Ioannis Liodakis

List of Publications by Year
in descending order

52	2,352	304743 22	206112 48
papers	citations	h-index	g-index

53	53	53	2336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fermi Large Area Telescope Fourth Source Catalog. Astrophysical Journal, Supplement Series, 2020, 247, 33.	7.7	817
2	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. Astrophysical Journal, 2020, 892, 105.	4.5	204
3	Incremental Fermi Large Area Telescope Fourth Source Catalog. Astrophysical Journal, Supplement Series, 2022, 260, 53.	7.7	186
4	RoboPol: first season rotations of optical polarization plane in blazars. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1669-1683.	4.4	84
5	Constraining the Limiting Brightness Temperature and Doppler Factors for the Largest Sample of Radio-bright Blazars. Astrophysical Journal, 2018, 866, 137.	4.5	81
6	RoboPol: the optical polarization of gamma-ray-loud and gamma-ray-quiet blazars. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3365-3380.	4.4	73
7	RoboPol: optical polarization-plane rotations and flaring activity in blazars. Monthly Notices of the Royal Astronomical Society, 2016, 457, 2252-2262.	4.4	67
8	RoboPol: connection between optical polarization plane rotations and gamma-ray flares in blazars. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1296-1306.	4.4	62
9	F-GAMMA: variability Doppler factors of blazars from multiwavelength monitoring. Monthly Notices of the Royal Astronomical Society, 2017, 466, 4625-4632.	4.4	55
10	Optical polarization of high-energy BL Lacertae objects. Astronomy and Astrophysics, 2016, 596, A78.	5.1	45
11	Association of IceCube neutrinos with radio sources observed at Owens Valley and MetsÃhovi Radio Observatories. Astronomy and Astrophysics, 2021, 650, A83.	5.1	44
12	Multiwavelength cross-correlations and flaring activity in bright blazars. Monthly Notices of the Royal Astronomical Society, 2018, 480, 5517-5528.	4.4	41
13	RoboPol: do optical polarization rotations occur in all blazars?. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1775-1785.	4.4	38
14	Probing Blazar Emission Processes with Optical/Gamma-Ray Flare Correlations. Astrophysical Journal, 2019, 880, 32.	4.5	35
15	Optical polarization map of the Polaris Flare with RoboPol. Monthly Notices of the Royal Astronomical Society, 2015, 452, 715-726.	4.4	30
16	RoboPol: a four-channel optical imaging polarimeter. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2355-2366.	4.4	30
17	Fermi Large Area Telescope Performance after 10 Years of Operation. Astrophysical Journal, Supplement Series, 2021, 256, 12.	7.7	30
18	Optical EVPA rotations in blazars: testing a stochastic variability model with RoboPol data. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3589-3604.	4.4	29

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19	Demonstration of Magnetic Field Tomography with Starlight Polarization toward a Diffuse Sightline of the ISM. Astrophysical Journal, 2019, 872, 56.	4.5	26
20	Population statistics of beamed sources â€“ II. Evaluation of Doppler factor estimates. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1767-1777.	4.4	25
21	RoboPol: AGN polarimetric monitoring data. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3715-3726.	4.4	25
22	Bimodal radio variability in OVRO-40Âm-monitored blazars. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4565-4576.	4.4	24
23	Proton Synchrotron Gamma-Rays and the Energy Crisis in Blazars. Astrophysical Journal Letters, 2020, 893, L20.	8.3	23
24	Local measurements of the mean interstellar polarization at high Galactic latitudes. Astronomy and Astrophysics, 2018, 616, A52.	5.1	20
25	Prospects for Detecting X-Ray Polarization in Blazar Jets. Astrophysical Journal, 2019, 880, 29.	4.5	20
26	Two Flares with One Shock: The Interesting Case of 3C 454.3. Astrophysical Journal, 2020, 902, 61.	4.5	20
27	The Unanticipated Phenomenology of the Blazar PKS 2131â€“021: A Unique Supermassive Black Hole Binary Candidate. Astrophysical Journal Letters, 2022, 926, L35.	8.3	20
28	Synchrotron emission from the blazar PG 1553+113. An analysis of its flux and polarization variability. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3762-3774.	4.4	19
29	Population statistics of beamed sources â€“ I. A new model for blazars. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2434-2446.	4.4	14
30	Gamma Rays from Fast Black-hole Winds. Astrophysical Journal, 2021, 921, 144.	4.5	14
31	Optical polarization variations in the blazar PKS 1749+096. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	12
32	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017â€“2019. Astrophysical Journal, 2022, 927, 197.	4.5	11
33	Probing the unidentified Fermi blazar-like population using optical polarization and machine learning. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3415-3422.	4.4	10
34	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. Astrophysical Journal, 2019, 883, 33.	4.5	9
35	Predicting the Redshift of Î³-Ray-loud AGNs Using Supervised Machine Learning. Astrophysical Journal, 2021, 920, 118.	4.5	9
36	Constraints on magnetic field and particle content in blazar jets through optical circular polarization. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 509, L21-L25.	3.3	9

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37	Reconciling inverse-Compton Doppler factors with variability Doppler factors in blazar jets. Astronomy and Astrophysics, 2017, 602, A104.	5.1	8
38	Detecting the elusive blazar counter-jets. Monthly Notices of the Royal Astronomical Society, 2017, 465, 180-191.	4.4	7
39	MAGIC andFermi-LAT gamma-ray results on unassociated HAWC sources. Monthly Notices of the Royal Astronomical Society, 2019, 485, 356-366.	4.4	7
40	Search for AGN counterparts of unidentified Fermi-LAT sources with optical polarimetry. Astronomy and Astrophysics, 2019, 623, A61.	5.1	7
41	The time-dependent distribution of optical polarization angle changes in blazars. Monthly Notices of the Royal Astronomical Society, 2021, 507, 225-243.	4.4	7
42	Catalog of Long-term Transient Sources in the First 10 yr of Fermi-LAT Data. Astrophysical Journal, Supplement Series, 2021, 256, 13.	7.7	7
43	Predicting the Redshift of Gamma-Ray Loud AGNs Using Supervised Machine Learning. II. Astrophysical Journal, Supplement Series, 2022, 259, 55.	7.7	7
44	Scale Invariant Jets: From Blazars to Microquasars. Astrophysical Journal, 2017, 851, 144.	4.5	6
45	Using variability and VLBI to measure cosmological distances. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 495, L27-L31.	3.3	6
46	Toy model for the acceleration of blazar jets. Astronomy and Astrophysics, 2018, 616, A93.	5.1	5
47	Testing High-energy Emission Models for Blazars with X-Ray Polarimetry. Astrophysical Journal, 2022, 931, 59.	4.5	5
48	Estimating the distribution of rest-frame time-scales for blazar jets: a statistical approach. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4783-4794.	4.4	3
49	Identifying changing jets through their radio variability. Astronomy and Astrophysics, 2021, 654, A169.	5.1	3
50	Detecting intermediate-mass black holes in midiquasars with current and future surveys. Monthly Notices of the Royal Astronomical Society, 2022, 512, 291-295.	4.4	3
51	New Tests of Milli-lensing in the Blazar PKS 1413 + 135. Astrophysical Journal, 2022, 927, 24.	4.5	3
52	Using Multivariate Imputation by Chained Equations to Predict Redshifts of Active Galactic Nuclei. Frontiers in Astronomy and Space Sciences, 2022, 9, .	2.8	2