826, L29.	8.3	38
61	Digging deeper into the Southern skies: a compact Milky Way companion discovered in first-year Dark Energy Survey data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 603-612.	4.4	53
62	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2015, 813, 109.	4.5	405
63	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , 2015, 150, 172.	4.7	128
64	Discovery of two gravitationally lensed quasars in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 1260-1265.	4.4	41
65	DES J0454âˆ“4448: discovery of the first luminous $z < i > z < /i > \approx 6$ quasar from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 3952-3961.	4.4	60
66	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , 2015, 150, 82.	4.7	107
67	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. <i>Astrophysical Journal</i> , 2015, 807, 50.	4.5	466
68	A simple prescription for simulating and characterizing gravitational arcs. <i>Astronomy and Astrophysics</i> , 2013, 549, A80.	5.1	7
69	Star-galaxy classification in the Dark Energy Survey Y1 dataset. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	19