

# Margarita Hernanz

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

172  
papers

4,979  
citations

41  
h-index

65  
g-index

203  
ext. papers

5,502  
ext. citations

5.1  
avg, IF

5  
L-index

#	Paper	IF	Citations
172	Detection of ${}^7\text{Be}$ in the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 510, 5302-5314	4.3	0
171	${}^7\text{Be}$ in the outburst of the ONe nova V6595 Sgr. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 509, 3258-3267	4.3	1
170	Nova LMC 2009a as observed with XMM-Newton, compared with other novae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 3113-3134	4.3	1
169	Synthesis of radioactive elements in novae and supernovae and their use as a diagnostic tool. <i>New Astronomy Reviews</i> , <b>2021</b> , 92, 101606	7.9	2
168	INTEGRAL reloaded: Spacecraft, instruments and ground system. <i>New Astronomy Reviews</i> , <b>2021</b> , 93, 101629	6.9	5
167	Search for ${}^7\text{Be}$ in the outbursts of four recent novae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 4975-4985	4.3	13
166	Future gamma-ray missions: polarimetric prospects. <i>Experimental Astronomy</i> , <b>2019</b> , 48, 65-76	1.3	
165	Background for a gamma-ray satellite on a low-Earth orbit. <i>Experimental Astronomy</i> , <b>2019</b> , 47, 273-302	1.3	12
164	Early multiwavelength analysis of the recurrent nova V745 Sco. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 3691-3704	4.3	5
163	Application of the THM to the investigation of reactions induced by unstable nuclei: the ${}^{18}\text{F}(p, n){}^{18}\text{O}$ case. <i>EPJ Web of Conferences</i> , <b>2019</b> , 223, 01030	0.3	
162	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2019</b> , 62, 1	3.6	31
161	The enhanced X-ray Timing and Polarimetry mission eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2019</b> , 62, 1	3.6	95
160	Breaking the Habit: The Peculiar 2016 Eruption of the Unique Recurrent Nova M31N 2008-12a. <i>Astrophysical Journal</i> , <b>2018</b> , 857, 68	4.7	17
159	Science with e-ASTROGAM: A space mission for MeV-GeV gamma-ray astrophysics. <i>Journal of High Energy Astrophysics</i> , <b>2018</b> , 19, 1-106	2.5	101
158	Gamma-ray observations of Nova Sgr 2015 No. 2 with INTEGRAL. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 615, A107	5.1	12
157	STROBE-X: a probe-class mission for x-ray spectroscopy and timing on timescales from microseconds to years <b>2018</b> ,		10
156	The wide field monitor onboard the eXTP mission <b>2018</b> ,		2

155	The e-ASTROGAM gamma-ray space observatory for the multimessenger astronomy of the 2030s <b>2018</b> ,		1
154	What We Learn from the X-Ray Grating Spectra of Nova SMC 2016. <i>Astrophysical Journal</i> , <b>2018</b> , 862, 164-174	4.7	10
153	Binary Systems and Their Nuclear Explosions. <i>Astrophysics and Space Science Library</i> , <b>2018</b> , 287-375	0.3	
152	The THESEUS space mission concept: science case, design and expected performances. <i>Advances in Space Research</i> , <b>2018</b> , 62, 191-244	2.4	90
151	Pixel CdTe semiconductor module to implement a sub-MeV imaging detector for astrophysics. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, C03048-C03048	1	2
150	The e-ASTROGAM mission. <i>Experimental Astronomy</i> , <b>2017</b> , 44, 25-82	1.3	114
149	STROBE-X: X-ray timing and spectroscopy on dynamical timescales from microseconds to years. <i>Results in Physics</i> , <b>2017</b> , 7, 3704-3705	3.7	11
148	The supersoft X-ray source in V5116 Sagittarii. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 601, A93	5.1	4
147	A Trojan Horse Approach to the Production of $^{18}\text{F}$ in Novae. <i>Astrophysical Journal</i> , <b>2017</b> , 846, 65	4.7	25
146	Multiband study of RX J0838.0-8275 and XMM J083850.4-82759: a new asynchronous magnetic cataclysmic variable and a candidate transitional millisecond pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 2902-2916	4.3	15
145	Large Observatory for x-ray Timing (LOFT-P): a Probe-class mission concept study <b>2016</b> ,		4
144	The LOFT mission concept: a status update <b>2016</b> ,		7
143	Hard-X and gamma-ray imaging detector for astrophysics based on pixelated CdTe semiconductors. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, C01011-C01011	1	0
142	X-RAY FLASHES IN RECURRENT NOVAE: M31N 2008-12a AND THE IMPLICATIONS OF THESWIFTONDETECTION. <i>Astrophysical Journal</i> , <b>2016</b> , 830, 40	4.7	17
141	A remarkable recurrent nova in M31: Discovery and optical/UV observations of the predicted 2014 eruption(Corrigendum). <i>Astronomy and Astrophysics</i> , <b>2016</b> , 593, C3	5.1	4
140	Gamma-ray emission from SN2014J near maximum optical light. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 588, A67	5.1	28
139	COLLIMATION AND ASYMMETRY OF THE HOT BLAST WAVE FROM THE RECURRENT NOVA V745 Sco. <i>Astrophysical Journal</i> , <b>2016</b> , 825, 95	4.7	12
138	eXTP: Enhanced X-ray Timing and Polarization mission <b>2016</b> ,		73

