

# Yoshiyuki Inoue

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5875613/publications.pdf>

Version: 2024-02-01

83  
papers

4,764  
citations

136950

32  
h-index

91884

69  
g-index

85  
all docs

85  
docs citations

85  
times ranked

4495  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interstellar gas heating by primordial black holes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 017.	5.4	12
2	High-energy Emission Component, Population, and Contribution to the Extragalactic Gamma-Ray Background of Gamma-Ray-emitting Radio Galaxies. <i>Astrophysical Journal</i> , 2022, 931, 138.	4.5	5
3	Constraining Primordial Black Holes with Dwarf Galaxy Heating. <i>Astrophysical Journal Letters</i> , 2021, 908, L23.	8.3	30
4	Origin of Galactic Spurs: New Insight from Radio/X-Ray All-sky Maps. <i>Astrophysical Journal</i> , 2021, 908, 14.	4.5	10
5	Gamma-Ray and Neutrino Signals from Accretion Disk Coronae of Active Galactic Nuclei. <i>Galaxies</i> , 2021, 9, 36.	3.0	10
6	Cross-match between the Latest Swift-BAT and Fermi-LAT Catalogs. <i>Astrophysical Journal</i> , 2021, 916, 28.	4.5	2
7	Spatial Variations of Magnetic Field along Active Galactic Nuclei Jets on Sub-parsec to Megaparsec Scales. <i>Astrophysical Journal</i> , 2021, 916, 95.	4.5	2
8	A fundamental plane in X-ray binary activity of external galaxies. <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, 1315-1332.	2.5	4
9	Follow-up observations for IceCube-170922A: Detection of rapid near-infrared variability and intensive monitoring of TXSÅ0506+056. <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, 25-43.	2.5	4
10	Multiwavelength Emission from Galactic Jets: The Case of the Microquasar SS433. <i>Astrophysical Journal</i> , 2020, 889, 146.	4.5	12
11	On the Origin of High-energy Neutrinos from NGC 1068: The Role of Nonthermal Coronal Activity. <i>Astrophysical Journal Letters</i> , 2020, 891, L33.	8.3	42
12	Cosmological Evolution of Flat-spectrum Radio Quasars Based on the Swift/BAT 105 Month Catalog and Their Contribution to the Cosmic MeV Gamma-Ray Background Radiation. <i>Astrophysical Journal</i> , 2020, 896, 172.	4.5	8
13	Blazar Radio and Optical Survey (BROS): A Catalog of Blazar Candidates Showing Flat Radio Spectrum and Their Optical Identification in Pan-STARRS1 Surveys. <i>Astrophysical Journal</i> , 2020, 901, 3.	4.5	15
14	Physical Conditions and Particle Acceleration in the Kiloparsec Jet of Centaurus A. <i>Astrophysical Journal Letters</i> , 2020, 901, L27.	8.3	3
15	On High-energy Particles in Accretion Disk Coronae of Supermassive Black Holes: Implications for MeV Gamma-rays and High-energy Neutrinos from AGN Cores. <i>Astrophysical Journal</i> , 2019, 880, 40.	4.5	41
16	Inverse Compton Scattering of Starlight in the Kiloparsec-scale Jet in Centaurus A: The Origin of Excess TeV $\gamma$ -Ray Emission. <i>Astrophysical Journal</i> , 2019, 878, 139.	4.5	13
17	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
18	Detection of Coronal Magnetic Activity in nearby Active Supermassive Black Holes. <i>Astrophysical Journal</i> , 2018, 869, 114.	4.5	34

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Hitomi X-ray studies of giant radio pulses from the Crab pulsar. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
22	Measurements of resonant scattering in the Perseus Cluster core with Hitomi SXS. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	29
23	Atmospheric gas dynamics in the Perseus cluster observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	57
24	Hitomi observation of radio galaxy NGC1275: The first X-ray microcalorimeter spectroscopy of Fe-K $\alpha$ line emission from an active galactic nucleus. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	27
25	Temperature structure in the Perseus cluster core observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	20
26	Spatial Distribution of the Milky Way Hot Gaseous Halo Constrained by Suzaku X-Ray Observations. Astrophysical Journal, 2018, 862, 34.	4.5	56
27	Hitomi X-ray observation of the pulsar wind nebula G21.5 $\alpha$ 0.9. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
28	X-Ray and Gamma-Ray Observations of the Fermi Bubbles and NPS/Loop I Structures. Galaxies, 2018, 6, 27.	3.0	41
29	Diffuse X-Ray Emission from the Northern Arc of Loop I Observed with Suzaku. Astrophysical Journal, 2018, 862, 88.	4.5	12
30	Hitomi Constraints on the 3.5 keV Line in the Perseus Galaxy Cluster. Astrophysical Journal Letters, 2017, 837, L15.	8.3	84
31	Disk-Jet Connection in Active Supermassive Black Holes in the Standard Accretion Disk Regime. Astrophysical Journal, 2017, 840, 46.	4.5	21
32	Cherenkov telescope array extragalactic survey discovery potential and the impact of axion-like particles and secondary gamma rays. Astroparticle Physics, 2017, 93, 8-16.	4.3	4
33	High energy gamma rays from nebulae associated with extragalactic microquasars and ultra-luminous X-ray sources. Astroparticle Physics, 2017, 90, 14-19.	4.3	6
34	Evidence for Higher Black Hole Spin in Radio-loud Quasars. Astrophysical Journal, 2017, 849, 4.	4.5	16
35	New X-ray bound on density of primordial black holes. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 034-034.	5.4	89
36	The quiescent intracluster medium in the core of the Perseus cluster. Nature, 2016, 535, 117-121.	27.8	348

