

Antonino D'Amico

List of Publications by Year in descending order

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94
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2,379
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218677

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2506
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | <i>Swift</i> and <i>NuSTAR</i> observations of GW170817: Detection of a blue kilonova. <i>Science</i> , 2017, 358, 1565-1570. | 12.6 | 399 |
| 2 | GROWTH on S190425z: Searching Thousands of Square Degrees to Identify an Optical or Infrared Counterpart to a Binary Neutron Star Merger with the Zwicky Transient Facility and Palomar Gattini-IR. <i>Astrophysical Journal Letters</i> , 2019, 885, L19. | 8.3 | 86 |
| 3 | XMM-Newton detects a relativistically broadened iron line in the spectrum of the ms X-ray pulsar SAX J1808.4-3658. <i>Astronomy and Astrophysics</i> , 2009, 493, L39-L43. | 5.1 | 84 |
| 4 | A relativistically smeared spectrum in the neutron star X-ray binary 4U 1705-44: looking at the inner accretion disc with X-ray spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 2022-2027. | 4.4 | 67 |
| 5 | ON RELATIVISTIC DISK SPECTROSCOPY IN COMPACT OBJECTS WITH X-RAY CCD CAMERAS. <i>Astrophysical Journal</i> , 2010, 724, 1441-1455. | 4.5 | 56 |
| 6 | The X-ray spectrum of the newly discovered accreting millisecond pulsar IGR J17511-3057. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 407, 2575-2588. | 4.4 | 52 |
| 7 | A self-consistent approach to the hard and soft states of 4U 1705-44. <i>Astronomy and Astrophysics</i> , 2010, 516, A36. | 5.1 | 50 |
| 8 | Evidence for the magnetar nature of 1E 161348-5055 in RCW 103. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2394-2404. | 4.4 | 49 |
| 9 | The accretion flow to the intermittent accreting millisecond pulsar, HETE J1900.1-2455, as observed by XMM-Newton and RXTE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 3411-3422. | 4.4 | 48 |
| 10 | The spin and orbit of the newly discovered pulsar IGR J17480-2446. <i>Astronomy and Astrophysics</i> , 2011, 526, L3. | 5.1 | 48 |
| 11 | Timing of the 2008 outburst of SAX J1808.4-3658 with XMM-Newton: a stable orbital-period derivative over ten years. <i>Astronomy and Astrophysics</i> , 2009, 496, L17-L20. | 5.1 | 47 |
| 12 | Testing reflection features in 4U 1705-44 with XMM-Newton, BeppoSAX, and RXTE in the hard and soft states. <i>Astronomy and Astrophysics</i> , 2013, 550, A5. | 5.1 | 45 |
| 13 | Suzaku broad-band spectrum of 4U 1705-44: probing the reflection component in the hard state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 2794-2802. | 4.4 | 44 |
| 14 | New ephemeris of the ADC source 2A 1822-371: a stable orbital-period derivative over 30 years. <i>Astronomy and Astrophysics</i> , 2010, 515, A44. | 5.1 | 43 |
| 15 | Broadband Spectral Evolution of Scorpius X-1 along Its Color-Color Diagram. <i>Astrophysical Journal</i> , 2007, 667, 411-426. | 4.5 | 41 |
| 16 | DISK REFLECTION SIGNATURES IN THE SPECTRUM OF THE BRIGHT Z-SOURCE GX 340+0. <i>Astrophysical Journal</i> , 2009, 693, L1-L5. | 4.5 | 38 |
| 17 | <i>XMM-Newton</i> campaign on the ultraluminous X-ray source NGC 247 ULX-1: outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5058-5074. | 4.4 | 37 |
| 18 | Spin down during quiescence of the fastest known accretion-powered pulsar. <i>Astronomy and Astrophysics</i> , 2011, 528, A55. | 5.1 | 37 |

