

Domitilla de Martino

List of Publications by Year in descending order

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128
papers

17,397
citations

101384

36
h-index

20900

115
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131
all docs

131
docs citations

131
times ranked

12177
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A1.	2.1	6,364
2	The<i>Gaia</i>mission. Astronomy and Astrophysics, 2016, 595, A1.	2.1	4,509
3	<i>Gaia</i>Data Release 1. Astronomy and Astrophysics, 2016, 595, A2.	2.1	1,590
4	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A10.	2.1	638
5	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2018, 616, A12.	2.1	491
6	Magnetic White Dwarfs. Space Science Reviews, 2015, 191, 111-169.	3.7	231
7	SDSS unveils a population of intrinsically faint cataclysmic variables at the minimum orbital period. Monthly Notices of the Royal Astronomical Society, 2009, 397, 2170-2188.	1.6	201
8	Science with e-ASTROGAM. Journal of High Energy Astrophysics, 2018, 19, 1-106.	2.4	177
9	The Large Observatory for X-ray Timing (LOFT). Experimental Astronomy, 2012, 34, 415-444.	1.6	168
10	The e-ASTROGAM mission. Experimental Astronomy, 2017, 44, 25-82.	1.6	167
11	The THESEUS space mission concept: science case, design and expected performances. Advances in Space Research, 2018, 62, 191-244.	1.2	133
12	A planetesimal orbiting within the debris disc around a white dwarf star. Science, 2019, 364, 66-69.	6.0	131
13	eXTP: Enhanced X-ray Timing and Polarization mission. Proceedings of SPIE, 2016, , .	0.8	106
14	X-ray follow-ups of XSSâ€œJ12270-4859: a low-mass X-ray binary with gamma-ray<i>Fermi</i>-LAT association. Astronomy and Astrophysics, 2013, 550, A89.	2.1	102
15	Anomalous Ultraviolet Line Flux Ratios in the Cataclysmic Variables 1RXS J232953.9+062814, CE 315, BZ Ursae Majoris, and EY Cygni, Observed with theHubble Space TelescopeSpace Telescope Imaging Spectrograph. Astrophysical Journal, 2003, 594, 443-448.	1.6	101
16	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2019, 623, A110.	2.1	101
17	Farâ€œUltraviolet Spectroscopy of Magnetic Cataclysmic Variables. Astrophysical Journal, 2005, 622, 589-601.	1.6	88
18	X-ray coherent pulsations during a sub-luminous accretion disc state of the transitional millisecond pulsar XSS J12270â€œ4859. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 449, L26-L30.	1.2	82

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19	The intriguing nature of the high-energy gamma ray source XSS J12270-4859. <i>Astronomy and Astrophysics</i> , 2010, 515, A25.	2.1	82
20	The RIASS coronathon: Joint X-ray and ultraviolet observations of normal F-K stars. <i>Astrophysical Journal, Supplement Series</i> , 1995, 96, 223.	3.0	79
21	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 601, A19.	2.1	77
22	Effective temperatures of cataclysmic-variable white dwarfs as a probe of their evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2855-2878.	1.6	69
23	Characterization of new hard X-ray cataclysmic variables. <i>Astronomy and Astrophysics</i> , 2012, 542, A22.	2.1	58
24	The equatorial disc of the Be star X Persei. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, 785-799.	1.6	50
25	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	2.0	50
26	Unveiling the redback nature of the low-mass X-ray binary XSS J1227.0-4859 through optical observations.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3004-3014.	1.6	47
27	Sensitivity of the Cherenkov Telescope Array to a dark matter signal from the Galactic centre. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 057-057.	1.9	46
28	<i>Gaia</i> white dwarfs within 40 pc. I. Spectroscopic observations of new candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 130-145.	1.6	45
29	AR Ursae Majoris: The First High-Field Magnetic Cataclysmic Variable. <i>Astrophysical Journal</i> , 1996, 473, 483-493.	1.6	44
30	BeppoSAX observations of soft X-ray intermediate polars. <i>Astronomy and Astrophysics</i> , 2004, 415, 1009-1019.	2.1	43
31	Two new intermediate polars with a soft X-ray component. <i>Astronomy and Astrophysics</i> , 2008, 489, 1243-1254.	2.1	43
32	Constraining the evolution of cataclysmic variables via the masses and accretion rates of their underlying white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 6110-6132.	1.6	43
33	VLT/FORS spectroscopy of faint cataclysmic variables discovered by the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 373, 687-699.	1.6	42
34	A ZZ Ceti white dwarf in SDSS J133941.11+484727.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 365, 969-976.	1.6	40
35	Pulsating in Unison at Optical and X-Ray Energies: Simultaneous High Time Resolution Observations of the Transitional Millisecond Pulsar PSR J1023+0038. <i>Astrophysical Journal</i> , 2019, 882, 104.	1.6	39
36	Multiwavelength observations of the transitional millisecond pulsar binary XSS J12270-4859. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2190-2198.	1.6	38