137	M31N 2008-12a THE REMARKABLE RECURRENT NOVA IN M31: PANCHROMATIC OBSERVATIONS OF THE 2015 ERUPTION. <i>Astrophysical Journal</i> , <b>2016</b> , 833, 149	4.7	38
136	XIPE: the x-ray imaging polarimetry explorer <b>2016</b> ,		5
135	The e-ASTROGAM gamma-ray space mission <b>2016</b> ,		21
134	A remarkable recurrent nova in M31: Discovery and optical/UV observations of the predicted 2014 eruption. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 580, A45	5.1	33
133	A remarkable recurrent nova in M 31: The predicted 2014 outburst in X-rays with Swift. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 580, A46	5.1	29
132	Swift detection of the super-swift switch-on of the super-soft phase in nova V745 Sco (2014). <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 454, 3108-3120	4.3	32
131	Astrophysics: A lithium-rich stellar explosion. <i>Nature</i> , <b>2015</b> , 518, 307-8	50.4	6
130	The design of the wide field monitor for the LOFT mission <b>2014</b> ,		1
129	V2487 Oph 1998: a post nova in an intermediate polar. <i>EPJ Web of Conferences</i> , <b>2014</b> , 64, 07002	0.3	2
128	X-ray monitoring of classical novae in the central region of M 31 III. Autumn and winter 2009/10, 2010/11, and 2011/12. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 563, A2	5.1	52
127	The Large Observatory for x-ray timing <b>2014</b> ,		9
126	Bright radio emission from an ultraluminous stellar-mass microquasar in M 31. <i>Nature</i> , <b>2013</b> , 493, 187-90	50.4	93
125	Observing GRBs with the LOFT Wide Field Monitor. <i>EAS Publications Series</i> , <b>2013</b> , 61, 617-623	0.2	
124	Obscuration effects in super-soft-source X-ray spectra. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 559, A50	5.1	41
123	Observation of SN2011fe with INTEGRAL. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 552, A97	5.1	17
122	The Large Observatory for X-ray Timing (LOFT). <i>Experimental Astronomy</i> , <b>2012</b> , 34, 415-444	1.3	148
121	A DUAL mission for nuclear astrophysics. <i>Experimental Astronomy</i> , <b>2012</b> , 34, 583-622	1.3	14
120	The LOFT wide field monitor <b>2012</b> ,		6

