

# Hisamitsu Awaki

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

2,179  
citations

516710

16  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1586  
citing authors

#	ARTICLE	IF	CITATIONS
1	X-Ray Imaging Spectrometer (XIS) on Board Suzaku. Publication of the Astronomical Society of Japan, 2007, 59, S23-S33.	2.5	857
2	The X-Ray Observatory Suzaku. Publication of the Astronomical Society of Japan, 2007, 59, S1-S7.	2.5	823
3	Hitomi (ASTRO-H) X-ray Astronomy Satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	64
4	Atmospheric gas dynamics in the Perseus cluster observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	57
5	Atomic data and spectral modeling constraints from high-resolution X-ray observations of the Perseus cluster with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	46
6	Suzaku Wide-Band X-Ray Spectroscopy of the Seyfert2 AGN in NGC 4945. Publication of the Astronomical Society of Japan, 2008, 60, S251-S261.	2.5	42
7	<i>SUZAKU</i>VIEW OF THE<i>SWIFT</i>/BAT ACTIVE GALACTIC NUCLEI. III. APPLICATION OF NUMERICAL TORUS MODELS TO TWO NEARLY COMPTON THICK ACTIVE GALACTIC NUCLEI (NGC 612 AND NGC 3081). Astrophysical Journal, 2011, 729, 31.	4.5	33
8	Detection of Hard X-Rays from the Compton-Thick Seyfert 2 Galaxy NGC 2273 with Suzaku. Publication of the Astronomical Society of Japan, 2009, 61, S317-S325.	2.5	31
9	Measurements of resonant scattering in the Perseus Cluster core with Hitomi SXS. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	29
10	Wide-Band Spectroscopy of the Compton Thick Seyfert2 Galaxy Markarian 3 with Suzaku. Publication of the Astronomical Society of Japan, 2008, 60, S293-S305.	2.5	27
11	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
12	Suzaku Observations of Heavily Obscured (Compton-thick) Active Galactic Nuclei Selected by the Swift/BAT Hard X-Ray Survey. Astrophysical Journal, 2018, 853, 146.	4.5	23
13	Detection of polarized gamma-ray emission from the Crab nebula with the Hitomi Soft Gamma-ray Detector. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	21
14	Temperature structure in the Perseus cluster core observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	20
15	Estimation of Central Black Hole Masses in Low-Luminosity Active Galactic Nuclei. Publication of the Astronomical Society of Japan, 2001, 53, 647-652.	2.5	18
16	In-orbit performance of the soft X-ray imaging system aboard Hitomi (ASTRO-H). Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	16
17	Search for thermal X-ray features from the Crab nebula with the Hitomi soft X-ray spectrometer. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
18	Hitomi X-ray studies of giant radio pulses from the Crab pulsar. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8

#	ARTICLE	IF	CITATIONS
19	Hitomi X-ray observation of the pulsar wind nebula G21.5 <sup>+</sup> 0.9. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
20	Studies of print-through and reflectivity of x-ray mirrors using thin carbon-fiber-reinforced plastic. Journal of Astronomical Telescopes, Instruments, and Systems, 2016, 2, 014002.	1.8	5
21	Hitomi observations of the LMC SNR N132D: Highly redshifted X-ray emission from iron ejecta. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	5
22	Studies of the moisture absorption of thin carbon fiber reinforced plastic substrates for x-ray mirrors. Journal of Astronomical Telescopes, Instruments, and Systems, 2015, 1, 034003.	1.8	4
23	Glimpse of the highly obscured HMXB IGR J16318 <sup>+</sup> 4848 with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	4
24	ASCA Observation of Unusually X-Ray-Hard Radio-Quiet QSO Kaz102. Publication of the Astronomical Society of Japan, 2003, 55, L11-L15.	2.5	3
25	Multiwavelength Properties of Obscured AGNs Selected from the XMM-Newton Serendipitous Source Catalogue. , 2010, , .		0