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37	A universal relation for the propeller mechanisms in magnetic rotating stars at different scales. <i>Astronomy and Astrophysics</i> , 2018, 610, A46.	2.1	38
38	UNAMBIGUOUS DETECTION OF REFLECTION IN MAGNETIC CATAclySMIC VARIABLES: JOINT <i>NuSTAR</i> & <i>XMM-NEWTON</i> OBSERVATIONS OF THREE INTERMEDIATE POLARS. <i>Astrophysical Journal Letters</i> , 2015, 807, L30.	3.0	37
39	The X-ray emission of the intermediate polar V 709 Cas. <i>Astronomy and Astrophysics</i> , 2001, 377, 499-511.	2.1	37
40	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. <i>Astroparticle Physics</i> , 2019, 111, 35-53.	1.9	35
41	1RXS J173021.5-055933: a cataclysmic variable with a fast-spinning magnetic white dwarf. <i>Astronomy and Astrophysics</i> , 2008, 481, 149-159.	2.1	30
42	The long period intermediate polar 1RXS J154814.5-452845. <i>Astronomy and Astrophysics</i> , 2006, 449, 1151-1160.	2.1	29
43	LOFT: the Large Observatory For X-ray Timing. <i>Proceedings of SPIE</i> , 2012, , .	0.8	29
44	Hard X-ray cataclysmic variables. <i>Advances in Space Research</i> , 2020, 66, 1209-1225.	1.2	29
45	SDSS J233325.92+152222.1 and the evolution of intermediate polars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 378, 635-640.	1.6	27
46	Orbital periods of cataclysmic variables identified by the SDSS - II. Measurements for six objects, including two eclipsing systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 382, 1145-1157.	1.6	27
47	X-ray confirmation of the intermediate polar HT Cam. <i>Astronomy and Astrophysics</i> , 2005, 437, 935-945.	2.1	25
48	X-ray/optical observations of A0535+26/HDE 245770 in quiescence. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004, 132, 476-485.	0.5	24
49	On the nature of the hard X-ray sources SWIFT J1907.3+2050, IGR J12123+5802 and IGR J19552+0044. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2822-2834.	1.6	24
50	Prolonged sub-luminous state of the new transitional pulsar candidate CXOU J110926.4+650224. <i>Astronomy and Astrophysics</i> , 2019, 622, A211.	2.1	24
51	The X-ray properties of the magnetic cataclysmic variable UU Columbae. <i>Astronomy and Astrophysics</i> , 2006, 454, 287-294.	2.1	23
52	Broad-band properties of the hard X-ray cataclysmic variables IGR J00234+6141 and 1RXS J213344.1+510725. <i>Astronomy and Astrophysics</i> , 2009, 501, 1047-1058.	2.1	23
53	IGR J00234+6141: a new INTEGRAL source identified as an intermediate polar. <i>Astronomy and Astrophysics</i> , 2007, 473, 185-189.	2.1	22
54	Broad-band characteristics of seven new hard X-ray selected cataclysmic variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4815-4837.	1.6	21

