

# Kenji Hamaguchi

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

545  
citations

567144

15  
h-index

642610

23  
g-index

30  
all docs

30  
docs citations

30  
times ranked

776  
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray Spectral Variation of $\hat{\iota}$ Carinae through the 2003 X-ray Minimum. <i>Astrophysical Journal</i> , 2007, 663, 522-542.	1.6	69
2	Discovery of Extremely Embedded X-ray Sources in the R Coronae Australis Star-forming Core. <i>Astrophysical Journal</i> , 2005, 623, 291-301.	1.6	42
3	Non-thermal X-rays from colliding wind shock acceleration in the massive binary Eta Carinae. <i>Nature Astronomy</i> , 2018, 2, 731-736.	4.2	36
4	The 2014 X-Ray Minimum of $\hat{\iota}$ Carinae as Seen by Swift. <i>Astrophysical Journal</i> , 2017, 838, 45.	1.6	30
5	X-RAY EMISSION FROM ETA CARINAE NEAR PERIASTRON IN 2009. I. A TWO-STATE SOLUTION. <i>Astrophysical Journal</i> , 2014, 784, 125.	1.6	29
6	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
7	The fossil wind structures of Eta Carinae: changes across one 5.54-yr cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3196-3220.	1.6	27
8	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, .	1.0	27
9	DISCOVERY OF RAPIDLY MOVING PARTIAL X-RAY ABSORBERS WITHIN GAMMA CASSIOPEIAE. <i>Astrophysical Journal</i> , 2016, 832, 140.	1.6	25
10	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
11	To $\hat{\iota}$ and beyond! The He absorption variability across the 2014.6 periastron passage of $\hat{\iota}$ Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 2540-2558.	1.6	20
12	Temperature structure in the Perseus cluster core observed with Hitomi. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	1.0	20
13	Super-Hard X-Ray Emission from $\hat{\iota}$ Carinae Observed with Suzaku. <i>Publication of the Astronomical Society of Japan</i> , 2009, 61, 629-637.	1.0	19
14	Simultaneous Multiwavelength Flare Observations of EV Lacertae. <i>Astrophysical Journal</i> , 2021, 922, 31.	1.6	16
15	First Observation of the MeV Gamma-Ray Universe with Bifurcated Imaging Spectroscopy Using the Electron-tracking Compton Telescope on Board SMILE-2+. <i>Astrophysical Journal</i> , 2022, 930, 6.	1.6	16
16	ETA CARINAE THERMAL X-RAY TAIL MEASURED WITH XMM-NEWTON AND NuSTAR. <i>Astrophysical Journal</i> , 2016, 817, 23.	1.6	15
17	Modelling the Central Constant Emission X-ray component of $\hat{\iota}$ Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2275-2287.	1.6	15
18	SUZAKU MONITORING OF HARD X-RAY EMISSION FROM $\hat{\iota}$ CARINAE OVER A SINGLE BINARY ORBITAL CYCLE. <i>Astrophysical Journal</i> , 2014, 795, 119.	1.6	14

#	ARTICLE	IF	CITATIONS
19	Evidence for magnetic activity at starbirth: a powerful X-ray flare from the Class 0 protostar HOPS 383. <i>Astronomy and Astrophysics</i> , 2020, 638, L4.	2.1	14
20	<i>SUZAKU</i> OBSERVATION OF STRONG FLUORESCENT IRON LINE EMISSION FROM THE YOUNG STELLAR OBJECT V1647 ORI DURING ITS NEW X-RAY OUTBURST. <i>Astrophysical Journal Letters</i> , 2010, 714, L16-L20.	3.0	10
21	The RS CVnâ€‘type Star GT Mus Shows Most Energetic X-Ray Flares Throughout the 2010s. <i>Astrophysical Journal</i> , 2021, 910, 25.	1.6	9
22	Competitive X-Ray and Optical Cooling in the Collisionless Shocks of WR 140. <i>Astrophysical Journal</i> , 2021, 923, 191.	1.6	9
23	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
24	Conditions in the WRâˆ‘140 wind-collision region revealed by the 1.083-âˆ‘m Heâˆ‘ line profile. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 643-659.	1.6	6
25	NICER X-Ray Observations of Eta Carinae during Its Most Recent Periastron Passage. <i>Astrophysical Journal</i> , 2022, 933, 136.	1.6	5
26	Glimpse of the highly obscured HMXB IGRâˆ‘J16318âˆ‘4848 with Hitomi. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	1.0	4
27	Eta Carinae: A Tale of Two Periastron Passages. <i>Astrophysical Journal</i> , 2021, 923, 102.	1.6	4
28	Eta Carinae: An Evolving View of the Central Binary, Its Interacting Winds and Its Foreground Ejecta. <i>Astrophysical Journal</i> , 2022, 933, 175.	1.6	4
29	Understanding the physical state of hot plasma formed through stellar wind collision in WR140 using high-resolution X-ray spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 6074-6087.	1.6	2
30	Eclipse and collapse of the colliding wind X-ray emission from Eta Carinae. , 2012, , .		0