119	Development and performance of a gamma-ray imaging detector <b>2012</b> ,		1
118	LOFT: the Large Observatory For X-ray Timing <b>2012</b> ,		21
117	Simulations of the x-ray imaging capabilities of the silicon drift detectors (SDD) for the LOFT wide-field monitor <b>2012</b> ,		2
116	High Energy Emission of Symbiotic Recurrent Novae: RS Oph and V407 Cyg. <i>Open Astronomy</i> , <b>2012</b> , 21,	0.9	1
115	CXOM31J004253.1+411422: the first ultraluminous X-ray transient in M31. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 538, A49	5.1	21
114	FROM X-RAY DIPS TO ECLIPSE: WITNESSING DISK REFORMATION IN THE RECURRENT NOVA U Sco. <i>Astrophysical Journal</i> , <b>2012</b> , 745, 43	4.7	34
113	M31N2008-05d: a M 31 disk nova with a dipping supersoft X-ray light curve. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 544, A44	5.1	2
112	X-ray monitoring of classical novae in the central region of M31. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 533, A52	5.1	40
111	Nova M31N 2007-12b: supersoft X-rays reveal an intermediate polar?. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 531, A22	5.1	14
110	Classical and Recurrent Nova Models. <i>Proceedings of the International Astronomical Union</i> , <b>2011</b> , 7, 80-87	0.1	3
109	Classical Novae as Supersoft X-ray Sources in the Andromeda Galaxy. <i>Proceedings of the International Astronomical Union</i> , <b>2011</b> , 7, 105-112	0.1	
108	XMM-NEWTON X-RAY AND ULTRAVIOLET OBSERVATIONS OF THE FAST NOVA V2491 Cyg DURING THE SUPERSOFT SOURCE PHASE. <i>Astrophysical Journal</i> , <b>2011</b> , 733, 70	4.7	42
107	Binary Systems and Their Nuclear Explosions. <i>Lecture Notes in Physics</i> , <b>2011</b> , 233-305	0.8	11
106	X-ray monitoring of classical novae in the central region of M31. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 523, A89	5.1	36
105	Research and development of a gamma-ray imaging spectrometer in the MeV range in Barcelona <b>2010</b> ,		2
104	X-ray observations of classical novae: Theoretical implications. <i>Astronomische Nachrichten</i> , <b>2010</b> , 331, 169-174	0.7	9
103	Recent discoveries of supersoft X-ray sources in M 31. <i>Astronomische Nachrichten</i> , <b>2010</b> , 331, 193-196	0.7	2
102	V5116 Sgr: A disc-eclipsed SSS post-outburst nova?. <i>Astronomische Nachrichten</i> , <b>2010</b> , 331, 201-204	0.7	6

101	Imaging detector development for nuclear astrophysics using pixelated CdTe. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 623, 434-436	1.2	3
100	The first two transient supersoft X-ray sources in M31 globular clusters and the connection to classical novae. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 500, 769-779	5.1	22
99	GRI: focusing on the evolving violent universe. <i>Experimental Astronomy</i> , <b>2009</b> , 23, 121-138	1.3	25
98	Gamma-Ray Lenses for Astrophysics and the Gamma-Ray Imager Mission GRI. <i>IEEE Transactions on Nuclear Science</i> , <b>2009</b> , 56, 1242-1249	1.7	
97	The very short supersoft X-ray state of the classical nova M31N2007-11a. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 498, L13-L16	5.1	9
96	Pre-nova X-ray observations of V2491 Cygni (Nova Cyg 2008b). <i>Astronomy and Astrophysics</i> , <b>2009</b> , 497, L5-L8	5.1	18
95	10 Gyr of classical nova explosions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2008</b> , 35, 014024	2.9	2
94	CdZnTe detector for hard x-ray and gamma-ray focusing telescope <b>2008</b> ,		5
93	V5116 Sagittarii, an Eclipsing Supersoft Postoutburst Nova?. <i>Astrophysical Journal</i> , <b>2008</b> , 675, L93-L96	4.7	16
92	Detectability of gamma-ray emission from classical novae with Swift/BAT. <i>Astronomy and Astrophysics</i> , <b>2008</b> , 485, 223-231	5.1	11
91	The recurrent nova RS Oph: A possible scenario for type Ia supernovae. <i>New Astronomy Reviews</i> , <b>2008</b> , 52, 386-389	7.9	16
90	Nucleosynthesis in classical nova explosions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2007</b> , 34, R431-R458	2.9	74
89	Experimental determination of the O17(p,n)N14 and O17(p,d)F18 reaction rates. <i>Physical Review C</i> , <b>2007</b> , 75,	2.7	46
88	XMM-Newton Observations of Nova Sagittarii 1998. <i>Astrophysical Journal</i> , <b>2007</b> , 664, 467-473	4.7	15
87	GRI: focusing on the evolving violent universe <b>2007</b> ,		8
86	Evidence for Nonlinear Diffusive Shock Acceleration of Cosmic Rays in the 2006 Outburst of the Recurrent Nova RS Ophiuchi. <i>Astrophysical Journal</i> , <b>2007</b> , 663, L101-L104	4.7	44
85	The First Nova Explosions. <i>Astrophysical Journal</i> , <b>2007</b> , 662, L103-L106	4.7	20
84	The origin of presolar nova grains. <i>Meteoritics and Planetary Science</i> , <b>2007</b> , 42, 1135-1143	2.8	39

