

Michael A Nowak

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

4,444
citations

304368

22
h-index

315357

38
g-index

40
all docs

40
docs citations

40
times ranked

3525
citing authors

#	ARTICLE	IF	CITATIONS
1	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. <i>Astrophysical Journal</i> , 2022, 925, 13.	1.6	6
2	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
3	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
4	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	3.0	215
5	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
6	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
7	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
8	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , 2022, 930, L18.	3.0	21
9	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
10	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
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.	3.0	187
12	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	3.0	215
13	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	3.0	67
14	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
15	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35.	1.6	43
16	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	4.2	65
17	X-ray spectral and flux variability of the microquasar GRS 1758 \hat{a} 258 on timescales from weeks to years. <i>Astronomy and Astrophysics</i> , 2020, 636, A51.	2.1	4
18	The Chandra High-resolution X-Ray Spectrum of Quiescent Emission from Sgr A*. <i>Astrophysical Journal</i> , 2020, 891, 71.	1.6	7

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19	Relativistic Components of the Ultra-fast Outflow in the Quasar PDS 456 from Chandra/HETGS, NuSTAR, and XMM-Newton Observations. <i>Astrophysical Journal</i> , 2019, 873, 29.	1.6	16
20	Chandra-HETGS Characterization of an Outflowing Wind in the Accreting Millisecond Pulsar IGR J17591â€“2342. <i>Astrophysical Journal</i> , 2019, 874, 69.	1.6	13
21	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	3.0	814
22	Chandra Spectral and Timing Analysis of Sgr A*'s Brightest X-Ray Flares. <i>Astrophysical Journal</i> , 2019, 886, 96.	1.6	36
23	No Sign of G2's Encounter Affecting Sgr A*'s X-Ray Flaring Rate from Chandra Observations. <i>Astrophysical Journal</i> , 2019, 884, 148.	1.6	9
24	MPI_XSTAR: MPI-based Parallelization of the XSTAR Photoionization Program. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 024501.	1.0	4
25	Thermal Emission in the Quiescent Neutron Star SAX J1810.8-2609. <i>Astrophysical Journal</i> , 2018, 854, 58.	1.6	5
26	The Ultra-fast Outflow of the Quasar PG 1211+143 as Viewed by Time-averaged Chandra Grating Spectroscopy. <i>Astrophysical Journal</i> , 2018, 853, 165.	1.6	23
27	Discovery of an Ultraviolet Counterpart to an Ultrafast X-Ray Outflow in the Quasar PG 1211+143. <i>Astrophysical Journal</i> , 2018, 853, 166.	1.6	19
28	The Disk Wind in the Neutron Star Low-mass X-Ray Binary GX 13+1. <i>Astrophysical Journal</i> , 2018, 861, 26.	1.6	17
29	The Nuclear X-Ray Emission-line Structure in NGC 2992 Revealed by Chandra-HETGS. <i>Astrophysical Journal</i> , 2017, 840, 120.	1.6	8
30	Sagittarius A * High-energy X-Ray Flare Properties during NuStar Monitoring of the Galactic Center from 2012 to 2015. <i>Astrophysical Journal</i> , 2017, 843, 96.	1.6	23
31	Arcus: the x-ray grating spectrometer explorer. , 2016, , .		23
32	AN ULTRA-FAST X-RAY DISK WIND IN THE NEUTRON STAR BINARY GX 340+0. <i>Astrophysical Journal Letters</i> , 2016, 822, L18.	3.0	14
33	A HARD X-RAY POWER-LAW SPECTRAL CUTOFF IN CENTAURUS X-4. <i>Astrophysical Journal</i> , 2014, 797, 92.	1.6	49
34	<i>TGCat</i>: THE<i>CHANDRA</i> TRANSMISSION GRATING DATA CATALOG AND ARCHIVE. <i>Astronomical Journal</i> , 2011, 141, 129.	1.9	81
35	<i>CHANDRA</i> X-RAY SPECTROSCOPY OF THE FOCUSED WIND IN THE CYGNUS X-1 SYSTEM. I. THE NONDIP SPECTRUM IN THE LOW/HARD STATE. <i>Astrophysical Journal</i> , 2009, 690, 330-346.	1.6	71
36	Diskâ€‘dominated States of 4U 1957+11:<i>Chandra</i>,<i>XMMâ€‘Newton</i>, and<i>RXTE</i> Observations of Ostensibly the Most Rapidly Spinning Galactic Black Hole. <i>Astrophysical Journal</i> , 2008, 689, 1199-1214.	1.6	37

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37	Correlated Radio-X-Ray Variability of Galactic Black Holes: A Radio-X-Ray Flare in Cygnus X-1. <i>Astrophysical Journal</i> , 2007, 663, L97-L100.	1.6	23
38	Tracking the Orbital and Superorbital Periods of SMC Xâ€¹. <i>Astrophysical Journal</i> , 2007, 670, 624-634.	1.6	27
39	CIAO: Chandra's data analysis system. , 2006, 6270, 586.		823
40	Lowâ€¹Luminosity States of the Black Hole Candidate GX 339âˆ²4. I.ASCAand Simultaneous Radio/RXTEObservations. <i>Astrophysical Journal</i> , 1999, 522, 460-475.	1.6	89