

Paul Tiede

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

3,628
citations

18
h-index

40
g-index

40
ext. papers

6,141
ext. citations

6.5
avg, IF

3.17
L-index

#	Paper	IF	Citations
39	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019 , 875, L1	7.9	1110
38	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019 , 875, L6	7.9	466
37	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019 , 875, L5	7.9	429
36	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019 , 875, L4	7.9	411
35	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019 , 875, L2	7.9	325
34	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019 , 875, L3	7.9	267
33	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 243, 26	8	96
32	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021 , 910, L13	7.9	70
31	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021 , 910, L12	7.9	58
30	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021 , 910, L14	7.9	28
29	Missing Gamma-Ray Halos and the Need for New Physics in the Gamma-Ray Sky. <i>Astrophysical Journal</i> , 2018 , 868, 87	4.7	28
28	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020 , 897, 139	4.7	24
27	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	7.9	23
26	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. <i>Astronomy and Astrophysics</i> , 2020 , 640, A69	5.1	21
25	Monitoring the Morphology of M87* in 2009-2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020 , 901, 67	4.7	20
24	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2022 , 930, L14	7.9	20
23	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020 , 897, 148	4.7	18

22	Constraints on black-hole charges with the 2017 EHT observations of M87*. <i>Physical Review D</i> , 2021 , 103,	4.9	18
21	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	7.9	18
20	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021 , 911, L11	7.9	16
19	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022 , 930, L13	7.9	16
18	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , 2022 , 930, L15	7.9	16
17	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022 , 930, L17	7.9	14
16	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> ,	12.1	13
15	BOW TIES IN THE SKY. I. THE ANGULAR STRUCTURE OF INVERSE COMPTON GAMMA-RAY HALOS IN THE FERMI SKY. <i>Astrophysical Journal</i> , 2016 , 832, 109	4.7	13
14	Hybrid Very Long Baseline Interferometry Imaging and Modeling with themis. <i>Astrophysical Journal</i> , 2020 , 898, 9	4.7	11
13	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2022 , 930, L19	7.9	11
12	Persistent Non-Gaussian Structure in the Image of Sagittarius A* at 86 GHz. <i>Astrophysical Journal</i> , 2021 , 915, 99	4.7	10
11	Spacetime Tomography Using the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020 , 892, 132	4.7	9
10	Bow Ties in the Sky. II. Searching for Gamma-Ray Halos in the Fermi Sky Using Anisotropy. <i>Astrophysical Journal</i> , 2017 , 850, 157	4.7	9
9	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. <i>Astrophysical Journal Letters</i> , 2022 , 930, L21	7.9	9
8	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. <i>Astrophysical Journal Letters</i> , 2022 , 930, L20	7.9	8
7	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021 , 912, 35	4.7	7
6	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , 2022 , 930, L18	7.9	7
5	Constraints on the Intergalactic Magnetic Field from Bow Ties in the Gamma-Ray Sky. <i>Astrophysical Journal</i> , 2020 , 892, 123	4.7	4

- 4 Variational Image Feature Extraction for the Event Horizon Telescope. *Astrophysical Journal*, **2022**, 925, 122 4.7 3
- 3 The Variability of the Black Hole Image in M87 at the Dynamical Timescale. *Astrophysical Journal*, **2022**, 925, 13 4.7 2
- 2 Measuring Spin from Relative Photon-ring Sizes. *Astrophysical Journal*, **2022**, 927, 6 4.7 0
- 1 Constraining blazar heating with the $z \approx 3$ Lyman- α forest. *Monthly Notices of the Royal Astronomical Society*, **2022**, 512, 3045-3059 4.3