83	The Advanced Compton Telescope <b>2006,</b>		5
82	Nucleosynthesis in classical novae. <i>Nuclear Physics A</i> , <b>2006</b> , 777, 550-578	1.3	88
81	Radioactivities from novae. <i>New Astronomy Reviews</i> , <b>2006</b> , 50, 504-508	7.9	15
80	Beacons in the sky: Classical novae vs. X-ray bursts. <i>European Physical Journal A</i> , <b>2006</b> , 27, 107-115	2.5	4
79	Nucleosynthesis in nova explosions: Prospects for its observation with focusing telescopes. <i>Experimental Astronomy</i> , <b>2006</b> , 20, 57-64	1.3	4
78	MAX, a Laue diffraction lens for nuclear astrophysics. <i>Experimental Astronomy</i> , <b>2006</b> , 20, 269-278	1.3	15
77	CLAIRE: First light for a gamma-ray lens. <i>Experimental Astronomy</i> , <b>2006</b> , 20, 253-267	1.3	25
76	Beacons in the sky: Classical novae vs. X-ray bursts <b>2006</b> , 107-115		
75	Nucleosynthesis in nova explosions: Prospects for its observation with focusing telescopes <b>2006</b> , 57-64		
74	Gamma-rays from classical nova explosions: theory and observations. <i>Nuclear Physics A</i> , <b>2005</b> , 758, 721-724		3
73	Models for the soft X-ray emission of post-outburst classical novae. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 439, 1061-1073	5.1	51
72	Hydrogen burning of <sup>17</sup> O in classical novae. <i>Physical Review Letters</i> , <b>2005</b> , 95, 031101	7.4	26
71	Envelope models for the supersoft X-ray emission of V1974 Cyg. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 439, 1057-1060	5.1	14
70	γ-rays from classical novae: expectations from present and future missions. <i>New Astronomy Reviews</i> , <b>2004</b> , 48, 35-39	7.9	26
69	CLAIRE's first light. <i>New Astronomy Reviews</i> , <b>2004</b> , 48, 243-249	7.9	22
68	The Imprint of Nova Nucleosynthesis in Presolar Grains. <i>Astrophysical Journal</i> , <b>2004</b> , 612, 414-428	4.7	136
67	CLAIRE gamma-ray lens: flight and long-distance test results <b>2004,</b>		16
66	MAX: a gamma-ray lens for nuclear astrophysics <b>2004,</b>		19