#	ARTICLE	IF	CITATIONS
37	Binary black hole merger rates inferred from luminosity function of ultra-luminous X-ray sources. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4329-4334.	4.4	12
38	High-frequency excess in the radio continuum spectrum of the type-1 Seyfert galaxy NGC 985. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	18
39	BARYON LOADING EFFICIENCY AND PARTICLE ACCELERATION EFFICIENCY OF RELATIVISTIC JETS: CASES FOR LOW LUMINOSITY BL LACS. Astrophysical Journal, 2016, 828, 13.	4.5	33
40	The ASTRO-H (Hitomi) x-ray astronomy satellite. Proceedings of SPIE, 2016, , .	0.8	47
41	Galactic Centre hypershell model for the North Polar Spurs. Monthly Notices of the Royal Astronomical Society, 2016, 459, 108-120.	4.4	22
42	A significant hardening and rising shape detected in the MeV/GeV $\hat{1}/2$ spectrum from the recently discovered very-high-energy blazar S4 0954+65 during the bright optical flare in 2015 February. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	12
43	LOWER BOUND ON THE COSMIC TeV GAMMA-RAY BACKGROUND RADIATION. Astrophysical Journal, 2016, 818, 187.	4.5	8
44	Prospect for future MeV gamma-ray active galactic nuclei population studies. Publication of the Astronomical Society of Japan, 2015, 67, .	2.5	4
45	THE ORIGIN OF THE EXTRAGALACTIC GAMMA-RAY BACKGROUND AND IMPLICATIONS FOR DARK MATTER ANNIHILATION. Astrophysical Journal Letters, 2015, 800, L27.	8.3	179
46	Metal enrichment in the Fermi bubbles as a probe of their origin. Publication of the Astronomical Society of Japan, 2015, 67, .	2.5	8
47	GLOBAL STRUCTURE OF ISOTHERMAL DIFFUSE X-RAY EMISSION ALONG THE FERMI BUBBLES. Astrophysical Journal, 2015, 807, 77.	4.5	34
48	SUZAKU X-RAY OBSERVATIONS OF THE FERMI BUBBLES: NORTHERNMOST CAP AND SOUTHEAST CLAW DISCOVERED WITH MAXI-SSC. Astrophysical Journal, 2015, 802, 91.	4.5	22
49	The ASTRO-H X-ray astronomy satellite. Proceedings of SPIE, 2014, , .	0.8	45
50	Variable optical polarization during high state in $\hat{1}^3$ -ray loud, narrow-line Seyfert 1 galaxy 1H 0323+342. Publication of the Astronomical Society of Japan, 2014, 66, .	2.5	17
51	Diffuse neutrino intensity from the inner jets of active galactic nuclei: Impacts of external photon fields and the blazar sequence. Physical Review D, 2014, 90, .	4.7	202
52	Inferred Cosmic-Ray Spectrum from Fermi Large Area Telescope $\langle \text{mml:math display="inline">\hat{1}^3</mml:math>-Ray Observations of Earth's Limb. Physical Review Letters, 2014, 112, 151103.$	7.8	28
53	UPPER BOUND ON THE FIRST STAR FORMATION HISTORY. Astrophysical Journal Letters, 2014, 781, L35.	8.3	7
54	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OF FERMI LARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. Astrophysical Journal, 2014, 787, 15.	4.5	100