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|----|--|-----|-----------|
| 19 | GRB 171205A/SN 2017iuk: A local low-luminosity gamma-ray burst. <i>Astronomy and Astrophysics</i> , 2018, 619, A66. | 5.1 | 36 |
| 20 | A ionized reflecting skin above the accretion disk of GX 349+2. <i>Astronomy and Astrophysics</i> , 2009, 505, 1143-1151. | 5.1 | 35 |
| 21 | Broad-band spectral analysis of the accreting millisecond X-ray pulsar SAX J1748.9-2021. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2988-2998. | 4.4 | 35 |
| 22 | First detection of the Crab Nebula at TeV energies with a Cherenkov telescope in a dual-mirror Schwarzschild-Couder configuration: the ASTRI-Horn telescope. <i>Astronomy and Astrophysics</i> , 2020, 634, A22. | 5.1 | 34 |
| 23 | <i>Swift</i> -XRT follow-up of gravitational wave triggers during the third aLIGO/Virgo observing run. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3459-3480. | 4.4 | 31 |
| 24 | The <i>Swift</i> -BAT survey reveals the orbital period of three high-mass X-ray binaries. <i>Astronomy and Astrophysics</i> , 2011, 529, A30. | 5.1 | 29 |
| 25 | Spectral and timing properties of IGR J00291+5934 during its 2015 outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2910-2917. | 4.4 | 29 |
| 26 | X-ray spectroscopy of MXB 1728-34 with <i>XMM-Newton</i> . <i>Astronomy and Astrophysics</i> , 2011, 530, A99. | 5.1 | 28 |
| 27 | The iron K-shell features of MXB 1728-34 from a simultaneous Chandra-RXTE observation. <i>Astronomy and Astrophysics</i> , 2006, 448, 817-822. | 5.1 | 28 |
| 28 | Study of the reflection spectrum of the accreting neutron star GX 3+1 using <i>XMM-Newton</i> and INTEGRAL. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2016-2024. | 4.4 | 27 |
| 29 | An unexpected drop in the magnetic field of the X-ray pulsar V0332+53 after the bright outburst occurred in 2015. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 460, L99-L103. | 3.3 | 27 |
| 30 | GRO J1744-28: an intermediate B-field pulsar in a low-mass X-ray binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 4288-4303. | 4.4 | 26 |
| 31 | <i>Chandra</i> -X-ray spectroscopy of a clear dip in GX 13+1. <i>Astronomy and Astrophysics</i> , 2014, 564, A62. | 5.1 | 26 |
| 32 | Timing of the accreting millisecond pulsar IGR J17511-3057. <i>Astronomy and Astrophysics</i> , 2011, 526, A95. | 5.1 | 25 |
| 33 | Secular spin-down of the AMP XTE J1751-305. <i>Astronomy and Astrophysics</i> , 2011, 531, A140. | 5.1 | 25 |
| 34 | X-ray bursts and burst oscillations from the slowly spinning X-ray pulsar IGR J17480-2446 (Terzan 5). <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 1508-1516. | 4.4 | 25 |
| 35 | The complex behaviour of the microquasar GRS 1915+105 in the <i>IXTE</i> class observed with <i>BeppoSAX</i> . <i>Astronomy and Astrophysics</i> , 2012, 537, A18. | 5.1 | 24 |
| 36 | Testing rate-dependent corrections on timing mode EPIC-pn spectra of the accreting neutron star GX 13+1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 3745-3754. | 4.4 | 23 |

