

# 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	Absorption variability of the highly obscured active galactic nucleus NGC 4507. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5942-5959.	4.4	1
2	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
3	The Eel Pulsar Wind Nebula: A PeVatron-candidate Origin for HAWC J1826 <sup>+128</sup> and HESS J1826 <sup>+130</sup> . <i>Astrophysical Journal</i> , 2022, 930, 148.	4.5	12
4	Reactivation of the High Magnetic Field Pulsar PSR J1846 <sup>+0258</sup> with Magnetar-like Bursts. <i>Astrophysical Journal Letters</i> , 2021, 911, L6.	8.3	10
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	Back to Quiescence: Postoutburst Evolution of the Pulsar J1119 <sup>+6127</sup> and Its Wind Nebula. <i>Astrophysical Journal</i> , 2021, 917, 56.	4.5	2
7	Revealing hidden variability in PWNe with spectral index maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 821-834.	4.4	2
8	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
9	Chandra Observations of the Newly Discovered Magnetar Swift J1818.0 <sup>+1607</sup> . <i>Astrophysical Journal Letters</i> , 2020, 904, L19.	8.3	6
10	X-ray and radio studies of SNR CTB 37B hosting the magnetar CXOU J171405.7 <sup>+381031</sup> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5019-5028.	4.4	2
11	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
12	The deepest Chandra X-ray study of the plerionic supernova remnant G21.5 <sup>+0.9</sup> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1031-1042.	4.4	20
13	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
14	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
15	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
16	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
17	Hitomi observations of the LMC SNR N 132D: Highly redshifted X-ray emission from iron ejecta. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	5
18	Glimpse of the highly obscured HMXB IGR J16318 <sup>+4848</sup> with Hitomi. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	4

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19	Hitomi X-ray studies of giant radio pulses from the Crab pulsar. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
20	Measurements of resonant scattering in the Perseus Cluster core with Hitomi SXS. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	29
21	Atmospheric gas dynamics in the Perseus cluster observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	57
22	Hitomi observation of radio galaxy NGC 1275: The first X-ray microcalorimeter spectroscopy of Fe-K $\pm$ line emission from an active galactic nucleus. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	27
23	Temperature structure in the Perseus cluster core observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	20
24	Parameterizing the Supernova Engine and Its Effect on Remnants and Basic Yields. Astrophysical Journal, 2018, 856, 63.	4.5	36
25	Hitomi X-ray observation of the pulsar wind nebula G21.5 $\hat{w}$ 0.9. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
26	Gamma2016: Highlights and summary of galactic science. AIP Conference Proceedings, 2017, , .	0.4	0
27	PSR J1119 $\hat{a}$ 6127 and Its Pulsar Wind Nebula Following the Magnetar-like Bursts. Astrophysical Journal Letters, 2017, 850, L18.	8.3	18
28	EXPANDING MOLECULAR BUBBLE SURROUNDING TYCHO $\hat{a}$ MS SUPERNOVA REMNANT (SN 1572) OBSERVED WITH THE IRAM 30 m TELESCOPE: EVIDENCE FOR A SINGLE-DEGENERATE PROGENITOR. Astrophysical Journal, 2016, 826, 34.	4.5	44
29	MULTI-WAVELENGTH STUDY OF THE SUPERNOVA REMNANT KES 79 (G33.6+0.1): ON ITS SUPERNOVA PROPERTIES AND EXPANSION INTO A MOLECULAR ENVIRONMENT. Astrophysical Journal, 2016, 831, 192.	4.5	25
30	DISCRIMINATING THE PROGENITOR TYPE OF SUPERNOVA REMNANTS WITH IRON K-SHELL EMISSION. Astrophysical Journal Letters, 2014, 785, L27.	8.3	128
31	THREE-DIMENSIONAL SIMULATIONS OF THE NON-THERMAL BROADBAND EMISSION FROM YOUNG SUPERNOVA REMNANTS INCLUDING EFFICIENT PARTICLE ACCELERATION. Astrophysical Journal, 2014, 789, 49.	4.5	20
32	An XMM-Newton study of the mixed-morphology supernova remnant W28. Proceedings of the International Astronomical Union, 2013, 9, 360-361.	0.0	0
33	A high-energy catalogue of Galactic supernova remnants and pulsar wind nebulae. Proceedings of the International Astronomical Union, 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. Proceedings of the International Astronomical Union, 2012, 8, 251-256.	0.0	2
36	THREE-DIMENSIONAL SIMULATIONS OF THE THERMAL X-RAY EMISSION FROM YOUNG SUPERNOVA REMNANTS INCLUDING EFFICIENT PARTICLE ACCELERATION. Astrophysical Journal, 2012, 760, 34.	4.5	18

#	ARTICLE	IF	CITATIONS
37	<i>CHANDRA</i>AND<i>XMM-NEWTON</i>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
38	A census of high-energy observations of Galactic supernova remnants. <i>Advances in Space Research</i> , 2012, 49, 1313-1319.	2.6	162
39	CAVITY OF MOLECULAR GAS ASSOCIATED WITH SUPERNOVA REMNANT 3C 397. <i>Astrophysical Journal</i> , 2010, 712, 1147-1156.	4.5	106
40	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
41	Chandra Detection of the High Magnetic Field Radio Pulsar J1119-6127in the Supernova Remnant G292.2-0.5. <i>Astrophysical Journal</i> , 2003, 591, L143-L146.	4.5	52