#	ARTICLE	IF	CITATIONS
55	Unveiling the nature of coronae in active galactic nuclei through submillimeter observations. Publication of the Astronomical Society of Japan, 2014, 66, .	2.5	24
56	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. Science, 2014, 343, 42-47.	12.6	211
57	IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. Astrophysical Journal, 2014, 789, 20.	4.5	96
58	Photopion production in black-hole jets and flat-spectrum radio quasars as PeV neutrino sources. Journal of High Energy Astrophysics, 2014, 3-4, 29-40.	6.7	88
59	Prospects for future very high-energy gamma-ray sky survey: Impact of secondary gamma rays. Astroparticle Physics, 2014, 54, 118-124.	4.3	10
60	REVISITING THE COSMIC STAR FORMATION HISTORY: CAUTION ON THE UNCERTAINTIES IN DUST CORRECTION AND STAR FORMATION RATE CONVERSION. Astrophysical Journal, 2013, 763, 3.	4.5	21
61	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING <i>FERMI</i> -LARGE AREA TELESCOPE OBSERVATIONS. Astrophysical Journal, 2013, 773, 77.	4.5	94
62	PROBING THE COSMIC X-RAY AND MeV GAMMA-RAY BACKGROUND RADIATION THROUGH THE ANISOTROPY. Astrophysical Journal, 2013, 776, 33.	4.5	17
63	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	4.3	504
64	Active Galactic Nuclei under the scrutiny of CTA. Astroparticle Physics, 2013, 43, 215-240.	4.3	42
65	Potential of EBL and cosmology studies with the Cherenkov Telescope Array. Astroparticle Physics, 2013, 43, 241-251.	4.3	14
66	Gamma-ray burst science in the era of the Cherenkov Telescope Array. Astroparticle Physics, 2013, 43, 252-275.	4.3	58
67	Surveys with the Cherenkov Telescope Array. Astroparticle Physics, 2013, 43, 317-330.	4.3	57
68	X-RAY AND RADIO FOLLOW-UP OBSERVATIONS OF HIGH-REDSHIFT BLAZAR CANDIDATES IN THE <i>FERMI</i> -LAT UNASSOCIATED SOURCE POPULATION. Astrophysical Journal, 2013, 773, 36.	4.5	4
69	THE FIRST <i>FERMI</i> -LAT GAMMA-RAY BURST CATALOG. Astrophysical Journal, Supplement Series, 2013, 209, 11.	7.7	232
70	<i>Fermi</i> LARGE AREA TELESCOPE DETECTION OF TWO VERY-HIGH-ENERGY ( $E > 100$ GeV) $\gamma$ -RAY PHOTONS FROM THE $z = 1.1$ BLAZAR PKS 0426+380. Astrophysical Journal Letters, 2013, 777, L18.	8.3	24
71	EXTRAGALACTIC BACKGROUND LIGHT FROM HIERARCHICAL GALAXY FORMATION: GAMMA-RAY ATTENUATION UP TO THE EPOCH OF COSMIC REIONIZATION AND THE FIRST STARS. Astrophysical Journal, 2013, 768, 197.	4.5	125
72	<i>SUZAKU</i> OBSERVATIONS OF THE DIFFUSE X-RAY EMISSION ACROSS THE <i>FERMI</i> BUBBLES' EDGES. Astrophysical Journal, 2013, 779, 57.	4.5	88

#	ARTICLE	IF	CITATIONS
73	THE <i>FERMI</i> ALL-SKY VARIABILITY ANALYSIS: A LIST OF FLARING GAMMA-RAY SOURCES AND THE SEARCH FOR TRANSIENTS IN OUR GALAXY. <i>Astrophysical Journal</i> , 2013, 771, 57.	4.5	47
74	Extragalactic Gamma-ray Background Radiation from Beamed and Unbeamed Active Galactic Nuclei. <i>Journal of Physics: Conference Series</i> , 2012, 355, 012037.	0.4	5
75	Upper limit on the cosmological gamma-ray background. <i>Physical Review D</i> , 2012, 86, .	4.7	25
76	The ASTRO-H X-ray Observatory. <i>Proceedings of SPIE</i> , 2012, , .	0.8	63
77	CONTRIBUTION OF GAMMA-RAY-LOUD RADIO GALAXIES' CORE EMISSIONS TO THE COSMIC MeV AND GeV GAMMA-RAY BACKGROUND RADIATION. <i>Astrophysical Journal</i> , 2011, 733, 66.	4.5	124
78	HIGH ENERGY GAMMA-RAY ABSORPTION AND CASCADE EMISSION IN NEARBY STARBURST GALAXIES. <i>Astrophysical Journal</i> , 2011, 728, 11.	4.5	20
79	Searching for the most distant blazars with the Fermi Gamma-ray Space Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 464-468.	4.4	12
80	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. <i>Experimental Astronomy</i> , 2011, 32, 193-316.	3.7	640
81	Prospects for a Very High-Energy Blazar Survey by the Next-Generation Cherenkov Telescopes. <i>Publication of the Astronomical Society of Japan</i> , 2010, 62, 1005-1016.	2.5	19
82	THE BLAZAR SEQUENCE AND THE COSMIC GAMMA-RAY BACKGROUND RADIATION IN THE <i>FERMI</i> ERA. <i>Astrophysical Journal</i> , 2009, 702, 523-536.	4.5	105
83	The Cosmic MeV Gamma-Ray Background and Hard X-Ray Spectra of Active Galactic Nuclei: Implications for the Origin of Hot AGN Coronae. <i>Astrophysical Journal</i> , 2008, 672, L5-L8.	4.5	50