

Daniel Michalik

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

5,298
citations

393982

19
h-index

642321

23
g-index

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all docs

23
docs citations

23
times ranked

2297
citing authors

#	ARTICLE	IF	CITATIONS
1	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L14.	3.0	163
2	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. <i>Astrophysical Journal Letters</i> , 2022, 930, L21.	3.0	20
3	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	3.0	215
4	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	3.0	142
5	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , 2022, 930, L15.	3.0	137
6	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.	3.0	568
7	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2022, 930, L19.	3.0	43
8	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. <i>Astrophysical Journal Letters</i> , 2022, 930, L20.	3.0	20
9	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.	3.0	187
10	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	3.0	215
11	Precise Dynamical Masses and Orbital Fits for $\hat{\iota}^2$ Pic b and $\hat{\iota}^2$ Pic c. <i>Astronomical Journal</i> , 2021, 161, 179.	1.9	40
12	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021, 910, L13.	3.0	297
13	The First Dynamical Mass Measurement in the HR 8799 System. <i>Astrophysical Journal Letters</i> , 2021, 915, L16.	3.0	30
14	orvara: An Efficient Code to Fit Orbits Using Radial Velocity, Absolute, and/or Relative Astrometry. <i>Astronomical Journal</i> , 2021, 162, 186.	1.9	55
15	htof: A New Open-source Tool for Analyzing Hipparcos, Gaia, and Future Astrometric Missions. <i>Astronomical Journal</i> , 2021, 162, 230.	1.9	19
16	A Dynamical Mass of $70 \pm 5 M_{\text{Jup}}$ for Gliese 229B, the First T Dwarf. <i>Astronomical Journal</i> , 2020, 160, 196.	1.9	38
17	SCEXAO/CHARIS Direct Imaging Discovery of a 20 au Separation, Low-mass Ratio Brown Dwarf Companion to an Accelerating Sun-like Star \ast . <i>Astrophysical Journal Letters</i> , 2020, 904, L25.	3.0	33
18	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	3.0	519

#	ARTICLE	IF	CITATIONS
19	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	3.0	806
20	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	3.0	814
21	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L6.	3.0	897
22	Impact of Electrical Contacts Design and Materials on the Stability of Ti Superconducting Transition Shape. <i>Journal of Low Temperature Physics</i> , 2018, 193, 732-738.	0.6	4
23	Joint astrometric solution of HIPPARCOS and <i>Gaia</i> . <i>Astronomy and Astrophysics</i> , 2014, 571, A85.	2.1	36