

Domitilla de Martino

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4822586/publications.pdf>

Version: 2024-02-01

128
papers

17,397
citations

101543

36
h-index

20961

115
g-index

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.	5.1	6,364
2	The<i>Gaia</i>mission. Astronomy and Astrophysics, 2016, 595, A1.	5.1	4,509
3	<i>Gaia</i>Data Release 1. Astronomy and Astrophysics, 2016, 595, A2.	5.1	1,590
4	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A10.	5.1	638
5	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2018, 616, A12.	5.1	491
6	Magnetic White Dwarfs. Space Science Reviews, 2015, 191, 111-169.	8.1	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.	4.4	201
8	Science with e-ASTROGAM. Journal of High Energy Astrophysics, 2018, 19, 1-106.	6.7	177
9	The Large Observatory for X-ray Timing (LOFT). Experimental Astronomy, 2012, 34, 415-444.	3.7	168
10	The e-ASTROGAM mission. Experimental Astronomy, 2017, 44, 25-82.	3.7	167
11	The THESEUS space mission concept: science case, design and expected performances. Advances in Space Research, 2018, 62, 191-244.	2.6	133
12	A planetesimal orbiting within the debris disc around a white dwarf star. Science, 2019, 364, 66-69.	12.6	131
13	eXTP: Enhanced X-ray Timing and Polarization mission. Proceedings of SPIE, 2016, , .	0.8	106
14	X-ray follow-ups of XSSâ€J12270-4859: a low-mass X-ray binary with gamma-ray<i>Fermi</i>-LAT association. Astronomy and Astrophysics, 2013, 550, A89.	5.1	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.	4.5	101
16	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2019, 623, A110.	5.1	101
17	Farâ€Ultraviolet Spectroscopy of Magnetic Cataclysmic Variables. Astrophysical Journal, 2005, 622, 589-601.	4.5	88
18	X-ray coherent pulsations during a sub-luminous accretion disc state of the transitional millisecond pulsar XSS J12270â€4859. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 449, L26-L30.	3.3	82

#	ARTICLE	IF	CITATIONS
19	The intriguing nature of the high-energy gamma ray source XSS J12270-4859. <i>Astronomy and Astrophysics</i> , 2010, 515, A25.	5.1	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.	7.7	79
21	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 601, A19.	5.1	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.	4.4	69
23	Characterization of new hard X-ray cataclysmic variables. <i>Astronomy and Astrophysics</i> , 2012, 542, A22.	5.1	58
24	The equatorial disc of the Be star X Persei. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, 785-799.	4.4	50
25	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	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.	4.4	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.	5.4	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.	4.4	45
29	AR Ursae Majoris: The First High-Field Magnetic Cataclysmic Variable. <i>Astrophysical Journal</i> , 1996, 473, 483-493.	4.5	44
30	BeppoSAX observations of soft X-ray intermediate polars. <i>Astronomy and Astrophysics</i> , 2004, 415, 1009-1019.	5.1	43
31	Two new intermediate polars with a soft X-ray component. <i>Astronomy and Astrophysics</i> , 2008, 489, 1243-1254.	5.1	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.	4.4	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.	4.4	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.	4.4	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.	4.5	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.	4.4	38

#	ARTICLE	IF	CITATIONS
37	A universal relation for the propeller mechanisms in magnetic rotating stars at different scales. <i>Astronomy and Astrophysics</i> , 2018, 610, A46.	5.1	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.	8.3	37
39	The X-ray emission of the intermediate polar V 709 Cas. <i>Astronomy and Astrophysics</i> , 2001, 377, 499-511.	5.1	37
40	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. <i>Astroparticle Physics</i> , 2019, 111, 35-53.	4.3	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.	5.1	30
42	The long period intermediate polar 1RXS J154814.5-452845. <i>Astronomy and Astrophysics</i> , 2006, 449, 1151-1160.	5.1	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.	2.6	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.	4.4	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.	4.4	27
47	X-ray confirmation of the intermediate polar HT Cam. <i>Astronomy and Astrophysics</i> , 2005, 437, 935-945.	5.1	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.	0.4	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.	4.4	24
50	Prolonged sub-luminous state of the new transitional pulsar candidate CXOU J110926.4+650224. <i>Astronomy and Astrophysics</i> , 2019, 622, A211.	5.1	24
51	The X-ray properties of the magnetic cataclysmic variable UU Columbae. <i>Astronomy and Astrophysics</i> , 2006, 454, 287-294.	5.1	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.	5.1	23
53	IGR J00234+6141: a new INTEGRAL source identified as an intermediate polar. <i>Astronomy and Astrophysics</i> , 2007, 473, 185-189.	5.1	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.	4.4	21

