

Hiroya Yamaguchi

List of Publications by Year in descending order

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331538

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48
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1656
citing authors

#	ARTICLE	IF	CITATIONS
1	An Expanding Shell of Neutral Hydrogen Associated with SN 1006: Hints for the Single-degenerate Origin and Faint Hadronic Gamma-Rays. <i>Astrophysical Journal</i> , 2022, 933, 157.	1.6	6
2	Discovery of Double-ring Structure in the Supernova Remnant N103B: Evidence for Bipolar Winds from a Type Ia Supernova Progenitor. <i>Astrophysical Journal Letters</i> , 2021, 910, L24.	3.0	12
3	Discovery of a Highly Neutronized Ejecta Clump in the Type Ia Supernova Remnant 3C 397. <i>Astrophysical Journal Letters</i> , 2021, 913, L34.	3.0	13
4	Rapid Deceleration of Blast Waves Witnessed in Tycho's Supernova Remnant. <i>Astrophysical Journal Letters</i> , 2021, 906, L3.	3.0	10
5	A Nucleosynthetic Origin for the Southwestern Fe-rich Structure in Kepler's Supernova Remnant. <i>Astrophysical Journal</i> , 2020, 890, 104.	1.6	16
6	Recombining plasma in supernova remnants: Discovery and progress in the last decade. <i>Astronomische Nachrichten</i> , 2020, 341, 150-155.	0.6	6
7	Deep XMM-Newton Observations Reveal the Origin of Recombining Plasma in the Supernova Remnant W44. <i>Astrophysical Journal</i> , 2020, 890, 62.	1.6	18
8	Uniform Distribution of the Extremely Overionized Plasma Associated with the Supernova Remnant G359.1-0.5. <i>Astrophysical Journal</i> , 2020, 893, 147.	1.6	9
9	Element Stratification in the Middle-aged SN Ia Remnant G344.7 \pm 0.1. <i>Astrophysical Journal</i> , 2020, 897, 62.	1.6	5
10	Plasma Diagnostics of the Supernova Remnant N132D using Deep XMM-Newton Observations with the Reflection Grating Spectrometer. <i>Astrophysical Journal</i> , 2020, 900, 39.	1.6	7
11	The Transition from Young to Middle-aged Supernova Remnants: Thermal and Nonthermal Aspects of SNR N132D. <i>Astrophysical Journal</i> , 2018, 854, 71.	1.6	26
12	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, .	1.0	21
13	Evidence for Rapid Adiabatic Cooling as an Origin of the Recombining Plasma in the Supernova Remnant W49B Revealed by NuSTAR Observations. <i>Astrophysical Journal Letters</i> , 2018, 868, L35.	3.0	21
14	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, .	1.0	8
15	Chandrasekhar and Sub-Chandrasekhar Models for the X-Ray Emission of Type Ia Supernova Remnants. I. Bulk Properties. <i>Astrophysical Journal</i> , 2018, 865, 151.	1.6	17
16	Hitomi observations of the LMC SNR N132D: Highly redshifted X-ray emission from iron ejecta. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	1.0	5
17	NuSTAR Detection of Nonthermal Bremsstrahlung from the Supernova Remnant W49B. <i>Astrophysical Journal Letters</i> , 2018, 866, L26.	3.0	14
18	Measurements of resonant scattering in the Perseus Cluster core with Hitomi SXS. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	1.0	29