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55	Multiband study of RX J0838.4+2827 and XMM J083850.4+282759: a new asynchronous magnetic cataclysmic variable and a candidate transitional millisecond pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2902-2916.	1.6	21
56	A model for the optical high state light curve of AM Herculis. <i>Astronomy and Astrophysics</i> , 2001, 372, 557-562.	2.1	21
57	A 150 MG Magnetic White Dwarf in the Cataclysmic Variable RX J1554.2+2721. <i>Astrophysical Journal</i> , 2004, 613, L141-L144.	1.6	17
58	The First Continuous Optical Monitoring of the Transitional Millisecond Pulsar PSR J1023+0038 with Kepler. <i>Astrophysical Journal Letters</i> , 2018, 858, L12.	3.0	17
59	Evidence for mass accretion driven by spiral shocks onto the white dwarf in SDSS J123813.73+033933.0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1080-1103.	1.6	17
60	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
61	Transitional Millisecond Pulsars. <i>Astrophysics and Space Science Library</i> , 2022, , 157-200.	1.0	16
62	RX J2133.7+5107: identification of a new long period Intermediate Polar. <i>Astronomy and Astrophysics</i> , 2006, 445, 1037-1040.	2.1	15
63	STREGA: STRucture and Evolution of the GALaxy. I. Survey overview and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3809-3828.	1.6	15
64	GW Librae: a unique laboratory for pulsations in an accreting white dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3929-3938.	1.6	15
65	Optical and ultraviolet pulsed emission from an accreting millisecond pulsar. <i>Nature Astronomy</i> , 2021, 5, 552-559.	4.2	15
66	X-ray observations of 4 Draconis: symbiotic binary or cataclysmic triple?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 346, 855-860.	1.6	14
67	The surprising Far-UV spectrum of the polar BY Camelopardalis. <i>Astronomy and Astrophysics</i> , 2003, 401, 1071-1076.	2.1	14
68	X-ray orbital modulation of a white dwarf accreting from an L dwarf. <i>Astronomy and Astrophysics</i> , 2017, 598, L6.	2.1	14
69	Wavelet and <i>R/S</i> analysis of the X-ray flickering of cataclysmic variables. <i>Astronomy and Astrophysics</i> , 2010, 519, A69.	2.1	13
70	Swift J2218.4+1925: a new hard-X-ray-selected polar observed with XMM-Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 1403-1411.	1.6	13
71	INTEGRAL View on cataclysmic variables and symbiotic binaries. <i>New Astronomy Reviews</i> , 2020, 91, 101547.	5.2	13
72	Multiwavelength monitoring of QS Tel. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 322, 631-642.	1.6	12