#	ARTICLE	IF	CITATIONS
55	Multiband study of RX J0838.7+2827 and XMM J083850.4+282759: a new asynchronous magnetic cataclysmic variable and a candidate transitional millisecond pulsar. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2902-2916.	4.4	21
56	A model for the optical high state light curve of AM Herculis. Astronomy and Astrophysics, 2001, 372, 557-562.	5.1	21
57	A 150 MG Magnetic White Dwarf in the Cataclysmic Variable RX J1554.2+2721. Astrophysical Journal, 2004, 613, L141-L144.	4.5	17
58	The First Continuous Optical Monitoring of the Transitional Millisecond Pulsar PSR J1023+0038 with Kepler. Astrophysical Journal Letters, 2018, 858, L12.	8.3	17
59	Evidence for mass accretion driven by spiral shocks onto the white dwarf in SDSS J123813.73+033933.0. Monthly Notices of the Royal Astronomical Society, 2019, 483, 1080-1103.	4.4	17
60	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
61	Transitional Millisecond Pulsars. Astrophysics and Space Science Library, 2022, , 157-200.	2.7	16
62	RX J2133.7+5107: identification of a new long period Intermediate Polar. Astronomy and Astrophysics, 2006, 445, 1037-1040.	5.1	15
63	STREGA: STRucture and Evolution of the GALaxy. I. Survey overview and first results. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3809-3828.	4.4	15
64	GW Librae: a unique laboratory for pulsations in an accreting white dwarf. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3929-3938.	4.4	15
65	Optical and ultraviolet pulsed emission from an accreting millisecond pulsar. Nature Astronomy, 2021, 5, 552-559.	10.1	15
66	X-ray observations of 4 Draconis: symbiotic binary or cataclysmic triple?. Monthly Notices of the Royal Astronomical Society, 2003, 346, 855-860.	4.4	14
67	The surprising Far-UV spectrum of the polar BY Camelopardalis. Astronomy and Astrophysics, 2003, 401, 1071-1076.	5.1	14
68	X-ray orbital modulation of a white dwarf accreting from an L dwarf. Astronomy and Astrophysics, 2017, 598, L6.	5.1	14
69	Wavelet and R/S analysis of the X-ray flickering of cataclysmic variables. Astronomy and Astrophysics, 2010, 519, A69.	5.1	13
70	Swift J2218.4+1925: a new hard-X-ray-selected polar observed with XMM-Newton. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1403-1411.	4.4	13
71	INTEGRAL View on cataclysmic variables and symbiotic binaries. New Astronomy Reviews, 2020, 91, 101547.	12.8	13
72	Multiwavelength monitoring of QS Tel. Monthly Notices of the Royal Astronomical Society, 2001, 322, 631-642.	4.4	12

