

# Detection of large-scale X-ray bubbles in the Milky Way

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Activity bubbling up. <i>Nature Astronomy</i> , 2021, 5, 11-12.	10.1	0
2	Origin of Galactic Spurs: New Insight from Radio/X-Ray All-sky Maps. <i>Astrophysical Journal</i> , 2021, 908, 14.	4.5	10
3	Supervirial Temperature or Neon Overabundance? Suzaku Observations of the Milky Way Circumgalactic Medium. <i>Astrophysical Journal</i> , 2021, 909, 164.	4.5	17
4	Hoinga: a supernova remnant discovered in the SRG/eROSITA All-Sky Survey eRASS1. <i>Astronomy and Astrophysics</i> , 2021, 648, A30.	5.1	15
5	StellarICS: inverse Compton emission from the quiet Sun and stars from keV to TeV. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 004.	5.4	13
6	A Supernova-driven, Magnetically Collimated Outflow as the Origin of the Galactic Center Radio Bubbles. <i>Astrophysical Journal</i> , 2021, 913, 68.	4.5	9
7	Giant Cosmic-Ray Halos around M31 and the Milky Way. <i>Astrophysical Journal</i> , 2021, 914, 135.	4.5	16
8	Searches for sterile neutrinos and axionlike particles from the Galactic halo with eROSITA. <i>Physical Review D</i> , 2021, 104, .	4.7	18
9	Interaction of the galactic-centre super bubbles with the gaseous disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 2170-2180.	4.4	12
10	Probing the Halo Gas Distribution in the Inner Galaxy with Fermi Bubble Observations. <i>Astrophysical Journal</i> , 2021, 915, 85.	4.5	5
11	The cold circumgalactic medium in emission: Mg <sup>ii</sup> haloes in TNG50. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4445-4463.	4.4	29
12	<i>SRG</i>/eROSITA discovery of a large circular SNR candidate G116.6 $\hat{\sim}$ 26.1: SN $\hat{\alpha}$ explosion probing the gas of the Milky Way halo?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 971-982.	4.4	10
13	Signatures of Recent Cosmic-Ray Acceleration in the High-latitude Gamma-Ray Sky. <i>Astrophysical Journal</i> , 2021, 917, 30.	4.5	5
14	Predictions for anisotropic X-ray signatures in the circumgalactic medium: imprints of supermassive black hole driven outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1563-1581.	4.4	21
15	SRG X-ray orbital observatory. <i>Astronomy and Astrophysics</i> , 2021, 656, A132.	5.1	134
16	Prospects for a polarimetric mapping of the Sgr A molecular cloud complex with IXPE. <i>Astronomy and Astrophysics</i> , 2021, 655, A108.	5.1	3
17	The Hot Circumgalactic Medium of the Milky Way: Evidence for Supervirial, Virial, and Subvirial Temperatures; Nonsolar Chemical Composition; and Nonthermal Line Broadening. <i>Astrophysical Journal</i> , 2021, 918, 83.	4.5	20
18	X-ray bubbles in the circumgalactic medium of TNG50 Milky Way- and M31-like galaxies: signposts of supermassive black hole activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4667-4695.	4.4	36

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20	Turbulent Magnetic Dynamos with Halo Lags, Winds, and Jets. Astrophysical Journal, 2021, 920, 133.	4.5	2
21	Far-UV and Optical Emissions from Three Very Large Supernova Remnants Located at Unusually High Galactic Latitudes. Astrophysical Journal, 2021, 920, 90.	4.5	12
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24	A GeV-TeV particle component and the barrier of cosmic-ray sea in the Central Molecular Zone. Nature Communications, 2021, 12, 6169.	12.8	5
25	Revisiting the Distance to Radio Loops I and IV Using Gaia and Radio/Optical Polarization Data. Astrophysical Journal, 2021, 922, 210.	4.5	20
26	The Warm Gas in the Milky Way: The Kinematical Model of C iv and Its Connection to Si iv. Astrophysical Journal, 2022, 924, 86.	4.5	1
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28	Multiwavelength emission from leptonic processes in ageing galaxy bubbles. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5834-5853.	4.4	2
29	Tracing the Milky Way’s Vestigial Nuclear Jet. Astrophysical Journal, 2021, 922, 254.	4.5	14
30	Molecular Gas within the Milky Way’s Nuclear Wind. Astrophysical Journal Letters, 2021, 923, L11.	8.3	8
32	North Polar Spur/Loop I: gigantic outskirts of the Northern Fermi bubble or nearby hot gas cavity blown by supernovae?. Comptes Rendus Physique, 2022, 23, 1-24.	0.9	2
33	Unveiling the Origin of the Fermi Bubbles with MeV Photon Telescopes. Astrophysical Journal, 2022, 927, 225.	4.5	3
34	CMB as thermal radiation from cosmic dust grains in equilibrium with the redshifted starlight. Journal of Physics: Conference Series, 2022, 2197, 012026.	0.4	0
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36	Discovery of non-equilibrium ionization plasma associated with the North Polar Spur and Loop I. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2034-2043.	4.4	3
37	On the Mass Loading of AGN-driven Outflows in Elliptical Galaxies and Clusters. Astrophysical Journal, 2021, 923, 256.	4.5	4

