

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.	4.2	0
2	Origin of Galactic Spurs: New Insight from Radio/X-Ray All-sky Maps. <i>Astrophysical Journal</i> , 2021, 908, 14.	1.6	10
3	Supervirial Temperature or Neon Overabundance? Suzaku Observations of the Milky Way Circumgalactic Medium. <i>Astrophysical Journal</i> , 2021, 909, 164.	1.6	17
4	Hoinga: a supernova remnant discovered in the SRG/eROSITA All-Sky Survey eRASS1. <i>Astronomy and Astrophysics</i> , 2021, 648, A30.	2.1	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.	1.9	13
6	A Supernova-driven, Magnetically Collimated Outflow as the Origin of the Galactic Center Radio Bubbles. <i>Astrophysical Journal</i> , 2021, 913, 68.	1.6	9
7	Giant Cosmic-Ray Halos around M31 and the Milky Way. <i>Astrophysical Journal</i> , 2021, 914, 135.	1.6	16
8	Searches for sterile neutrinos and axionlike particles from the Galactic halo with eROSITA. <i>Physical Review D</i> , 2021, 104, .	1.6	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.	1.6	12
10	Probing the Halo Gas Distribution in the Inner Galaxy with Fermi Bubble Observations. <i>Astrophysical Journal</i> , 2021, 915, 85.	1.6	5
11	The cold circumgalactic medium in emission: Mg λ 7890 haloes in TNG50. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4445-4463.	1.6	29
12	eROSITA discovery of a large circular SNR candidate G116.6+26.1: SNR explosion probing the gas of the Milky Way halo?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 971-982.	1.6	10
13	Signatures of Recent Cosmic-Ray Acceleration in the High-latitude Gamma-Ray Sky. <i>Astrophysical Journal</i> , 2021, 917, 30.	1.6	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.	1.6	21
15	SRG X-ray orbital observatory. <i>Astronomy and Astrophysics</i> , 2021, 656, A132.	2.1	134
16	Prospects for a polarimetric mapping of the Sgr A molecular cloud complex with IXPE. <i>Astronomy and Astrophysics</i> , 2021, 655, A108.	2.1	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.	1.6	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.	1.6	36

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21	Far-UV and Optical Emissions from Three Very Large Supernova Remnants Located at Unusually High Galactic Latitudes. Astrophysical Journal, 2021, 920, 90.	1.6	12
22	Dust Destruction in Hot Gas Dynamic Flows. Bulletin of the Lebedev Physics Institute, 2021, 48, 327-331.	0.1	1
23	Gamma Rays from Fast Black-hole Winds. Astrophysical Journal, 2021, 921, 144.	1.6	14
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25	Revisiting the Distance to Radio Loops I and IV Using Gaia and Radio/Optical Polarization Data. Astrophysical Journal, 2021, 922, 210.	1.6	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.	1.6	1
27	Driving Galactic Outflows with Magnetic Fields at Low and High Redshift. Astrophysical Journal, 2022, 924, 26.	1.6	4
28	Multiwavelength emission from leptonic processes in ageing galaxy bubbles. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5834-5853.	1.6	2
29	Tracing the Milky Way's Vestigial Nuclear Jet. Astrophysical Journal, 2021, 922, 254.	1.6	14
30	Molecular Gas within the Milky Way's Nuclear Wind. Astrophysical Journal Letters, 2021, 923, L11.	3.0	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.	0.3	2
33	Unveiling the Origin of the Fermi Bubbles with MeV Photon Telescopes. Astrophysical Journal, 2022, 927, 225.	1.6	3
34	CMB as thermal radiation from cosmic dust grains in equilibrium with the redshifted starlight. Journal of Physics: Conference Series, 2022, 2197, 012026.	0.3	0
35	Fermi and eROSITA bubbles as relics of the past activity of the Galaxy's central black hole. Nature Astronomy, 2022, 6, 584-591.	4.2	26
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.	1.6	3
37	On the Mass Loading of AGN-driven Outflows in Elliptical Galaxies and Clusters. Astrophysical Journal, 2021, 923, 256.	1.6	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.	1.6	7
39	Multi-scale feedback and feeding in the closest radio galaxy Centaurus A. <i>Nature Astronomy</i> , 2022, 6, 109-120.	4.2	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.	1.6	5
41	Spinning black holes magnetically connected to a Keplerian disk. <i>Astronomy and Astrophysics</i> , 2022, 663, A169.	2.1	10
42	Astrospheres of Planet-Hosting Cool Stars and Beyond â When Modeling Meets Observations. <i>Space Science Reviews</i> , 2022, 218, 1.	3.7	12
43	The Solar Cycle Temporal Variation of the Solar Wind Charge Exchange X-Ray Lines. <i>Astrophysical Journal</i> , 2022, 930, 21.	1.6	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.	1.6	0
45	A deep near-infrared view of the Ophiuchus galaxy cluster. <i>Astronomy and Astrophysics</i> , 2022, 663, A158.	2.1	4
46	ASTRI Mini-Array core science at the Observatorio del Teide. <i>Journal of High Energy Astrophysics</i> , 2022, 35, 1-42.	2.4	18
47	Return of the templates: Revisiting the Galactic Center excess with multimessenger observations. <i>Physical Review D</i> , 2022, 105, .	1.6	30
48	Diverse metallicities of Fermi bubble clouds indicate dual origins in the disk and halo. <i>Nature Astronomy</i> , 2022, 6, 968-975.	4.2	6
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50	Exploring the MeV sky with a combined coded mask and Compton telescope: the Galactic Explorer with a Coded aperture mask Compton telescope (GECCO). <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 036.	1.9	19
51	Predictions for the X-ray circumgalactic medium of edge-on discs and spheroids. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	3
52	Emission from hadronic and leptonic processes in galactic jet-driven bubbles. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	2
54	Improving Black Hole Accretion Treatment in Hydrodynamical Simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0
55	High-energy Gamma Rays from Magnetically Arrested Disks in Nearby Radio Galaxies. <i>Astrophysical Journal</i> , 2022, 935, 159.	1.6	2
56	Galactic Winds and Bubbles from Nuclear Starburst Rings. <i>Astrophysical Journal Letters</i> , 2022, 935, L24.	3.0	6

