

Samar Safi-Harb

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,171
citations

361413

20
h-index

377865

34
g-index

41
all docs

41
docs citations

41
times ranked

2000
citing authors

#	ARTICLE	IF	CITATIONS
1	A census of high-energy observations of Galactic supernova remnants. <i>Advances in Space Research</i> , 2012, 49, 1313-1319.	2.6	162
2	DISCRIMINATING THE PROGENITOR TYPE OF SUPERNOVA REMNANTS WITH IRON K-SHELL EMISSION. <i>Astrophysical Journal Letters</i> , 2014, 785, L27.	8.3	128
3	CAVITY OF MOLECULAR GAS ASSOCIATED WITH SUPERNOVA REMNANT 3C 397. <i>Astrophysical Journal</i> , 2010, 712, 1147-1156.	4.5	106
4	Variability of the High Magnetic Field X-Ray Pulsar PSR J1846-0258 Associated with the Supernova Remnant Kes 75 as Revealed by the <i>Chandra X-Ray Observatory</i> . <i>Astrophysical Journal</i> , 2008, 678, L43-L46.	4.5	74
5	A Quick Look at the 3 GHz Radio Sky. I. Source Statistics from the Very Large Array Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 30.	7.7	72
6	Atmospheric gas dynamics in the Perseus cluster observed with Hitomi. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	57
7	Chandra Detection of the High Magnetic Field Radio Pulsar J1119-6127 in the Supernova Remnant G292.2-0.5. <i>Astrophysical Journal</i> , 2003, 591, L143-L146.	4.5	52
8	Atomic data and spectral modeling constraints from high-resolution X-ray observations of the Perseus cluster with Hitomi. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	46
9	EXPANDING MOLECULAR BUBBLE SURROUNDING TYCHO'S SUPERNOVA REMNANT (SN 1572) OBSERVED WITH THE IRAM 30 m TELESCOPE: EVIDENCE FOR A SINGLE-DEGENERATE PROGENITOR. <i>Astrophysical Journal</i> , 2016, 826, 34.	4.5	44
10	A Deep CFHT Optical Search for a Counterpart to the Possible Neutron Star "Black Hole Merger" GW190814. <i>Astrophysical Journal</i> , 2020, 895, 96.	4.5	40
11	Parameterizing the Supernova Engine and Its Effect on Remnants and Basic Yields. <i>Astrophysical Journal</i> , 2018, 856, 63.	4.5	36
12	CHANDRA AND XMM-NEWTON STUDIES OF THE SUPERNOVA REMNANT G292.2-0.5 ASSOCIATED WITH THE PULSAR J1119-6127. <i>Astrophysical Journal</i> , 2012, 754, 96.	4.5	30
13	Measurements of resonant scattering in the Perseus Cluster core with Hitomi SXS. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	29
14	Hitomi observation of radio galaxy NGC 1275: The first X-ray microcalorimeter spectroscopy of Fe-K \pm line emission from an active galactic nucleus. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	27
15	MULTI-WAVELENGTH STUDY OF THE SUPERNOVA REMNANT KES 79 (G33.6+0.1): ON ITS SUPERNOVA PROPERTIES AND EXPANSION INTO A MOLECULAR ENVIRONMENT. <i>Astrophysical Journal</i> , 2016, 831, 192.	4.5	25
16	60Fe in core-collapse supernovae and prospects for X-ray and gamma-ray detection in supernova remnants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 4287-4310.	4.4	22
17	Detection of polarized gamma-ray emission from the Crab nebula with the Hitomi Soft Gamma-ray Detector. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	21
18	Spatially resolved X-ray study of supernova remnants that host magnetars: Implication of their fossil field origin. <i>Astronomy and Astrophysics</i> , 2019, 629, A51.	5.1	21

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19	THREE-DIMENSIONAL SIMULATIONS OF THE NON-THERMAL BROADBAND EMISSION FROM YOUNG SUPERNOVA REMNANTS INCLUDING EFFICIENT PARTICLE ACCELERATION. <i>Astrophysical Journal</i> , 2014, 789, 49.	4.5	20
20	Temperature structure in the Perseus cluster core observed with Hitomi. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	20
21	The deepest <i>Chandra</i> X-ray study of the plerionic supernova remnant G21.5 ⁺ 0.9. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1031-1042.	4.4	20
22	THREE-DIMENSIONAL SIMULATIONS OF THE THERMAL X-RAY EMISSION FROM YOUNG SUPERNOVA REMNANTS INCLUDING EFFICIENT PARTICLE ACCELERATION. <i>Astrophysical Journal</i> , 2012, 760, 34.	4.5	18
23	PSR J1119 ⁻ 6127 and Its Pulsar Wind Nebula Following the Magnetar-like Bursts. <i>Astrophysical Journal Letters</i> , 2017, 850, L18.	8.3	18
24	The Eel Pulsar Wind Nebula: A PeVatron-candidate Origin for HAWC J1826 ⁺ 128 and HESS J1826 ⁺ 130. <i>Astrophysical Journal</i> , 2022, 930, 148.	4.5	12
25	Reactivation of the High Magnetic Field Pulsar PSR J1846 ⁻ 0258 with Magnetar-like Bursts. <i>Astrophysical Journal Letters</i> , 2021, 911, L6.	8.3	10
26	Search for thermal X-ray features from the Crab nebula with the Hitomi soft X-ray spectrometer. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	8
27	Hitomi X-ray studies of giant radio pulses from the Crab pulsar. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	8
28	Hitomi X-ray observation of the pulsar wind nebula G21.5 ⁺ 0.9. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	8
29	The Double Detonation of a Double-degenerate System, from Type Ia Supernova Explosion to its Supernova Remnant. <i>Astrophysical Journal</i> , 2022, 930, 92.	4.5	8
30	Chandra Observations of the Newly Discovered Magnetar Swift J1818.0 ⁻ 1607. <i>Astrophysical Journal Letters</i> , 2020, 904, L19.	8.3	6
31	Hitomi observations of the LMC SNR N132 ^D : Highly redshifted X-ray emission from iron ejecta. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	5
32	Glimpse of the highly obscured HMXB IGR J16318 ⁺ 4848 with Hitomi. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	4
33	A high-energy catalogue of Galactic supernova remnants and pulsar wind nebulae. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 483-485.	0.0	3
34	Plerionic supernova remnants. , 2012, , .		2
35	Pulsar Wind Nebulae: On their growing diversity and association with highly magnetized neutron stars. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 251-256.	0.0	2
36	X-ray and radio studies of SNR B37B hosting the magnetar CXOU J171405.7 ⁺ 381031. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5019-5028.	4.4	2

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37	Revealing hidden variability in PWNe with spectral index maps. Monthly Notices of the Royal Astronomical Society, 2020, 498, 821-834.	4.4	2
38	Back to Quiescence: Postoutburst Evolution of the Pulsar J1119â€“6127 and Its Wind Nebula. Astrophysical Journal, 2021, 917, 56.	4.5	2
39	Absorption variability of the highly obscured active galactic nucleus NGCâˆ4507. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5942-5959.	4.4	1
40	An XMM-Newton study of the mixed-morphology supernova remnant W28. Proceedings of the International Astronomical Union, 2013, 9, 360-361.	0.0	0
41	Gamma2016: Highlights and summary of galactic science. AIP Conference Proceedings, 2017, , .	0.4	0