

Domitilla de Martino

List of Publications by Citations

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124
papers

12,862
citations

31
h-index

113
g-index

131
ext. papers

15,242
ext. citations

5.1
avg, IF

4.73
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 124 | Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A1 | 5.1 | 4787 |
| 123 | TheGaiamission. <i>Astronomy and Astrophysics</i> , 2016 , 595, A1 | 5.1 | 2933 |
| 122 | GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A2 | 5.1 | 1364 |
| 121 | Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A10 | 5.1 | 438 |
| 120 | Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A12 | 5.1 | 384 |
| 119 | Magnetic White Dwarfs. <i>Space Science Reviews</i> , 2015 , 191, 111-169 | 7.5 | 173 |
| 118 | SDSS unveils a population of intrinsically faint cataclysmic variables at the minimum orbital period. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 397, 2170-2188 | 4.3 | 172 |
| 117 | The Large Observatory for X-ray Timing (LOFT). <i>Experimental Astronomy</i> , 2012 , 34, 415-444 | 1.3 | 148 |
| 116 | The e-ASTROGAM mission. <i>Experimental Astronomy</i> , 2017 , 44, 25-82 | 1.3 | 114 |
| 115 | A planetesimal orbiting within the debris disc around a white dwarf star. <i>Science</i> , 2019 , 364, 66-69 | 33.3 | 101 |
| 114 | Science with e-ASTROGAM: A space mission for MeV- γ gamma-ray astrophysics. <i>Journal of High Energy Astrophysics</i> , 2018 , 19, 1-106 | 2.5 | 101 |
| 113 | X-ray follow-ups of XSS J12270-4859: a low-mass X-ray binary with gamma-rayFermi-LAT association. <i>Astronomy and Astrophysics</i> , 2013 , 550, A89 | 5.1 | 93 |
| 112 | The THESEUS space mission concept: science case, design and expected performances. <i>Advances in Space Research</i> , 2018 , 62, 191-244 | 2.4 | 90 |
| 111 | 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. <i>Astrophysical Journal</i> , 2003 , 594, 443-448 | 4.7 | 88 |
| 110 | Far-Ultraviolet Spectroscopy of Magnetic Cataclysmic Variables. <i>Astrophysical Journal</i> , 2005 , 622, 589-601. | 4.7 | 81 |
| 109 | The intriguing nature of the high-energy gamma ray source XSS J12270-4859. <i>Astronomy and Astrophysics</i> , 2010 , 515, A25 | 5.1 | 79 |
| 108 | X-ray coherent pulsations during a sub-luminous accretion disc state of the transitional millisecond pulsar XSS J12270-4859. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015 , 449, L26-L30 | 4.3 | 75 |

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| 107 | The RIASS coronathon: Joint X-ray and ultraviolet observations of normal F-K stars. <i>Astrophysical Journal, Supplement Series</i> , 1995 , 96, 223 | 8 | 74 |
| 106 | eXTP: Enhanced X-ray Timing and Polarization mission 2016 , | | 73 |
| 105 | Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 601, A19 | 5.1 | 71 |
| 104 | Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2019 , 623, A110 | 5.1 | 62 |
| 103 | Characterization of new hard X-ray cataclysmic variables. <i>Astronomy and Astrophysics</i> , 2012 , 542, A22 | 5.1 | 51 |
| 102 | The equatorial disc of the Be star X Persei. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998 , 296, 785-799 | 4.3 | 48 |
| 101 | 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 | 4.3 | 44 |
| 100 | AR Ursae Majoris: The First High-Field Magnetic Cataclysmic Variable. <i>Astrophysical Journal</i> , 1996 , 473, 483-493 | 4.7 | 44 |
| 99 | BeppoSAX observations of soft X-ray intermediate polars. <i>Astronomy and Astrophysics</i> , 2004 , 415, 1009-1019 | 5.1 | 42 |
| 98 | Unveiling the redback nature of the low-mass X-ray binary XSS J1227.0-859 through optical observations?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 444, 3004-3014 | 4.3 | 39 |
| 97 | 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 | 4.3 | 39 |
| 96 | Two new intermediate polars with a soft X-ray component. <i>Astronomy and Astrophysics</i> , 2008 , 489, 1243-1254 | 5.1 | 38 |
| 95 | A ZZ Ceti white dwarf in SDSS J133941.11+484727.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 365, 969-976 | 4.3 | 37 |
| 94 | The X-ray emission of the intermediate polar V 709 Cas. <i>Astronomy and Astrophysics</i> , 2001 , 377, 499-511 | 5.1 | 34 |
| 93 | Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019 , 62, 1 | 3.6 | 31 |
| 92 | UNAMBIGUOUS DETECTION OF REFLECTION IN MAGNETIC CATAclysmic VARIABLES: JOINT NuSTAR [XMM-NEWTON OBSERVATIONS OF THREE INTERMEDIATE POLARS. <i>Astrophysical Journal Letters</i> , 2015 , 807, L30 | 7.9 | 29 |
| 91 | Multiwavelength observations of the transitional millisecond pulsar binary XSS J12270-859. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 454, 2190-2198 | 4.3 | 29 |
| 90 | 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 | 28 |

