

Ioannis Myserlis

List of Publications by Year in descending order

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61
papers

2,836
citations

218677

26
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168389

53
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docs citations

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times ranked

1403
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	8.3	215
3	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
4	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
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.	8.3	142
6	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
7	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. <i>Astrophysical Journal</i> , 2016, 819, 156.	4.5	90
8	RoboPol: first season rotations of optical polarization plane in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1669-1683.	4.4	84
9	RoboPol: the optical polarization of gamma-ray-loud and gamma-ray-quiet blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 3365-3380.	4.4	73
10	RoboPol: optical polarization-plane rotations and flaring activity in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2252-2262.	4.4	67
11	RoboPol: connection between optical polarization plane rotations and gamma-ray flares in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1296-1306.	4.4	62
12	Location of γ -ray emission and magnetic field strengths in OJ 287. <i>Astronomy and Astrophysics</i> , 2017, 597, A80.	5.1	61
13	F-GAMMA: variability Doppler factors of blazars from multiwavelength monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 4625-4632.	4.4	55
14	Radio jet emission from GeV-emitting narrow-line Seyfert 1 galaxies. <i>Astronomy and Astrophysics</i> , 2015, 575, A55.	5.1	54
15	The RoboPol optical polarization survey of gamma-ray-loud blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1693-1705.	4.4	52
16	FIRST NuSTAR OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. <i>Astrophysical Journal</i> , 2015, 812, 65.	4.5	49
17	The RoboPol pipeline and control system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1706-1717.	4.4	46
18	Optical polarization of high-energy BL Lacertae objects. <i>Astronomy and Astrophysics</i> , 2016, 596, A78.	5.1	45

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19	Multifrequency studies of the narrow-line Seyfert 1 galaxy SBS 0846+513. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 191-201.	4.4	44
20	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
21	The F-GAMMA programme: multi-frequency study of active galactic nuclei in the <i>Fermi</i> era. <i>Astronomy and Astrophysics</i> , 2016, 596, A45.	5.1	42
22	Multiwavelength behaviour of the blazar 3C 279: decade-long study from γ -ray to radio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3829-3848.	4.4	40
23	<i>RoboPol</i> : do optical polarization rotations occur in all blazars?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1775-1785.	4.4	38
24	PKS 1502+106: A high-redshift <i>Fermi</i> blazar at extreme angular resolution. <i>Astronomy and Astrophysics</i> , 2016, 586, A60.	5.1	34
25	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. <i>Astronomy and Astrophysics</i> , 2018, 619, A45.	5.1	32
26	Optical polarization map of the Polaris Flare with <i>RoboPol</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 715-726.	4.4	30
27	<i>RoboPol</i> : a four-channel optical imaging polarimeter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2355-2366.	4.4	30
28	Inner jet kinematics and the viewing angle towards the γ -ray narrow-line Seyfert 1 galaxy 1H 0323+342. <i>Research in Astronomy and Astrophysics</i> , 2016, 16, 176.	1.7	26
29	Detection of persistent VHE gamma-ray emission from PKS 1510-089 by the MAGIC telescopes during low states between 2012 and 2017. <i>Astronomy and Astrophysics</i> , 2018, 619, A159.	5.1	26
30	<i>RoboPol</i> : AGN polarimetric monitoring data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3715-3726.	4.4	25
31	What can the 2008/10 broadband flare of PKS 1502+106 tell us?. <i>Astronomy and Astrophysics</i> , 2016, 590, A48.	5.1	22
32	F-GAMMA: Multi-frequency radio monitoring of <i>Fermi</i> blazars. <i>Astronomy and Astrophysics</i> , 2019, 626, A60.	5.1	21
33	The complex variability of blazars: time-scales and periodicity analysis in S4 0954+65. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5629-5646.	4.4	21
34	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
35	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
36	Full-Stokes polarimetry with circularly polarized feeds. <i>Astronomy and Astrophysics</i> , 2018, 609, A68.	5.1	19