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57	Galactic halo bubble magnetic fields and UHECR deflections. Monthly Notices of the Royal Astronomical Society, 2022, 517, 2534-2545.	1.6	2
58	Supernova-remnant origin of the Galactic-Centre filaments. Monthly Notices of the Royal Astronomical Society, 2022, 518, 6273-6292.	1.6	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, , .	1.6	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.	1.2	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
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66	A galactic breeze origin for the Fermi bubbles emission. Monthly Notices of the Royal Astronomical Society, 2022, 518, 6083-6091.	1.6	1
67	QUIJOTE scientific results â€“ VI. The Haze as seen by QUIJOTE. Monthly Notices of the Royal Astronomical Society, 2023, 519, 3460-3480.	1.6	4
68	Study of the excess Fe XXV line emission in the central degrees of the Galactic centre using <i>XMM-Newton</i> data. Astronomy and Astrophysics, 2023, 671, A55.	2.1	2
69	Disc-halo gas outflows driven by stellar clusters as seen in multiwavelength tracers. Monthly Notices of the Royal Astronomical Society, 2023, 520, 2655-2667.	1.6	0
70	The Interaction of the Active Nucleus with the Host Galaxy Interstellar Medium. , 2023, , 1-46.		3
71	NOEMA spatially resolved view of the multiphase outflow in IRAS17020+4544: a shocked wind in action?. Monthly Notices of the Royal Astronomical Society, 2023, 521, 2134-2148.	1.6	2
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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.	1.6	3
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78	Jet Feedback in Star-Forming Galaxies. <i>Galaxies</i> , 2023, 11, 29.	1.1	2
79	<i>SRG</i>/eROSITA discovery of a radio-faint X-ray candidate supernova remnant SRGe J003602.3+605421Å=ÅG121.1â~1.9. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 5536-5556.	1.6	3
80	Detection of a Superviral Hot Component in the Milky Way Circumgalactic Medium Along Multiple Sight Lines by Using the Stacking Technique. <i>Astrophysical Journal</i> , 2023, 946, 55.	1.6	4
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121	Diffuse Hot Plasma in the Interstellar Medium and Galactic Outflows. , 2024, , 3583-3613.		0
122	The Hot Interstellar Medium. , 2024, , 4321-4368.		0