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| 89 | The long period intermediate polar 1RXS J154814.5-452845. <i>Astronomy and Astrophysics</i> , 2006 , 449, 1151-1160 | 5.1 | 28 |
| 88 | Orbital periods of cataclysmic variables identified by the SDSS III. Measurements for six objects, including two eclipsing systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 382, 1145-1157 | 4.3 | 27 |
| 87 | A universal relation for the propeller mechanisms in magnetic rotating stars at different scales. <i>Astronomy and Astrophysics</i> , 2018 , 610, A46 | 5.1 | 25 |
| 86 | 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 | 4.7 | 25 |
| 85 | Gaia white dwarfs within 40 pc II. Spectroscopic observations of new candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 130-145 | 4.3 | 25 |
| 84 | SDSS J233325.92+152222.1 and the evolution of intermediate polars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 378, 635-640 | 4.3 | 24 |
| 83 | Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. <i>Astroparticle Physics</i> , 2019 , 111, 35-53 | 2.4 | 23 |
| 82 | On the nature of the hard X-ray sources SWIFT J1907.3-0500, IGR J12123-8802 and IGR J19552+0044. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 435, 2822-2834 | 4.3 | 23 |
| 81 | 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 |
| 80 | The X-ray properties of the magnetic cataclysmic variable UU Columbae. <i>Astronomy and Astrophysics</i> , 2006 , 454, 287-294 | 5.1 | 23 |
| 79 | X-ray/optical observations of A0535+26/HDE 245770 in quiescence. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004 , 132, 476-485 | | 23 |
| 78 | X-ray confirmation of the intermediate polar HT Cam. <i>Astronomy and Astrophysics</i> , 2005 , 437, 935-945 | 5.1 | 23 |
| 77 | LOFT: the Large Observatory For X-ray Timing 2012 , | | 21 |
| 76 | IGR J00234+6141: a new INTEGRAL source identified as an intermediate polar. <i>Astronomy and Astrophysics</i> , 2007 , 473, 185-189 | 5.1 | 21 |
| 75 | A model for the optical high state light curve of AM Herculis. <i>Astronomy and Astrophysics</i> , 2001 , 372, 557-562 | 5.1 | 21 |
| 74 | Prolonged sub-luminous state of the new transitional pulsar candidate CXOU J110926.4-50224. <i>Astronomy and Astrophysics</i> , 2019 , 622, A211 | 5.1 | 18 |
| 73 | 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 | 4.3 | 18 |
| 72 | A 150 MG Magnetic White Dwarf in the Cataclysmic Variable RX J1554.2+2721. <i>Astrophysical Journal</i> , 2004 , 613, L141-L144 | 4.7 | 17 |