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37	High cadence, linear, and circular polarization monitoring of OJ 287. <i>Astronomy and Astrophysics</i> , 2018, 619, A88.	5.1	17
38	What powers the radio-loud narrow-line Seyfert 1 galaxy RX J2314.9+2243?. <i>Astronomy and Astrophysics</i> , 2015, 574, A121.	5.1	16
39	Early-time polarized optical light curve of GRB 131030A. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 445, L114-L118.	3.3	14
40	Project MOMO: Multiwavelength Observations and Modeling of OJ 287. <i>Universe</i> , 2021, 7, 261.	2.5	11
41	Optical polarisation variability of radio-loud narrow-line Seyfert 1 galaxies. <i>Astronomy and Astrophysics</i> , 2018, 618, A92.	5.1	10
42	The relativistic jet of the $\hat{\gamma}$ -ray emitting narrow-line Seyfert 1 galaxy PKS J1222+0413. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 181-197.	4.4	8
43	An Exceptional Radio Flare in Markarian 421. <i>EPJ Web of Conferences</i> , 2013, 61, 04010.	0.3	7
44	Physical Conditions and Variability Processes in AGN Jets through Multi-Frequency Linear and Circular Radio Polarization Monitoring. <i>Galaxies</i> , 2016, 4, 58.	3.0	7
45	Radio QPO in the $\hat{\gamma}$ -ray-loud X-ray binary LS I +61 \hat{A} 303. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 471, L110-L114.	3.3	7
46	Search for AGN counterparts of unidentified <i>Fermi</i> -LAT sources with optical polarimetry. <i>Astronomy and Astrophysics</i> , 2019, 623, A61.	5.1	7
47	The time-dependent distribution of optical polarization angle changes in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 225-243.	4.4	7
48	The Gamma-ray Activity of the high-z Quasar 0836+71. <i>EPJ Web of Conferences</i> , 2013, 61, 04003.	0.3	6
49	Scale Invariant Jets: From Blazars to Microquasars. <i>Astrophysical Journal</i> , 2017, 851, 144.	4.5	6
50	Magnetic field strengths of the synchrotron self-absorption region in the jet of CTA 102 during radio flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 815-833.	4.4	6
51	New jet feature in the parsec-scale jet of the blazar OJ 287 connected to the 2017 teraelectronvolt flaring activity. <i>Astronomy and Astrophysics</i> , 2022, 658, L10.	5.1	5
52	MOMO \hat{A} V. Effelsberg, <i>Swift</i> , and <i>Fermi</i> study of the blazar and supermassive binary black hole candidate OJ 287 in a period of high activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3165-3179.	4.4	5
53	Full-Stokes, Multi-Frequency Radio Polarimetry of Fermi Blazars; Monitoring and Modelling. <i>Galaxies</i> , 2017, 5, 81.	3.0	3
54	An underlying universal pattern in galaxy halo magnetic fields. <i>Astronomy and Astrophysics</i> , 2021, 649, A94.	5.1	2

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55	Direct Imaging of the Cosmic Battery in M87*? Not Yet. <i>Galaxies</i> , 2022, 10, 80.	3.0	2
56	Multiwavelength Picture of the Blazar S5 0716+714 during Its Brightest Outburst. <i>Galaxies</i> , 2016, 4, 69.	3.0	1
57	Radio and γ -ray loud narrow-line Seyfert 1 galaxies in the spotlight. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 184-187.	0.0	1
58	Optical polarization of gamma-ray bright blazars. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 227-227.	0.0	0
59	Single-Dish Radio Polarimetry in the F-GAMMA Program with the Effelsberg 100-m Radio Telescope. <i>EPJ Web of Conferences</i> , 2013, 61, 06006.	0.3	0
60	Multi-wavelength observations of the narrow-line Seyfert 1 galaxy RX J2314.9+2243. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 61-62.	0.0	0
61	Short-term radio variability in the gamma-ray emitting x-ray binary LS I +61 \hat{A} ^o 303. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0