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73	Enhanced optical activity 12Å before X-ray activity, and a 4Å X-ray delay during outburst rise, in a low-mass X-ray binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3429-3439.	1.6	12
74	An accreting white dwarf displaying fast transitional mode switching. <i>Nature Astronomy</i> , 2022, 6, 98-102.	4.2	11
75	NEW X-RAY OBSERVATIONS OF THE OLD NOVA CP PUPPIS AND OF THE MORE RECENT NOVA V351 PUPPIS. <i>Astrophysical Journal</i> , 2009, 690, 1753-1763.	1.6	10
76	The Large Observatory for x-ray timing. <i>Proceedings of SPIE</i> , 2014, , .	0.8	10
77	<i>XMM-Newton</i> and INTEGRAL view of the hard state of EXO 1745âˆ’248 during its 2015 outburst. <i>Astronomy and Astrophysics</i> , 2017, 603, A39.	2.1	10
78	Localized thermonuclear bursts from accreting magnetic white dwarfs. <i>Nature</i> , 2022, 604, 447-450.	13.7	10
79	The X-ray emission of Intermediate Polars: the BeppoSAX view and the role of current missions. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004, 132, 693-696.	0.5	9
80	LOFT: a large observatory for x-ray timing. <i>Proceedings of SPIE</i> , 2010, , .	0.8	9
81	The LOFT mission concept: a status update. <i>Proceedings of SPIE</i> , 2016, , .	0.8	9
82	NuSTAR and Parkes observations of the transitional millisecond pulsar binary XSSâ€‰J12270â€‰4859 in the rotation-powered state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5607-5619.	1.6	9
83	DISCOVERY OF A NOVA-LIKE CATAclysmic VARIABLE IN THE<i>KEPLER MISSION</i>FIELD. <i>Astronomical Journal</i> , 2010, 139, 2587-2594.	1.9	8
84	2PBCâ€‰J0658.0â€‰1746: a hard X-ray eclipsing polar in the orbital period gap. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1044-1053.	1.6	8
85	The INTEGRAL view of the pulsating hard X-ray sky: from accreting and transitional millisecond pulsars to rotation-powered pulsars and magnetars. <i>New Astronomy Reviews</i> , 2020, 91, 101544.	5.2	8
86	Rapid variability of accretion in AM Herculis. <i>Astronomy and Astrophysics</i> , 2002, 396, 213-217.	2.1	8
87	UV observations of Cataclysmic Variables. <i>Astrophysics and Space Science</i> , 2009, 320, 135-140.	0.5	7
88	On the nature of CP Pup. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 212-221.	1.6	7
89	Building galaxies, stars, planets and the ingredients for life between the stars. The science behind the European Ultraviolet-Visible Observatory. <i>Astrophysics and Space Science</i> , 2014, 354, 229-246.	0.5	7
90	Swiftâ€‰J0525.6+2416 and IGRâ€‰J04571+4527: two new hard X-ray-selected magnetic cataclysmic variables identified withXMMâ€‰Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3101-3107.	1.6	7

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91	Multiwavelength study of RX J2015.6+3711: a magnetic cataclysmic variable with a 2-h spin period. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1913-1923.	1.6	7
92	IGR J14257+6117, a magnetic accreting white dwarf with a very strong X-ray orbital modulation. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1185-1192.	1.6	7
93	The true nature of Swift J0746.3-1608: a possible Intermediate Polar showing accretion state changes. Monthly Notices of the Royal Astronomical Society, 2019, 484, 101-106.	1.6	7
94	Analysis of the white-light flickering of the intermediate polar V709 Cassiopeiae with wavelets and Hurst analysis. Astronomy and Astrophysics, 2009, 502, 1-5.	2.1	7
95	First detections of the cataclysmic variable AE Aquarii in the near to far infrared with ISO and IRAS: Investigating the various possible thermal and non-thermal contributions. Astronomy and Astrophysics, 2005, 433, 1063-1077.	2.1	7
96	Multifrequency observations of KAZ 102 during the ROSAT all-sky survey. Astrophysical Journal, 1995, 442, 589.	1.6	7
97	Time domain astronomy with the THESEUS satellite. Experimental Astronomy, 2021, 52, 309-406.	1.6	7
98	Simultaneous X-ray and radio observations of the transitional millisecond pulsar candidate CXOU J110926.4-650224. Astronomy and Astrophysics, 2021, 655, A52.	2.1	7
99	Triggering microminor novae through magnetically confined accretion flows in accreting white dwarfs. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 514, L11-L15.	0.7	7
100	Swift J201424.9+152930: discovery of a new deeply eclipsing binary with 491-s and 3.4-h modulations. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1705-1715.	1.6	6
101	Search for multiwavelength emission from the binary millisecond pulsar PSR J1836-2354A in the globular cluster M22. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3992-4000.	1.6	6
102	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2020, 642, C1.	2.1	6
103	IUE and ISO observations of the bipolar proto-planetary nebula Hen 401 (IRAS 10178-5958). Astronomy and Astrophysics, 2001, 376, 941-949.	2.1	6
104	The e-ASTROGAM gamma-ray space observatory for the multimessenger astronomy of the 2030s. , 2018, , .		6
105	Evidence of intra-binary shock emission from the redback pulsar PSR J1048+2339. Astronomy and Astrophysics, 2021, 649, A120.	2.1	5
106	Spin-resolved optical CCD spectroscopy and photometry of BG Canis Minoris. Monthly Notices of the Royal Astronomical Society, 1994, 267, 1095-1102.	1.6	4
107	SPECTROSCOPY FROM THE HUBBLE SPACE TELESCOPE COSMIC ORIGINS SPECTROGRAPH OF THE SOUTHERN NOVA-LIKE BB DORADUS IN AN INTERMEDIATE STATE. Astrophysical Journal, 2016, 833, 146.	1.6	4
108	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2020, 637, C3.	2.1	4

