

Aldo Treves

List of Publications by Year in descending order

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citations

147801

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times ranked

3411
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting the periodicity of highly irregularly sampled light curves with Gaussian processes: the case of SDSS J025214.67âˆ’002813.7. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2841-2849.	4.4	3
2	The spectra of IceCube neutrino (SIN) candidate sources â€” II. Source characterization. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2671-2688.	4.4	13
3	The spectra of IceCube neutrino candidate sources â€” I. Optical spectroscopy of blazars. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3338-3353.	4.4	5
4	Predictions of TeV emission for a set of hard BL Lac objects. Monthly Notices of the Royal Astronomical Society, 2021, 508, 6128-6141.	4.4	5
5	The circum-galactic medium of quasars: transverse and line-of-sight absorptions. Astrophysics and Space Science, 2020, 365, 1.	1.4	0
6	Optical spectroscopy of BL Lac objects: TeV candidates. Monthly Notices of the Royal Astronomical Society, 2020, 497, 94-108.	4.4	20
7	The redshift and the host galaxy of the neutrino candidate 4FGL J0955.1+3551 (3HSP J095507.9+355101). Monthly Notices of the Royal Astronomical Society: Letters, 2020, 495, L108-L111.	3.3	10
8	Looking at Blazar Light-curve Periodicities with Gaussian Processes. Astrophysical Journal, 2020, 895, 122.	4.5	21
9	ZBL Lac: A Spectroscopic Database of BL Lacertae Objects. Astrophysical Journal, Supplement Series, 2020, 250, 37.	7.7	10
10	Optical Spectroscopic Survey of a Sample of Unidentified Fermi Objects: II. Astrophysical Journal, 2019, 871, 162.	4.5	25
11	Gamma-ray quasi-periodicities of blazars. A cautious approach. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1270-1274.	4.4	44
12	The Redshift of the BL Lac Object TXS 0506+056. Astrophysical Journal Letters, 2018, 854, L32.	8.3	116
13	Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. Astronomy and Astrophysics, 2018, 619, A45.	5.1	32
14	Pulsar timing constraints on the Fermi massive black hole binary blazar population. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 481, L74-L78.	3.3	31
15	Quasi-periodicities of BL Lacertae objects. Astronomy and Astrophysics, 2018, 615, A118.	5.1	46
16	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	12.6	654
17	High-redshift BL Lac Objects: Spectroscopy of Candidates. Astrophysical Journal, 2018, 861, 130.	4.5	21
18	On the Redshift of TeV BL Lac Objects. Astrophysical Journal, 2017, 837, 144.	4.5	68