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38	A Unified Model for the Fan Region and the North Polar Spur: A Bundle of Filaments in the Local Galaxy. <i>Astrophysical Journal</i> , 2021, 923, 58.	4.5	7
39	Multi-scale feedback and feeding in the closest radio galaxy Centaurus A. <i>Nature Astronomy</i> , 2022, 6, 109-120.	10.1	16
40	Fermi bubbles: the collimated outburst needed to explain forward-shock edges. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2581-2598.	4.4	5
41	Spinning black holes magnetically connected to a Keplerian disk. <i>Astronomy and Astrophysics</i> , 2022, 663, A169.	5.1	10
42	Astrospheres of Planet-Hosting Cool Stars and Beyond â When Modeling Meets Observations. <i>Space Science Reviews</i> , 2022, 218, 1.	8.1	12
43	The Solar Cycle Temporal Variation of the Solar Wind Charge Exchange X-Ray Lines. <i>Astrophysical Journal</i> , 2022, 930, 21.	4.5	5
44	CO Emission Delineating the Interface between the Milky Way Nuclear Wind Cavity and the Gaseous Disk. <i>Astrophysical Journal</i> , 2022, 930, 112.	4.5	0
45	A deep near-infrared view of the Ophiuchus galaxy cluster. <i>Astronomy and Astrophysics</i> , 2022, 663, A158.	5.1	4
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47	Return of the templates: Revisiting the Galactic Center excess with multimessenger observations. <i>Physical Review D</i> , 2022, 105, .	4.7	30
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51	Predictions for the X-ray circumgalactic medium of edge-on discs and spheroids. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	3
52	Emission from hadronic and leptonic processes in galactic jet-driven bubbles. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	2
54	Improving Black Hole Accretion Treatment in Hydrodynamical Simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	0
55	High-energy Gamma Rays from Magnetically Arrested Disks in Nearby Radio Galaxies. <i>Astrophysical Journal</i> , 2022, 935, 159.	4.5	2
56	Galactic Winds and Bubbles from Nuclear Starburst Rings. <i>Astrophysical Journal Letters</i> , 2022, 935, L24.	8.3	6

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58	Supernova-remnant origin of the Galactic-Centre filaments. Monthly Notices of the Royal Astronomical Society, 2022, 518, 6273-6292.	4.4	2
59	Diffuse Hot Plasma in the Interstellar Medium and Galactic Outflows. , 2022, , 1-31.		0
60	Evidence for powerful winds and the associated reverse shock as the origin of the Fermi bubbles. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	0
61	Ultra high energy cosmic rays from past activity of Andromeda galaxy. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 519, L5-L9.	3.3	4
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63	The Hot Interstellar Medium. , 2022, , 1-48.		2
64	How did the Stellar Winds of Massive Stars influence the Surrounding Environment in the Galactic Center?. Proceedings of the International Astronomical Union, 2020, 16, 57-62.	0.0	0
65	The circumgalactic medium of Milky Way-like galaxies in the TNG50 simulation â€œ I: halo gas properties and the role of SMBH feedback. Monthly Notices of the Royal Astronomical Society, 2022, 518, 5754-5777.	4.4	18
66	A galactic breeze origin for the Fermi bubbles emission. Monthly Notices of the Royal Astronomical Society, 2022, 518, 6083-6091.	4.4	1
67	QUIJOTE scientific results â€œ VI. The Haze as seen by QUIJOTE. Monthly Notices of the Royal Astronomical Society, 2023, 519, 3460-3480.	4.4	4
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76	Active galactic nuclei jets simulated with smoothed particle hydrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 5090-5109.	4.4	3
77	Caught in the Act: A Metal-rich High-velocity Cloud in the Inner Galaxy. <i>Astrophysical Journal</i> , 2023, 944, 65.	4.5	3
78	Jet Feedback in Star-Forming Galaxies. <i>Galaxies</i> , 2023, 11, 29.	3.0	2
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81	SRG/eROSITA X-ray shadowing study of giant molecular clouds. <i>Astronomy and Astrophysics</i> , 2023, 676, A3.	5.1	7
82	A CO funnel in the Galactic centre: Molecular counterpart of the northern Galactic chimney. <i>Astronomy and Astrophysics</i> , 2023, 674, L15.	5.1	0
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87	Misaligned Jets from Sgr A* and the Origin of Fermi/eROSITA Bubbles. <i>Astrophysical Journal</i> , 2023, 951, 36.	4.5	1
88	On the HÎ± faintness of the North Polar Spur. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 524, 4212-4218.	4.4	0
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90	The Hot Circumgalactic Medium of the Milky Way: New Insights from XMM-Newton Observations. <i>Astrophysical Journal</i> , 2023, 952, 41.	4.5	3
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107	Line Emission Mapper: an X-ray probe mission concept to study the cosmic ecosystems and the physics of galaxy formation. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2023, 9, .	1.8	2
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