

# David Hiriart

## List of Publications by Year in descending order

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29  
papers

2,023  
citations

471509

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526287

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all docs

29  
docs citations

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times ranked

1726  
citing authors

#	ARTICLE	IF	CITATIONS
1	THE SPECTRAL ENERGY DISTRIBUTION OF <i>FERMI</i> BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2010, 716, 30-70.	4.5	741
2	A change in the optical polarization associated with a $\hat{\gamma}$ -ray flare in the blazar 3C 279. <i>Nature</i> , 2010, 463, 919-923.	27.8	269
3	THE STRUCTURE AND EMISSION MODEL OF THE RELATIVISTIC JET IN THE QUASAR 3C 279 INFERRED FROM RADIO TO HIGH-ENERGY $\hat{\gamma}$ -RAY OBSERVATIONS IN 2008-2010. <i>Astrophysical Journal</i> , 2012, 754, 114.	4.5	152
4	Blazar spectral variability as explained by a twisted inhomogeneous jet. <i>Nature</i> , 2017, 552, 374-377.	27.8	112
5	ON THE LOCATION OF THE $\hat{\gamma}$ -RAY OUTBURST EMISSION IN THE BL LACERTAE OBJECT AO 0235+164 THROUGH OBSERVATIONS ACROSS THE ELECTROMAGNETIC SPECTRUM. <i>Astrophysical Journal Letters</i> , 2011, 735, L10.	8.3	109
6	The awakening of BL Lacertae: observations by Fermi, Swift and the GASP-WEBT.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1530-1545.	4.4	97
7	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. III. EIGHTEEN MONTHS OF AGILE MONITORING OF THE "CRAZY DIAMOND". <i>Astrophysical Journal</i> , 2010, 712, 405-420.	4.5	88
8	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. <i>Astrophysical Journal</i> , 2009, 707, 612-620.	4.5	71
9	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	4.5	54
10	MULTIFREQUENCY PHOTO-POLARIMETRIC WEBT OBSERVATION CAMPAIGN ON THE BLAZAR S5 0716+714: SOURCE MICROVARIABILITY AND SEARCH FOR CHARACTERISTIC TIMESCALES*. <i>Astrophysical Journal</i> , 2016, 831, 92.	4.5	47
11	Multiwavelength Variability of BL Lacertae Measured with High Time Resolution. <i>Astrophysical Journal</i> , 2020, 900, 137.	4.5	40
12	The WEBT campaign on the BL Lac object PG 1553+113 in 2013. An analysis of the enigmatic synchrotron emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 353-367.	4.4	33
13	Multiwavelength behaviour of the blazar OJ 248 from radio to $\hat{\gamma}$ -rays.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2677-2691.	4.4	32
14	Long-term Optical Polarization Variability and Multiwavelength Analysis of Blazar Mrk 421. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 7.	7.7	30
15	MULTIWAVELENGTH OBSERVATIONS OF THE GAMMA-RAY BLAZAR PKS 0528+134 IN QUIESCENCE. <i>Astrophysical Journal</i> , 2011, 735, 60.	4.5	28
16	LONG-TERM OPTICAL POLARIZATION VARIABILITY OF THE TeV BLAZAR 1ES 1959+650. <i>Astrophysical Journal, Supplement Series</i> , 2013, 206, 11.	7.7	26
17	DISCOVERY OF A HIGHLY POLARIZED OPTICAL MICROFLARE IN BLAZAR S5 0716+714 DURING THE 2014 WEBT CAMPAIGN. <i>Astrophysical Journal Letters</i> , 2015, 809, L27.	8.3	24
18	The Transneptunian Automated Occultation Survey (TAOS II). <i>Proceedings of SPIE</i> , 2012, , .	0.8	16

#	ARTICLE	IF	CITATIONS
19	Molecular Hydrogen Kinematics in Cepheus A. <i>Astronomical Journal</i> , 2004, 128, 2917-2931.	4.7	10
20	ROTATION OF THE OPTICAL POLARIZATION ANGLE ASSOCIATED WITH THE 2008 $\hat{\gamma}$ -RAY FLARE OF BLAZAR W COMAE. <i>Astrophysical Journal</i> , 2014, 794, 54.	4.5	10
21	Molecular Hydrogen Kinematics and Structure in the Ring Nebula. <i>Publications of the Astronomical Society of the Pacific</i> , 2004, 116, 1135-1142.	3.1	7
22	Status of the Transneptunian Automated Occultation Survey (TAOS II). <i>Proceedings of SPIE</i> , 2014, , .	0.8	7
23	THE POLARIMETRIC AND PHOTOMETRIC VARIABILITY OF HH 30. <i>Astronomical Journal</i> , 2009, 137, 4330-4338.	4.7	6
24	UBV I CCD PHOTOMETRY OF THE OLD OPEN CLUSTER NGC 1193. <i>Journal of the Korean Astronomical Society</i> , 2008, 41, 147-155.	1.5	6
25	Circumstellar Gas, Dust Emission, and Mass Loss from Evolved Carbon Stars. <i>Astrophysical Journal</i> , 2000, 532, 1006-1020.	4.5	4
26	Radio Seeing Monitor Interferometer. <i>Publications of the Astronomical Society of the Pacific</i> , 2002, 114, 1150-1155.	3.1	3
27	A large rotation of the polarization angle of the TeV Blazar W Comae. <i>EPJ Web of Conferences</i> , 2013, 61, 07010.	0.3	1
28	Polarimetry of R Aqr and PN M2-9. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 400-401.	0.0	0
29	Evidence of Two-Component Optical Polarization in Blazar 1ES 1959+650. <i>EPJ Web of Conferences</i> , 2013, 61, 06008.	0.3	0