65	The Impact of the Chemical Stratification of White Dwarfs on the Classification of Classical Novae. <i>Astrophysical Journal</i> , <b>2003</b> , 597, L41-L44	4.7	15
64	Constraining Models of Classical Nova Outbursts with the Murchison Meteorite. <i>Publications of the Astronomical Society of Australia</i> , <b>2003</b> , 20, 351-355	5.5	7
63	A Chandra Low Energy Transmission Grating Spectrometer Observation of V4743 Sagittarii: A Supersoft X-Ray Source and a Violently Variable Light Curve. <i>Astrophysical Journal</i> , <b>2003</b> , 594, L127-L130	4.7	75
62	The frequency of occurrence of novae hosting an ONE white dwarf. <i>Astronomy and Astrophysics</i> , <b>2003</b> , 407, 1021-1028	5.1	46
61	The Compton Cube. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2003</b> , 504, 38-43	1.2	3
60	The impact of the chemical stratification of white dwarfs on the nucleosynthesis from classical novae. <i>Nuclear Physics A</i> , <b>2003</b> , 718, 255-258	1.3	2
59	P-process nucleosynthesis during He-detonation in sub-Chandrasekhar CO white dwarfs. <i>Nuclear Physics A</i> , <b>2003</b> , 718, 596-598	1.3	3
58	$^{21}\text{Na}(p,\gamma)^{22}\text{Mg}$ reaction and oxygen-neon novae. <i>Physical Review Letters</i> , <b>2003</b> , 90, 162501	7.4	92
57	Astrophysical rate of $^{15}\text{O}(p,n)^{15}\text{N}$ via the (p,t) reaction in inverse kinematics. <i>Physical Review C</i> , <b>2003</b> , 67,	2.7	39
56	Proton-decaying states in $^{22}\text{Mg}$ and the nucleosynthesis of $^{22}\text{Na}$ in novae. <i>Physical Review C</i> , <b>2003</b> , 68,	2.7	18
55	X-Ray Emission from Classical Novae <b>2003</b> , 337-340		
54	The Extraordinary X-ray Light Curve of the Classical Nova V1494 Aquilae (1999 No. 2) in Outburst: The Discovery of Pulsations and a Burst. <i>Astrophysical Journal</i> , <b>2003</b> , 584, 448-452	4.7	66
53	The prompt gamma-ray emission of novae. <i>New Astronomy Reviews</i> , <b>2002</b> , 46, 559-563	7.9	28
52	A classical nova, V2487 Oph 1998, seen in x-rays before and after its explosion. <i>Science</i> , <b>2002</b> , 298, 393-395	3.3	46
51	He-detonation in sub-Chandrasekhar CO white dwarfs: A new insight into energetics and $p$ -process nucleosynthesis. <i>Astronomy and Astrophysics</i> , <b>2002</b> , 383, L27-L30	5.1	44
50	Presolar Grains from Novae. <i>Astrophysical Journal</i> , <b>2001</b> , 551, 1065-1072	4.7	158
49	Classical novae: sources of CNO-nuclei and gamma-ray emitters. <i>Nuclear Physics A</i> , <b>2001</b> , 688, 118-121	1.3	2
48	Presolar grains from novae. <i>Nuclear Physics A</i> , <b>2001</b> , 688, 430-432	1.3	3