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|----|---|-----|-----------|
| 37 | The <i>Swift</i> -BAT monitoring reveals a long-term decay of the cyclotron line energy in Vela X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 185-190. | 4.4 | 22 |
| 38 | X-ray spectroscopy of the ADC source X1822-371 with <i>Chandra</i> and <i>XMM-Newton</i> . <i>Astronomy and Astrophysics</i> , 2013, 549, A33. | 5.1 | 22 |
| 39 | A TEST OF THE NATURE OF THE FE K LINE IN THE NEUTRON STAR LOW-MASS X-RAY BINARY SERPENS X-1. <i>Astrophysical Journal</i> , 2016, 821, 105. | 4.5 | 21 |
| 40 | The long outburst of the black hole transient GRS 1716+249 observed in the X-ray and radio band. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1587-1601. | 4.4 | 21 |
| 41 | A possible cyclotron resonance scattering feature near 0.7 keV in X1822-371. <i>Astronomy and Astrophysics</i> , 2015, 577, A63. | 5.1 | 20 |
| 42 | A relativistic iron emission line from the neutron star low-mass X-ray binary GX 3+1. <i>Astronomy and Astrophysics</i> , 2012, 542, L27. | 5.1 | 20 |
| 43 | Detailed study of the X-ray and optical/UV orbital ephemeris of X1822+371. <i>Astronomy and Astrophysics</i> , 2011, 534, A85. | 5.1 | 19 |
| 44 | The discovery of the 401 ÅHz accreting millisecond pulsar IGR J17498-2921 in a 3.8 h orbit. <i>Astronomy and Astrophysics</i> , 2011, 535, L4. | 5.1 | 19 |
| 45 | A possible solution of the puzzling variation of the orbital period of MXB 1659+298. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 3490-3499. | 4.4 | 19 |
| 46 | New insights on the puzzling LMXB 1RXS J180408.9-342058: the intermediate state, the clocked type-I X-ray bursts, and much more. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2300-2314. | 4.4 | 19 |
| 47 | <i>Chandra</i> observation of the Big Dipper X 1624+490. <i>Astronomy and Astrophysics</i> , 2007, 463, 289-295. | 5.1 | 17 |
| 48 | Quasi-periodic dipping in the ultraluminous X-ray source, NGC 247 ULX-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3722-3729. | 4.4 | 17 |
| 49 | Evidence for a resonant cyclotron line in IGR J16493+4348 from the <i>Swift</i> -BAT hard X-ray survey. <i>Astronomy and Astrophysics</i> , 2011, 532, A73. | 5.1 | 16 |
| 50 | The pulse profile and spin evolution of the accreting pulsar in Terzan 5, IGR J17480+2446, during its 2010 outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 1178-1193. | 4.4 | 16 |
| 51 | Discovery of periodic dips in the light curve of CX 13+1: the X-ray orbital ephemeris of the source. <i>Astronomy and Astrophysics</i> , 2014, 561, A99. | 5.1 | 16 |
| 52 | XIPE: the x-ray imaging polarimetry explorer. , 2016, , . | | 16 |
| 53 | <i>Swift</i> -XRT Follow-up of Gravitational-wave Triggers in the Second Advanced LIGO/Virgo Observing Run. <i>Astrophysical Journal</i> , Supplement Series, 2019, 245, 15. | 7.7 | 16 |
| 54 | Non-linear oscillator models for the X-ray bursting of the microquasar GRS 1915+105. <i>Astrophysics and Space Science</i> , 2014, 352, 699-714. | 1.4 | 15 |

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|----|--|-----|-----------|
| 55 | Discovery of a soft X-ray 8 Hz QPO from the accreting millisecond pulsar IGR J00291+5934. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3450-3459. | 4.4 | 15 |
| 56 | <i>Swift</i> /UVOT follow-up of gravitational wave alerts in the O3 era. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1296-1317. | 4.4 | 15 |
| 57 | <i>Chandra</i> Observation of Cir X-1 near the Periastron Passage: Evidence for an X-ray Jet?. Astrophysical Journal, 2008, 673, 1033-1043. | 4.5 | 15 |
| 58 | Chandra observation of the dipping source XB 1254-690. Astronomy and Astrophysics, 2007, 464, 291-297. | 5.1 | 14 |
| 59 | A broad-band self-consistent modelling of the X-ray spectrum of 4U 1626-67. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2457-2468. | 4.4 | 13 |
| 60 | A complete X-ray spectral coverage of the 2010 May-June outbursts of Circinus X-1. Astronomy and Astrophysics, 2012, 543, A20. | 5.1 | 12 |
| 61 | On the nature of the soft γ -ray emission in the hard state of the black hole transient GRS 1716-249. Monthly Notices of the Royal Astronomical Society, 2020, 494, 571-583. | 4.4 | 12 |
| 62 | Testing jet geometries and disc-jet coupling in the neutron star LMXB 4U 0614+091 with the internal shocks model. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3351-3367. | 4.4 | 11 |
| 63 | The Chameleon on the branches: spectral state transition and dips in NGC 247 ULX-1. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5567-5579. | 4.4 | 11 |
| 64 | A Complex Environment around Circinus X-1. Astrophysical Journal, 2007, 671, 2006-2016. | 4.5 | 9 |
| 65 | <i>SWIFT</i> -BAT HARD X-RAY SKY MONITORING UNVEILS THE ORBITAL PERIOD OF THE HMXB IGR J18219-1347. Astrophysical Journal Letters, 2013, 775, L24. | 8.3 | 9 |
| 66 | <i>Swift</i> -XRT six-year monitoring of the ultraluminous X-ray source M33 X-8. Astronomy and Astrophysics, 2015, 580, A71. | 5.1 | 9 |
| 67 | The near-IR counterpart of IGR J17480-2446 in Terzan 5. Astronomy and Astrophysics, 2012, 547, A28. | 5.1 | 8 |
| 68 | Spectral analysis of LMC X-2 with XMM/Newton: unveiling the emission process in the extragalactic Z-source. Astronomy and Astrophysics, 2008, 478, 181-186. | 5.1 | 8 |
| 69 | Finding a 61.0-day orbital period for the HMXB 4U 1036-56 with the <i>Swift</i> -BAT monitoring. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 436, L74-L78. | 3.3 | 7 |
| 70 | The 54-day orbital period of AX J1820.5-1434 unveiled by <i>Swift</i> . Astronomy and Astrophysics, 2013, 558, A99. | 5.1 | 7 |
| 71 | The complex behaviour of the microquasar GRS 1915+105 in the $\dot{\Gamma}$ -class observed with <i>BeppoSAX</i> . Astronomy and Astrophysics, 2013, 556, A84. | 5.1 | 7 |
| 72 | Swift Multiwavelength Follow-up of LVC S200224ca and the Implications for Binary Black Hole Mergers. Astrophysical Journal, 2021, 907, 97. | 4.5 | 7 |