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19	Temperature structure in the Perseus cluster core observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	20
20	Asymmetric expansion of the Fe ejecta in Keplerâ€™s supernova remnant. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	8
21	Concept of the X-ray Astronomy Recovery Mission. , 2018, , .		85
22	The Three-dimensional Expansion of the Ejecta from Tycho's Supernova Remnant. Astrophysical Journal, 2017, 842, 28.	1.6	21
23	THE ORIGIN OF THE IRON-RICH KNOT IN TYCHOâ€™S SUPERNOVA REMNANT. Astrophysical Journal, 2017, 834, 124.	1.6	28
24	Numerical Simulations of Supernova Remnant Evolution in a Cloudy Interstellar Medium. Astrophysical Journal, 2017, 846, 77.	1.6	31
25	Observational Evidence for High Neutronization in Supernova Remnants: Implications for Type Ia Supernova Progenitors. Astrophysical Journal, 2017, 843, 35.	1.6	33
26	THE REFINED SHOCK VELOCITY OF THE X-RAY FILAMENTS IN THE RCW 86 NORTHEAST RIM. Astrophysical Journal Letters, 2016, 820, L3.	3.0	20
27	A systematic study of evolved supernova remnants in the large and small Magellanic Clouds with Suzaku. Publication of the Astronomical Society of Japan, 2016, 68, .	1.0	6
28	A CHANDRASEKHAR MASS PROGENITOR FOR THE TYPE Ia SUPERNOVA REMNANT 3C 397 FROM THE ENHANCED ABUNDANCES OF NICKEL AND MANGANESE. Astrophysical Journal Letters, 2015, 801, L31.	3.0	103
29	N49: THE FIRST ROBUST DISCOVERY OF RECOMBINING PLASMA IN AN EXTRA GALACTIC SUPERNOVA REMNANT. Astrophysical Journal, 2015, 808, 77.	1.6	20
30	DISCRIMINATING THE PROGENITOR TYPE OF SUPERNOVA REMNANTS WITH IRON K-SHELL EMISSION. Astrophysical Journal Letters, 2014, 785, L27.	3.0	128
31	NEW EVIDENCE FOR EFFICIENT COLLISIONLESS HEATING OF ELECTRONS AT THE REVERSE SHOCK OF A YOUNG SUPERNOVA REMNANT. Astrophysical Journal, 2014, 780, 136.	1.6	53
32	A CHANDRA VIEW OF NON-THERMAL EMISSION IN THE NORTHWESTERN REGION OF SUPERNOVA REMNANT RCW 86: PARTICLE ACCELERATION AND MAGNETIC FIELDS. Astrophysical Journal, 2013, 779, 49.	1.6	12
33	UNRAVELING THE ORIGIN OF OVERIONIZED PLASMA IN THE GALACTIC SUPERNOVA REMNANT W49B. Astrophysical Journal, 2013, 777, 145.	1.6	36
34	ASYMMETRIC EJECTA DISTRIBUTION IN SN 1006. Astrophysical Journal, 2013, 771, 56.	1.6	34
35	Recombining Plasma and Hard X-Ray Filament in the Mixed-Morphology Supernova Remnant W 44. Publication of the Astronomical Society of Japan, 2012, 64, .	1.0	59
36	Extremely over-ionized plasma in the supernova remnant G359.1-0.5. , 2012, , .		0

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37	New insights into SNR evolution revealed by the discovery of recombining plasmas. <i>Advances in Space Research</i> , 2012, 49, 451-457.	1.2	11
38	X-Ray Spectrum of a Peculiar Supernova Remnant, G 359.1-0.5. <i>Publication of the Astronomical Society of Japan</i> , 2011, 63, 527-533.	1.0	56
39	Suzaku View of the Supernova Remnant RCW 86: X-Ray Studies of Newly-Discovered Fe-Rich Ejecta. <i>Publication of the Astronomical Society of Japan</i> , 2011, 63, S837-S848.	1.0	26
40	EXPANSION VELOCITY OF EJECTA IN TYCHO'S SUPERNOVA REMNANT MEASURED BY DOPPLER BROADENED X-RAY LINE EMISSION. <i>Astrophysical Journal</i> , 2010, 725, 894-903.	1.6	95
41	X-RAY MEASURED DYNAMICS OF TYCHO'S SUPERNOVA REMNANT. <i>Astrophysical Journal</i> , 2010, 709, 1387-1395.	1.6	86
42	Reproducibility of Non-X-Ray Background for the X-Ray Imaging Spectrometer aboard Suzaku. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, S11-S24.	1.0	267
43	Suzaku Observation of the RCW86 Northeastern Shell. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, S123-S129.	1.0	26
44	X-Ray Spectroscopy of SN 1006 with Suzaku. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, S141-S151.	1.0	56
45	Performance of the Charge-Injection Capability of Suzaku XIS. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, S1-S9.	1.0	62
46	A Suzaku Observation of the Low-Ionization Fe-Line Emission from RCW 86. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S171-S176.	1.0	16
47	Monte Carlo Simulator and Ancillary Response Generator of Suzaku XRT/XIS System for Spatially Extended Source Analysis. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S113-S132.	1.0	380
48	X-Ray Imaging Spectrometer (XIS) on Board Suzaku. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S23-S33.	1.0	857