Nicola Marchili

List of Publications by Year
in descending order

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29 papers	2,363 citations	471509 17 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	697 citing authors

#	Article	IF	Citations
1	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. Astrophysical Journal, 2022, 925, 13.	4.5	6
2	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
3	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. Astrophysical Journal Letters, 2022, 930, L21.	8.3	20
4	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. Astrophysical Journal Letters, 2022, 930, L17.	8.3	215
5	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
6	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. Astrophysical Journal Letters, 2022, 930, L15.	8.3	137
7	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
8	Selective Dynamical Imaging of Interferometric Data. Astrophysical Journal Letters, 2022, 930, L18.	8.3	21
9	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. Astrophysical Journal Letters, 2022, 930, L19.	8.3	43
10	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. Astrophysical Journal Letters, 2022, 930, L20.	8.3	20
11	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
12	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. Astrophysical Journal Letters, 2021, 910, L12.	8.3	215
13	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. Astrophysical Journal Letters, 2021, 910, L14.	8.3	67
14	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. Astrophysical Journal Letters, 2021, 910, L13.	8.3	297
15	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. Astrophysical Journal Letters, 2021, 911, L11.	8.3	56
16	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. Astrophysical Journal, 2021, 912, 35.	4.5	43
17	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. Nature Astronomy, 2021, 5, 1017-1028.	10.1	65
18	Monitoring the Morphology of M87* in 2009â€“2017 with the Event Horizon Telescope. Astrophysical Journal, 2020, 901, 67.	4.5	51

#	Article	IF	Citations
19	Scale Invariant Jets: From Blazars to Microquasars. Astrophysical Journal, 2017, 851, 144.	4.5	6
20	Correcting the Herschel SPIRE/FTS double bump. , 2016, , .		1
21	Herschel SPIRE FTS Spectral Line Source Calibrators. , 2015, , .		0
22	In-orbit performance of the Herschel/SPIRE imaging Fourier transform spectrometer: lessons learned. , 2014, , .		1
23	Herschel SPIRE FTS relative spectral response calibration. Experimental Astronomy, 2014, 37, 381-395.	3.7	11
24	Herschel SPIRE FTS spectral mapping calibration. Experimental Astronomy, 2014, 37, 357.	3.7	5
25	Herschel SPIRE fourier transform spectrometer: calibration of its bright-source mode. Experimental Astronomy, 2014, 37, 239-252.	3.7	5
26	Relative pointing offset analysis of calibration targets with repeated observations with Herschel-SPIRE Fourier-transform spectrometer. Experimental Astronomy, 2014, 37, 207-223.	3.7	6
27	Herschel SPIRE FTS telescope model correction. Experimental Astronomy, 2014, 37, 195-205.	3.7	7
28	Radio observations of the first three-months ofFermiAGN at 4.8 GHz. Research in Astronomy and Astrophysics, 2012, 12, 147-157.	1.7	5
29	High resolution studies of the IDV quasar J1128+592. Journal of Physics: Conference Series, 2010, 218, 012013.	0.4	0