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|----|--|-----|-----------|
| 73 | Time domain astronomy with the THESEUS satellite. <i>Experimental Astronomy</i> , 2021, 52, 309-406. | 3.7 | 7 |
| 74 | Swift discovery of the orbital period of the high mass X-ray binary IGR J015712+7259 in the Small Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2013, 557, A113. | 5.1 | 6 |
| 75 | Temporal features of LS I +61°303 in hard X-rays from the Swift/BAT survey data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1955-1959. | 4.4 | 6 |
| 76 | 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 |
| 77 | Study of Two BeppoSAX Observations of GX 340+0. <i>Research in Astronomy and Astrophysics</i> , 2006, 6, 257-261. | 1.1 | 5 |
| 78 | Orbital period of Swift J1816.7-1613 revealed by the Swift Burst Alert Telescope. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 445, L119-L123. | 3.3 | 5 |
| 79 | Broadband observations of the X-ray burster 4U1705-44 with BeppoSAX. <i>Astronomy and Astrophysics</i> , 2016, 591, A41. | 5.1 | 5 |
| 80 | SUBARCSECOND LOCATION OF IGR J17480-2446 WITH ROSSIXTE. <i>Astrophysical Journal Letters</i> , 2012, 754, L11. | 8.3 | 4 |
| 81 | SWIFT OBSERVATIONS OF THE HIGH-MASS X-RAY BINARY IGR J16283-4838 UNVEIL A 288 DAY ORBITAL PERIOD. <i>Astrophysical Journal Letters</i> , 2013, 775, L25. | 8.3 | 4 |
| 82 | A Swift view on IGR J19149+1036. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1041-1046. | 4.4 | 4 |
| 83 | Comparing the π -class spectra of the microquasar GRS 1915+105 observed with BeppoSAX. <i>Astronomy and Astrophysics</i> , 2017, 598, A65. | 5.1 | 4 |
| 84 | Galactic observatory science with the ASTRI Mini-Array at the Observatorio del Teide. <i>Journal of High Energy Astrophysics</i> , 2022, 35, 139-175. | 6.7 | 4 |
| 85 | Time properties of the π -class burst of the microquasar GRS 1915+105 observed with BeppoSAX in April 1999. <i>Astronomy and Astrophysics</i> , 2016, 586, A56. | 5.1 | 3 |
| 86 | Discovery of hard phase lags in the pulsed emission of GRO J1744+28. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 463, L84-L88. | 3.3 | 3 |
| 87 | Swift reveals the eclipsing nature of the high-mass X-ray binary IGR J16195+4945. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2717-2721. | 4.4 | 3 |
| 88 | Swift unveils the orbital period of IGR J18214-1318. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2750-2756. | 4.4 | 3 |
| 89 | Spectral and timing characterization of the X-ray source 1RXS J194211.9+255552. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2835-2839. | 4.4 | 2 |
| 90 | The reflection component in NS LMXBs. <i>EPJ Web of Conferences</i> , 2014, 64, 06006. | 0.3 | 1 |

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|----|--|----|-----------|
| 91 | Relativistically Smeared Iron Lines in the Spectra of Bright NS LMXB. , 2009, , . | | 0 |
| 92 | A relativistically broadened iron line from an Accreting Millisecond Pulsar. , 2010, , . | | 0 |
| 93 | A self-consistent approach to the reflection component in 4U 1705â€“44. , 2010, , . | | 0 |
| 94 | A Spectral Insight into the Physics of Accreting ms Pulsars. , 2010, , . | | 0 |