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109	Fourteen years of multifrequency-coordinated observations of the X-ray/Be system A 0535+26/HDE 245770. <i>Astrophysics and Space Science</i> , 1990, 169, 139-145.	0.5	3
110	Stellar And Galactic Environment survey (SAGE). <i>Experimental Astronomy</i> , 2009, 23, 169-191.	1.6	3
111	A Far-Ultraviolet Spectroscopic Analysis of BZ Ursae Majoris. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 1071-1075.	1.0	3
112	CXO J004318.8+412016, a steady supersoft X-ray source in M 31. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 2212-2224.	1.6	3
113	Ultraviolet Studies Of Interacting Binaries. <i>Astrophysics and Space Science</i> , 2006, 303, 53-68.	0.5	2
114	Fundamental Problems in Astrophysics. <i>Astrophysics and Space Science</i> , 2006, 303, 133-145.	0.5	2
115	The broad-band X-ray spectrum of RE 0751+14 (PQ Gem). <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999, 69, 372-375.	0.5	1
116	Stellar and galactic environment survey (SAGE). <i>Astrophysics and Space Science</i> , 2009, 320, 231-238.	0.5	1
117	Fundamental Problems in Astrophysics. , 2006, , 133-145.		1
118	Coordinated X-ray and ultraviolet observations of the intermediate polar H2215-086. <i>Advances in Space Research</i> , 1988, 8, 309-314.	1.2	0
119	X-ray variability in transient X-ray sources. <i>Il Nuovo Cimento Della Societ� Italiana Di Fisica C</i> , 1990, 13, 471-479.	0.2	0
120	BeppoSAX observations of AM Her type stars. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999, 69, 368-371.	0.5	0
121	X-ray properties of new magnetic Cataclysmic Variables. , 2007, , .		0
122	Exploring the Hard and Soft X-ray Emission of Magnetic Cataclysmic Variables. , 2009, , .		0
123	SPIN PERIODICITY MEASUREMENTS OF WHITE DWARFS HOSTED IN SOUTHERN HARD X-RAY INTERMEDIATE POLAR CANDIDATES. <i>International Journal of Modern Physics D</i> , 2010, 19, 797-803.	0.9	0
124	Magnetic Accreting White Dwarfs in the XMM-Newton Era. , 2010, , .		0
125	Hubble COS Spectroscopy of the Dwarf Nova CW Mon: The White Dwarf in Quiescence?[*]. <i>Astronomical Journal</i> , 2017, 154, 48.	1.9	0
126	The First Orbital Period of a Very Bright and Fast Nova in M31: M31N 2013-01b. <i>Astrophysical Journal</i> , 2018, 866, 125.	1.6	0

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127	Ultraviolet Studies of Interacting Binaries. , 2006, , 53-68.		0
128	Unveiling Accreting White Dwarf Binaries in Hard X-Ray Surveys. Thirty Years of Astronomical Discovery With UKIRT, 2016, , 257-262.	0.3	0