

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	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
2	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. <i>Astrophysical Journal</i> , 2015, 807, 50.	4.5	466
3	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 18.	7.7	455
4	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2015, 813, 109.	4.5	405
5	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
6	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. <i>Astrophysical Journal Letters</i> , 2019, 872, L30.	8.3	201
7	Stellar Streams Discovered in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 862, 114.	4.5	193
8	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 33.	7.7	192
9	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. <i>Astrophysical Journal Letters</i> , 2019, 876, L7.	8.3	179
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	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408+5354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 6072-6102.	4.4	140
12	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , 2015, 150, 172.	4.7	128
13	The Dark Energy Survey Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 20.	7.7	120
14	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaev-Zeldovich Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 3.	7.7	118
15	Milky Way Satellite Census. I. The Observational Selection Function for Milky Way Satellites in DES Y3 and Pan-STARRS DR1. <i>Astrophysical Journal</i> , 2020, 893, 47.	4.5	110
16	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , 2015, 150, 82.	4.7	107
17	Milky Way Satellite Census. II. Galaxy Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2020, 893, 48.	4.5	101
18	The SPTpol Extended Cluster Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 25.	7.7	101

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19	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 24.	7.7	93
20	Extreme Variability Quasars from the Sloan Digital Sky Survey and the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 854, 160.	4.5	87
21	An Extended Catalog of Galaxy-Galaxy Strong Gravitational Lenses Discovered in DES Using Convolutional Neural Networks. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 17.	7.7	77
22	Forward Global Photometric Calibration of the Dark Energy Survey. <i>Astronomical Journal</i> , 2018, 155, 41.	4.7	74
23	A Statistical Standard Siren Measurement of the Hubble Constant from the LIGO/Virgo Gravitational Wave Compact Object Merger GW190814 and Dark Energy Survey Galaxies. <i>Astrophysical Journal Letters</i> , 2020, 900, L33.	8.3	74
24	Finding high-redshift strong lenses in DES using convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5330-5349.	4.4	62
25	DES J0454+4448: discovery of the first luminous $z \sim 6$ quasar from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 3952-3961.	4.4	60
26	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
27	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
28	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
29	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping from the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 862, 123.	4.5	50
30	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
31	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
32	Birds of a Feather? Magellan/IMACS Spectroscopy of the Ultra-faint Satellites Grus II, Tucana IV, and Tucana V*. <i>Astrophysical Journal</i> , 2020, 892, 137.	4.5	43
33	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
34	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
35	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
36	DISCOVERY OF A STELLAR OVERDENSITY IN ERIDANUS—PHOENIX IN THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2016, 817, 135.	4.5	36

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37	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
38	Search for RR Lyrae stars in DES ultrafaint systems: Grus \hat{A} I, Kim \hat{A} 2, Phoenix \hat{A} II, and Grus \hat{A} II. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2183-2199.	4.4	35
39	A Search for Kilonovae in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2017, 837, 57.	4.5	34
40	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
41	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 16.	7.7	33
42	Discovery of the Lensed Quasar System DES J0408-5354. <i>Astrophysical Journal Letters</i> , 2017, 838, L15.	8.3	32
43	Discovery and Physical Characterization of a Large Scattered Disk Object at 92 au. <i>Astrophysical Journal Letters</i> , 2017, 839, L15.	8.3	28
44	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
45	Constraints on the Physical Properties of GW190814 through Simulations Based on DECam Follow-up Observations by the Dark Energy Survey. <i>Astrophysical Journal</i> , 2020, 901, 83.	4.5	28
46	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
47	Trans-Neptunian Objects Found in the First Four Years of the Dark Energy Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 32.	7.7	27
48	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
49	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
50	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
51	Dust Reverberation Mapping in Distant Quasars from Optical and Mid-infrared Imaging Surveys. <i>Astrophysical Journal</i> , 2020, 900, 58.	4.5	22
52	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
53	A Study of Quasar Selection in the Supernova Fields of the Dark Energy Survey. <i>Astronomical Journal</i> , 2017, 153, 107.	4.7	21
54	Star-galaxy classification in the Dark Energy Survey Y1 dataset. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	19

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55	Identifying RR Lyrae Variable Stars in Six Years of the Dark Energy Survey. <i>Astrophysical Journal</i> , 2021, 911, 109.	4.5	18
56	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
57	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
58	A Search for Optical Emission from Binary Black Hole Merger GW170814 with the Dark Energy Camera. <i>Astrophysical Journal Letters</i> , 2019, 873, L24.	8.3	14
59	A Deeper Look at DES Dwarf Galaxy Candidates: Grus i and Indus ii. <i>Astrophysical Journal</i> , 2021, 916, 81.	4.5	14
60	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. <i>Astrophysical Journal</i> , 2022, 929, 115.	4.5	9
61	Astrometry and Occultation Predictions to Trans-Neptunian and Centaur Objects Observed within the Dark Energy Survey. <i>Astronomical Journal</i> , 2019, 157, 120.	4.7	8
62	A DECam Search for Explosive Optical Transients Associated with IceCube Neutrino Alerts. <i>Astrophysical Journal</i> , 2019, 883, 125.	4.5	8
63	A DESGW Search for the Electromagnetic Counterpart to the LIGO/Virgo Gravitational-wave Binary Neutron Star Merger Candidate S190510g. <i>Astrophysical Journal</i> , 2020, 903, 75.	4.5	8
64	From the Fire: A Deeper Look at the Phoenix Stream. <i>Astrophysical Journal</i> , 2022, 925, 118.	4.5	8
65	A simple prescription for simulating and characterizing gravitational arcs. <i>Astronomy and Astrophysics</i> , 2013, 549, A80.	5.1	7
66	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
67	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
68	DeepZipper: A Novel Deep-learning Architecture for Lensed Supernovae Identification. <i>Astrophysical Journal</i> , 2022, 927, 109.	4.5	5
69	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