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| 71 | Hard X-ray cataclysmic variables. <i>Advances in Space Research</i> , 2020 , 66, 1209-1225 | 2.4 | 17 |
| 70 | Multiband study of RX J0838.8-2759 and XMM J083850.4-2759: 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 | 4.3 | 15 |
| 69 | RX J2133.7+5107: identification of a new long period Intermediate Polar. <i>Astronomy and Astrophysics</i> , 2006 , 445, 1037-1040 | 5.1 | 15 |
| 68 | STREGA: STRucture and Evolution of the GALaxy II. Survey overview and first results?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 444, 3809-3828 | 4.3 | 14 |
| 67 | 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 | 4.3 | 13 |
| 66 | The surprising Far-UV spectrum of the polar BY Camelopardalis. <i>Astronomy and Astrophysics</i> , 2003 , 401, 1071-1076 | 5.1 | 13 |
| 65 | X-ray observations of 4 Draconis: symbiotic binary or cataclysmic triple?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 346, 855-860 | 4.3 | 13 |
| 64 | The First Continuous Optical Monitoring of the Transitional Millisecond Pulsar PSR J1023+0038 with Kepler. <i>Astrophysical Journal Letters</i> , 2018 , 858, L12 | 7.9 | 12 |
| 63 | 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 | 4.3 | 12 |
| 62 | Wavelet analysis of the X-ray flickering of cataclysmic variables. <i>Astronomy and Astrophysics</i> , 2010 , 519, A69 | 5.1 | 12 |
| 61 | Multiwavelength monitoring of QS Tel. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001 , 322, 631-642 | 4.3 | 12 |
| 60 | Evidence for mass accretion driven by spiral shocks onto the white dwarf in SDSS J123813.73+33933.0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 1080-1103 | 4.3 | 11 |
| 59 | X-ray orbital modulation of a white dwarf accreting from an L dwarf. <i>Astronomy and Astrophysics</i> , 2017 , 598, L6 | 5.1 | 9 |
| 58 | The Large Observatory for x-ray timing 2014 , | | 9 |
| 57 | 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 | 4.7 | 9 |
| 56 | 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 | | 9 |
| 55 | 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 | 6.4 | 9 |
| 54 | XMM-Newton and INTEGRAL view of the hard state of EXO 1745-48 during its 2015 outburst. <i>Astronomy and Astrophysics</i> , 2017 , 603, A39 | 5.1 | 8 |

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| 53 | DISCOVERY OF A NOVA-LIKE CATAclySMIC VARIABLE IN THE KEPLER MISSION FIELD. <i>Astronomical Journal</i> , 2010 , 139, 2587-2594 | 4.9 | 8 |
| 52 | Rapid variability of accretion in AM Herculis. <i>Astronomy and Astrophysics</i> , 2002 , 396, 213-217 | 5.1 | 8 |
| 51 | INTEGRAL View on cataclysmic variables and symbiotic binaries. <i>New Astronomy Reviews</i> , 2020 , 91, 101547 | 4.7 | 8 |
| 50 | The LOFT mission concept: a status update 2016 , | | 7 |
| 49 | Swift J0525.6+2416 and IGR J04571+4527: two new hard X-ray-selected magnetic cataclysmic variables identified with XMM-Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 453, 3101-3107 | 4.3 | 7 |
| 48 | UV observations of Cataclysmic Variables. <i>Astrophysics and Space Science</i> , 2009 , 320, 135-140 | 1.6 | 7 |
| 47 | An accreting white dwarf displaying fast transitional mode switching. <i>Nature Astronomy</i> , | 12.1 | 7 |
| 46 | 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 |
| 45 | 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 |
| 44 | IGR J14257B117, 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 | 4.3 | 7 |
| 43 | 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 | 4.3 | 6 |
| 42 | NuSTAR and Parkes observations of the transitional millisecond pulsar binary XSS J122700-859 in the rotation-powered state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 5607-5619 | 4.3 | 6 |
| 41 | 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 | 4.3 | 6 |
| 40 | 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 | 1.6 | 6 |
| 39 | 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 | 4.3 | 6 |
| 38 | 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 |
| 37 | Multifrequency observations of KAZ 102 during the ROSAT all-sky survey. <i>Astrophysical Journal</i> , 1995 , 442, 589 | 4.7 | 6 |
| 36 | Enhanced optical activity 12 d before X-ray activity, and a 4 d 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 | 4.3 | 6 |