47	Nucleosynthesis in accreting neutron stars. <i>Nuclear Physics A</i> , <b>2001</b> , 688, 447-449	1.3	2
46	Update of nuclear reaction rates affecting nucleosynthesis in novae. <i>Nuclear Physics A</i> , <b>2001</b> , 688, 450-452	3	2
45	White Dwarfs as Tracers of Galactic Evolution <b>2001</b> , 273-276		
44	Synthesis of Intermediate-Mass Elements in Classical Novae: From Si to Ca. <i>Astrophysical Journal</i> , <b>2001</b> , 560, 897-906	4.7	71
43	BATSE observations of classical novae. <i>AIP Conference Proceedings</i> , <b>2000</b> ,	0	4
42	The Ages of Very Cool Hydrogen-rich White Dwarfs. <i>Astrophysical Journal</i> , <b>2000</b> , 544, 1036-1043	4.7	107
41	Galactic 1.275-MeV emission from ONe novae and its detectability by INTEGRAL/SPI. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2000</b> , 319, 350-364	4.3	10
40	The Energetics of Crystallizing White Dwarfs Revisited Again. <i>Astrophysical Journal</i> , <b>2000</b> , 528, 397-400	4.7	48
39	Gamma-Ray Emission from Novae Related to Positron Annihilation: Constraints on its Observability Posed by New Experimental Nuclear Data. <i>Astrophysical Journal</i> , <b>1999</b> , 526, L97-L100	4.7	72
38	Nuclear Uncertainties in the NeNa-MgAl Cycles and Production of documentclass{aastex} usepackage{amsbsy} usepackage{amsmath} usepackage{amssymb} usepackage{bm} usepackage{mathrsfs} usepackage{pifont} usepackage{stmaryrd} usepackage{textcomp} usepackage{portland-xspace} usepackage{amsmath,amsxtra} usepackage[OT2,OT1]{fontenc}	4.7	137
37	Evolutionary calculations of carbon dredge-up in helium envelope white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>1998</b> , 296, 523-530	4.3	32
36	Gamma-ray emission from individual classical novae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>1998</b> , 296, 913-920	4.3	81
35	The physics of white dwarfs. <i>Journal of Physics Condensed Matter</i> , <b>1998</b> , 10, 11263-11272	1.8	9
34	The Halo White Dwarf Population. <i>Astrophysical Journal</i> , <b>1998</b> , 503, 239-246	4.7	46
33	Nucleosynthesis in Classical Novae: CO versus ONe White Dwarfs. <i>Astrophysical Journal</i> , <b>1998</b> , 494, 680-690	4.7	333
32	The Cooling of CO White Dwarfs: Influence of the Internal Chemical Distribution. <i>Astrophysical Journal</i> , <b>1997</b> , 486, 413-419	4.7	139
31	Nucleosynthesis in novae. Implications on lithium production and gamma-ray radionuclides. <i>Nuclear Physics A</i> , <b>1997</b> , 621, 491-494	1.3	5
30	The Physics of Crystallizing White Dwarfs. <i>Astrophysical Journal</i> , <b>1997</b> , 485, 308-312	4.7	56

29	New Results on [TSUP]26/[TSUP]A[CLC]I[/CLC] Production in Classical Novae. <i>Astrophysical Journal</i> , <b>1997</b> , 479, L55-L58	4-7	54
28	The Redistribution of Carbon and Oxygen in Crystallizing White Dwarfs. <i>Astrophysics and Space Science Library</i> , <b>1997</b> , 19-25	0-3	
27	The DD Population in the Solar Neighborhood <b>1997</b> , 127-146		2
26	On the Synthesis of [TSUP]7/[TSUP]Li and [TSUP]7/[TSUP]Be in Novae. <i>Astrophysical Journal</i> , <b>1996</b> , 465, L27-L30	4-7	73
25	A simple method to compute white dwarf luminosity functions. <i>Astronomy and Astrophysics</i> , <b>1996</b> , 117, 13-18		12
24	The Gamma-Ray Spectrum of Classical Novae. <i>Astrophysics and Space Science Library</i> , <b>1996</b> , 303-304	0-3	
23	The rate of change of the gravitational constant and the cooling of white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>1995</b> , 277, 801-810	4-3	56
22	The luminosity function of dim white dwarfs <b>1995</b> , 36-40		
21	The role of G in the cooling of white dwarfs <b>1995</b> , 73-77		
20	The stellar formation rate and the white dwarf luminosity function <b>1995</b> , 19-23		7
19	Astrophysical consequences of the screening of nuclear reactions. <i>International Astronomical Union Colloquium</i> , <b>1994</b> , 147, 106-125		
18	Cooling theory of crystallized white dwarfs. <i>Astrophysical Journal</i> , <b>1994</b> , 434, 641	4-7	123
17	The influence of crystallization on the luminosity function of white dwarfs. <i>Astrophysical Journal</i> , <b>1994</b> , 434, 652	4-7	65
16	Gamma-ray bursts as collimated jets from neutron star/black hole mergers. <i>Nature</i> , <b>1993</b> , 361, 236-238	50-4	163
15	Axion cooling of white dwarfs. <i>Astrophysical Journal</i> , <b>1992</b> , 392, L23	4-7	92
14	Precollapse evolution of accreting CO white dwarfs. <i>Astrophysics and Space Science</i> , <b>1990</b> , 169, 171-175	1-6	
13	The luminosity function of halo white dwarfs. <i>Astrophysics and Space Science</i> , <b>1990</b> , 169, 199-202	1-6	
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