#	ARTICLE	IF	CITATIONS
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.	4.4	12
74	An accreting white dwarf displaying fast transitional mode switching. <i>Nature Astronomy</i> , 2022, 6, 98-102.	10.1	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.	4.5	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.	5.1	10
78	Localized thermonuclear bursts from accreting magnetic white dwarfs. <i>Nature</i> , 2022, 604, 447-450.	27.8	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.	0.4	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.	4.4	9
83	DISCOVERY OF A NOVA-LIKE CATAclysmic VARIABLE IN THE<i>KEPLER MISSION</i>FIELD. <i>Astronomical Journal</i> , 2010, 139, 2587-2594.	4.7	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.	4.4	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.	12.8	8
86	Rapid variability of accretion in AM Herculis. <i>Astronomy and Astrophysics</i> , 2002, 396, 213-217.	5.1	8
87	UV observations of Cataclysmic Variables. <i>Astrophysics and Space Science</i> , 2009, 320, 135-140.	1.4	7
88	On the nature of CP Pup. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 212-221.	4.4	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.	1.4	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.	4.4	7

#	ARTICLE	IF	CITATIONS
91	Multiwavelength study of RX J2015.6+3711: a magnetic cataclysmic variable with a 2-h spin period. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1913-1923.	4.4	7
92	IGR J14257+6117, a magnetic accreting white dwarf with a very strong X-ray orbital modulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 1185-1192.	4.4	7
93	The true nature of Swift J0746.3-1608: a possible Intermediate Polar showing accretion state changes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 101-106.	4.4	7
94	Analysis of the white-light flickering of the intermediate polar V709 Cassiopeiae with wavelets and Hurst analysis. <i>Astronomy and Astrophysics</i> , 2009, 502, 1-5.	5.1	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. <i>Astronomy and Astrophysics</i> , 2005, 433, 1063-1077.	5.1	7
96	Multifrequency observations of KAZ 102 during the ROSAT all-sky survey. <i>Astrophysical Journal</i> , 1995, 442, 589.	4.5	7
97	Time domain astronomy with the THESEUS satellite. <i>Experimental Astronomy</i> , 2021, 52, 309-406.	3.7	7
98	Simultaneous X-ray and radio observations of the transitional millisecond pulsar candidate CXOU J110926.4-650224. <i>Astronomy and Astrophysics</i> , 2021, 655, A52.	5.1	7
99	Triggering microminor novae through magnetically confined accretion flows in accreting white dwarfs. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 514, L11-L15.	3.0	7
100	Swift J201424.9+152930: discovery of a new deeply eclipsing binary with 491-s and 3.4-h modulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 1705-1715.	4.4	6
101	Search for multiwavelength emission from the binary millisecond pulsar PSR J1836-2354A in the globular cluster M22. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3992-4000.	4.4	6
102	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 642, C1.	5.1	6
103	IUE and ISO observations of the bipolar proto-planetary nebula Hen 401 (IRAS 10178-5958). <i>Astronomy and Astrophysics</i> , 2001, 376, 941-949.	5.1	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. <i>Astronomy and Astrophysics</i> , 2021, 649, A120.	5.1	5
106	Spin-resolved optical CCD spectroscopy and photometry of BG Canis Minoris. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 267, 1095-1102.	4.4	4
107	SPECTROSCOPY FROM THE HUBBLE SPACE TELESCOPE COSMIC ORIGINS SPECTROGRAPH OF THE SOUTHERN NOVA-LIKE BB DORADUS IN AN INTERMEDIATE STATE. <i>Astrophysical Journal</i> , 2016, 833, 146.	4.5	4
108	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 637, C3.	5.1	4

#	ARTICLE	IF	CITATIONS
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.	1.4	3
110	Stellar And Galactic Environment survey (SAGE). <i>Experimental Astronomy</i> , 2009, 23, 169-191.	3.7	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.	3.1	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.	4.4	3
113	Ultraviolet Studies Of Interacting Binaries. <i>Astrophysics and Space Science</i> , 2006, 303, 53-68.	1.4	2
114	Fundamental Problems in Astrophysics. <i>Astrophysics and Space Science</i> , 2006, 303, 133-145.	1.4	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.	0.4	1
116	Stellar and galactic environment survey (SAGE). <i>Astrophysics and Space Science</i> , 2009, 320, 231-238.	1.4	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.	2.6	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.	0.4	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.	2.1	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.	4.7	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.	4.5	0

#	ARTICLE	IF	CITATIONS
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