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| 35 | 2PBC J0658.0-1746: a hard X-ray eclipsing polar in the orbital period gap. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 1044-1053 | 4.3 | 5 |
| 34 | On the nature of CP Pup. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 212-221 | 4.3 | 5 |
| 33 | Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2020 , 642, C1 | 5.1 | 5 |
| 32 | XIPE: the x-ray imaging polarimetry explorer 2016 , | | 5 |
| 31 | 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 | 7.9 | 4 |
| 30 | Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2020 , 637, C3 | 5.1 | 4 |
| 29 | LOFT: a large observatory for x-ray timing 2010 , | | 4 |
| 28 | Spin-resolved optical CCD spectroscopy and photometry of BG Canis Minoris. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994 , 267, 1095-1102 | 4.3 | 4 |
| 27 | 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> , | 4.3 | 4 |
| 26 | Optical and ultraviolet pulsed emission from an accreting millisecond pulsar. <i>Nature Astronomy</i> , 2021 , 5, 552-559 | 12.1 | 4 |
| 25 | 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 | 4.3 | 3 |
| 24 | 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 | 4.7 | 3 |
| 23 | 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 | 4.3 | 3 |
| 22 | A Far-Ultraviolet Spectroscopic Analysis of BZ Ursae Majoris. <i>Publications of the Astronomical Society of the Pacific</i> , 2011 , 123, 1071-1075 | 5 | 3 |
| 21 | Stellar And Galactic Environment survey (SAGE). <i>Experimental Astronomy</i> , 2009 , 23, 169-191 | 1.3 | 2 |
| 20 | Ultraviolet Studies Of Interacting Binaries. <i>Astrophysics and Space Science</i> , 2006 , 303, 53-68 | 1.6 | 2 |
| 19 | Fundamental Problems in Astrophysics. <i>Astrophysics and Space Science</i> , 2006 , 303, 133-145 | 1.6 | 2 |
| 18 | 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 | 1.6 | 2 |

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| 17 | Time domain astronomy with the THESEUS satellite. <i>Experimental Astronomy</i> , 2021 , 1 | 1.3 | 2 |
| 16 | Evidence of intra-binary shock emission from the redback pulsar PSR J1048+2339. <i>Astronomy and Astrophysics</i> , 2021 , 649, A120 | 5.1 | 2 |
| 15 | Localized thermonuclear bursts from accreting magnetic white dwarfs.. <i>Nature</i> , 2022 , 604, 447-450 | 50.4 | 2 |
| 14 | The broad-band X-ray spectrum of RE 0751+14 (PQ Gem). <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 69, 372-375 | | 1 |
| 13 | The e-ASTROGAM gamma-ray space observatory for the multimessenger astronomy of the 2030s 2018 , | | 1 |
| 12 | Simultaneous X-ray and radio observations of the transitional millisecond pulsar candidate CXOU J110926.4-50224. <i>Astronomy and Astrophysics</i> , 2021 , 655, A52 | 5.1 | 1 |
| 11 | Transitional Millisecond Pulsars. <i>Astrophysics and Space Science Library</i> , 2022 , 157-200 | 0.3 | 1 |
| 10 | Fundamental Problems in Astrophysics 2006 , 133-145 | | 0 |
| 9 | 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 | 2.2 | |
| 8 | Stellar and galactic environment survey (SAGE). <i>Astrophysics and Space Science</i> , 2009 , 320, 231-238 | 1.6 | |
| 7 | BeppoSAX observations of AM Her type stars. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 69, 368-371 | | |
| 6 | X-ray variability in transient X-ray sources 1990 , 13, 471-479 | | |
| 5 | Coordinated X-ray and ultraviolet observations of the intermediate polar H2215-086. <i>Advances in Space Research</i> , 1988 , 8, 309-314 | 2.4 | |
| 4 | Ultraviolet Studies of Interacting Binaries 2006 , 53-68 | | |
| 3 | STREGA@VST: Structure and Evolution of the Galaxy. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2016 , 139-143 | 0.3 | |
| 2 | Unveiling Accreting White Dwarf Binaries in Hard X-Ray Surveys. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2016 , 257-262 | 0.3 | |
| 1 | The First Orbital Period of a Very Bright and Fast Nova in M31: M31N 2013-01b. <i>Astrophysical Journal</i> , 2018 , 866, 125 | 4.7 | |