Jongho Park

List of Publications by Year
in descending order

44	3,139	279798	243625
papers	citations	23 h-index	44 g-index

44	44	44	1075
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First Sagittarius A* Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole in the Center of the Milky Way. Astrophysical Journal Letters, 2022, 930, L12.	8.3	568
2	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. Astrophysical Journal Letters, 2021, 910, L13.	8.3	297
3	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. Astrophysical Journal Letters, 2021, 910, L12.	8.3	215
4	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. Astrophysical Journal Letters, 2022, 930, L17.	8.3	215
5	Gravitational Test beyond the First Post-Newtonian Order with the Shadow of the M87 Black Hole. Physical Review Letters, 2020, 125, 141104.	7.8	190
6	First Sagittarius A* Event Horizon Telescope Results. V. Testing Astrophysical Models of the Galactic Center Black Hole. Astrophysical Journal Letters, 2022, 930, L16.	8.3	187
7	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. Astrophysical Journal Letters, 2022, 930, L14.	8.3	163
8	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. Astrophysical Journal Letters, 2022, 930, L13.	8.3	142
9	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. Astrophysical Journal Letters, 2022, 930, L15.	8.3	137
10	Constraints on black-hole charges with the 2017 EHT observations of M87*. Physical Review D, 2021, 103, .	4.7	126
11	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. Astrophysical Journal Letters, 2021, 910, L14.	8.3	67
12	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. Nature Astronomy, 2021, 5, 1017-1028.	10.1	65
13	Faraday Rotation in the Jet of M87 inside the Bondi Radius: Indication of Winds from Hot Accretion Flows Confining the Relativistic Jet. Astrophysical Journal, 2019, 871, 257.	4.5	62
14	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. Astrophysical Journal Letters, 2021, 911, L11.	8.3	56
15	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. Astronomy and Astrophysics, 2020, 640, A69.	5.1	54
16	Monitoring the Morphology of M87* in 2009â€“2017 with the Event Horizon Telescope. Astrophysical Journal, 2020, 901, 67.	4.5	51
17	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. Astrophysical Journal, 2020, 897, 139.	4.5	47
18	Kinematics of the M87 Jet in the Collimation Zone: Gradual Acceleration and Velocity Stratification. Astrophysical Journal, 2019, 887, 147.	4.5	46

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19	Verification of Radiative Transfer Schemes for the EHT. Astrophysical Journal, 2020, 897, 148.	4.5	44
20	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. Astrophysical Journal, 2021, 912, 35.	4.5	43
21	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. Astrophysical Journal Letters, 2022, 930, L19.	8.3	43
22	Jet Collimation and Acceleration in the Giant Radio Galaxy NGC 315. Astrophysical Journal, 2021, 909, 76.	4.5	25
23	INTERFEROMETRIC MONITORING OF GAMMA-RAY BRIGHT AGNs. I. THE RESULTS OF SINGLE-EPOCH MULTIFREQUENCY OBSERVATIONS. Astrophysical Journal, Supplement Series, 2016, 227, 8.	7.7	24
24	Revealing the Nature of Blazar Radio Cores through Multifrequency Polarization Observations with the Korean VLBI Network. Astrophysical Journal, 2018, 860, 112.	4.5	21
25	Selective Dynamical Imaging of Interferometric Data. Astrophysical Journal Letters, 2022, 930, L18.	8.3	21
26	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. Astrophysical Journal Letters, 2022, 930, L21.	8.3	20
27	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. Astrophysical Journal Letters, 2022, 930, L20.	8.3	20
28	Exploring the Variability of the Flat Spectrum Radio Source 1633+382. I. Phenomenology of the Light Curves. Astrophysical Journal, 2018, 852, 30.	4.5	16
29	THE LONG-TERM CENTIMETER VARIABILITY OF ACTIVE GALACTIC NUCLEI: A NEW RELATION BETWEEN VARIABILITY TIMESCALE AND ACCRETION RATE*. Astrophysical Journal, 2017, 834, 157.	4.5	14
30	The Power of Simultaneous Multi-frequency Observations for mm-VLBI: Beyond Frequency Phase Transfer. Astronomical Journal, 2018, 155, 26.	4.7	14
31	Exploring the Variability of the Flat-spectrum Radio Source 1633+382. II. Physical Properties. Astrophysical Journal, 2018, 859, 128.	4.5	14
32	Ejection of Double Knots from the Radio Core of PKS 1510â€“089 during the Strong Gamma-Ray Flares in 2015. Astrophysical Journal, 2019, 877, 106.	4.5	14
33	Jet kinematics of the quasar 4C+21.35 from observations with the KaVA very long baseline interferometry array. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2412-2421.	4.4	14
34	GPCAL: A Generalized Calibration Pipeline for Instrumental Polarization in VLBI Data. Astrophysical Journal, 2021, 906, 85.	4.5	13
35	The Intrinsic Structure of Sagittarius A* at 1.3 cm and 7 mm. Astrophysical Journal, 2022, 926, 108.	4.5	13
36	Interferometric Monitoring of Gamma-Ray Bright AGNs: OJ 287. Astrophysical Journal, 2020, 902, 104.	4.5	12

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37	East Asian VLBI Network observations of active galactic nuclei jets: imaging with KaVA+Tianma+Nanshan. Research in Astronomy and Astrophysics, 2021, 21, 205.	1.7	12
38	Unraveling the Innermost Jet Structure of OJ 287 with the First GMVA + ALMA Observations. Astrophysical Journal, 2022, 932, 72.	4.5	12
39	Exploring the nature of the 2016 Î³-ray emission in the blazar 1749+096. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2324-2333.	4.4	9
40	Exploring the Morphology and Origins of the 4C 38.41 Jet. Astrophysical Journal, 2019, 886, 85.	4.5	9
41	A Detailed Kinematic Study of 3C 84 and Its Connection to Î³-Rays. Astrophysical Journal, 2021, 914, 43.	4.5	7
42	Interferometric monitoring of gamma-ray bright AGNs: Measuring the magnetic field strength of 4C +29.45. Astronomy and Astrophysics, 2021, 651, A74.	5.1	6
43	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. Astrophysical Journal, 2022, 925, 13.	4.5	6
44	A Revised View of the Linear Polarization in the Subparsec Core of M87 at 7 mm. Astrophysical Journal, 2021, 922, 180.	4.5	5