

Angelo Ricarte

List of Publications by Year in descending order

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35
papers

3,058
citations

236925

25
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

1513
citing authors

#	ARTICLE	IF	CITATIONS
1	Jets in magnetically arrested hot accretion flows: geometry, power, and black hole spin-down. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3795-3813.	4.4	58
2	PATOKA: Simulating Electromagnetic Observables of Black Hole Accretion. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 64.	7.7	25
3	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L14.	8.3	163
4	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. <i>Astrophysical Journal Letters</i> , 2022, 930, L21.	8.3	20
5	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	8.3	215
6	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	8.3	142
7	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , 2022, 930, L15.	8.3	137
8	First Sagittarius A* Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole in the Center of the Milky Way. <i>Astrophysical Journal Letters</i> , 2022, 930, L12.	8.3	568
9	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2022, 930, L19.	8.3	43
10	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. <i>Astrophysical Journal Letters</i> , 2022, 930, L20.	8.3	20
11	First Sagittarius A* Event Horizon Telescope Results. V. Testing Astrophysical Models of the Galactic Center Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L16.	8.3	187
12	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	8.3	215
13	Origins and demographics of wandering black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 6098-6111.	4.4	35
14	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	8.3	67
15	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021, 910, L13.	8.3	297
16	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	8.3	56
17	Black hole magnetic fields and their imprint on circular polarization images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 523-539.	4.4	23
18	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35.	4.5	43

#	ARTICLE	IF	CITATIONS
19	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	10.1	65
20	Unveiling the Population of Wandering Black Holes via Electromagnetic Signatures. <i>Astrophysical Journal Letters</i> , 2021, 916, L18.	8.3	14
21	Toward Determining the Number of Observable Supermassive Black Hole Shadows. <i>Astrophysical Journal</i> , 2021, 923, 260.	4.5	31
22	Decomposing the internal faraday rotation of black hole accretion flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5468-5488.	4.4	29
23	A Link between Ram Pressure Stripping and Active Galactic Nuclei. <i>Astrophysical Journal Letters</i> , 2020, 895, L8.	8.3	32
24	Tracing black hole and galaxy co-evolution in the Romulus simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 802-819.	4.4	32
25	The clustering of undetected high-redshift black holes and their signatures in cosmic backgrounds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1006-1022.	4.4	9
26	Introducing romulus: a cosmological simulation of a galaxy cluster with an unprecedented resolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3336-3362.	4.4	80
27	The observational signatures of supermassive black hole seeds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3278-3292.	4.4	92
28	Exploring SMBH assembly with semi-analytic modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1995-2011.	4.4	37
29	The Chandra COSMOS Legacy Survey: Energy Spectrum of the Cosmic X-Ray Background and Constraints on Undetected Populations. <i>Astrophysical Journal</i> , 2017, 837, 19.	4.5	71
30	Unveiling the First Black Holes With JWST: Multi-wavelength Spectral Predictions. <i>Astrophysical Journal</i> , 2017, 838, 117.	4.5	90
31	Tidal disruption events by a massive black hole binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1712-1727.	4.4	25
32	RESOLVED MILLIMETER-WAVELENGTH OBSERVATIONS OF DEBRIS DISKS AROUND SOLAR-TYPE STARS. <i>Astrophysical Journal</i> , 2016, 816, 27.	4.5	37
33	PEERING THROUGH THE DUST: NuSTAR OBSERVATIONS OF TWO FIRST-2MASS RED QUASARS. <i>Astrophysical Journal</i> , 2016, 820, 70.	4.5	21
34	The Event Horizon Telescope: exploring strong gravity and accretion physics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1973-1987.	4.4	61
35	RESOLVING THE MOTH AT MILLIMETER WAVELENGTHS. <i>Astrophysical Journal</i> , 2013, 774, 80.	4.5	18