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19	A SEARCH FOR SPECTRAL HYSTERESIS AND ENERGY-DEPENDENT TIME LAGS FROM X-RAY AND TeV GAMMA-RAY OBSERVATIONS OF Mrk 421. <i>Astrophysical Journal</i> , 2017, 834, 2.	4.5	29
20	Gamma-ray and optical oscillations of 0716+714, MRK 421, and BL Lacertae. <i>Astronomy and Astrophysics</i> , 2017, 600, A132.	5.1	50
21	Constraining Lorentz Invariance Violation Using the Crab Pulsar Emission Observed up to TeV Energies by MAGIC. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 9.	7.7	25
22	Spectroscopy of 10 $\hat{\text{I}}^3$ -Ray BL Lac Objects at High Redshift. <i>Astrophysical Journal</i> , 2017, 844, 120.	4.5	28
23	On the lensed blazar B0218+357. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 2814-2821.	4.4	8
24	Optical Spectroscopic Survey of a Sample of Unidentified Fermi Objects. <i>Astrophysical Journal</i> , 2017, 851, 135.	4.5	30
25	An Optical View of Extragalactic $\hat{\text{I}}^3$ -Ray Emitters. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	2.8	3
26	Teraelectronvolt pulsed emission from the Crab Pulsar detected by MAGIC. <i>Astronomy and Astrophysics</i> , 2016, 585, A133.	5.1	82
27	MAD ADAPTIVE OPTICS IMAGING OF HIGH-LUMINOSITY QUASARS: A PILOT PROJECT. <i>Astronomical Journal</i> , 2016, 152, 38.	4.7	2
28	Detection of very high energy gamma-ray emission from the gravitationally lensed blazar QSO B0218+357 with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2016, 595, A98.	5.1	56
29	On the redshift of the very high-energy gamma-ray BL Lac object S2 0109+22. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2836-2839.	4.4	10
30	Quasi-Periodicities at Year Time Scales in Blazars. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 180-183.	0.0	1
31	QUASI-PERIODICITIES AT YEAR-LIKE TIMESCALES IN BLAZARS. <i>Astronomical Journal</i> , 2016, 151, 54.	4.7	86
32	GAMMA-RAY AND OPTICAL OSCILLATIONS IN PKS 0537â€“441. <i>Astrophysical Journal</i> , 2016, 820, 20.	4.5	42
33	The major upgrade of the MAGIC telescopes, Part II: A performance study using observations of the Crab Nebula. <i>Astroparticle Physics</i> , 2016, 72, 76-94.	4.3	305
34	The major upgrade of the MAGIC telescopes, Part I: The hardware improvements and the commissioning of the system. <i>Astroparticle Physics</i> , 2016, 72, 61-75.	4.3	150
35	FIRST <i><i>NuSTAR</i></i> OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTH-INSTRUMENT CAMPAIGN. <i>Astrophysical Journal</i> , 2015, 812, 65.	4.5	49
36	WHAT IS THE REDSHIFT OF THE GAMMA-RAY BL LAC SOURCE S4 0954+65?. <i>Astronomical Journal</i> , 2015, 150, 181.	4.7	27

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37	VERY HIGH ENERGY γ -RAYS FROM THE UNIVERSE'S MIDDLE AGE: DETECTION OF THE $z = 0.940$ BLAZAR PKS 1441+25 WITH MAGIC. <i>Astrophysical Journal Letters</i> , 2015, 815, L23.	8.3	78
38	Spectroscopy of BL Lacertae objects of extraordinary luminosity. <i>Astronomy and Astrophysics</i> , 2014, 570, A126.	5.1	29
39	Detection of bridge emission above 50 GeV from the Crab pulsar with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2014, 565, L12.	5.1	30
40	An optical view of BL Lacertae objects. <i>Astronomy and Astrophysics Review</i> , 2014, 22, 1.	25.5	97
41	Optimized dark matter searches in deep observations of Segue 1 with MAGIC. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 008-008.	5.4	105
42	QUASI-PERIODICITIES OF THE BL LACERTAE OBJECT PKS 2155-304. <i>Astrophysical Journal Letters</i> , 2014, 793, L1.	8.3	57
43	ON THE RADIO AND NEAR-INFRARED JET OF PKS 2155-304 AND ITS CLOSE ENVIRONMENT. <i>Astronomical Journal</i> , 2013, 145, 73.	4.7	6
44	ESO VERY LARGE TELESCOPE OPTICAL SPECTROSCOPY OF BL LACERTAE OBJECTS. IV. NEW SPECTRA AND PROPERTIES OF THE FULL SAMPLE. <i>Astronomical Journal</i> , 2013, 145, 114.	4.7	26
45	SPECTROSCOPY OF OPTICALLY SELECTED BL LAC OBJECTS AND THEIR γ -RAY EMISSION. <i>Astronomical Journal</i> , 2013, 146, 163.	4.7	23
46	Phase-resolved energy spectra of the Crab pulsar in the range of 50-400 GeV measured with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2012, 540, A69.	5.1	84
47	On the redshift of the bright BL Lacertae object PKS 0048-097. <i>Astronomy and Astrophysics</i> , 2012, 543, A116.	5.1	21
48	Performance of the MAGIC stereo system obtained with Crab Nebula data. <i>Astroparticle Physics</i> , 2012, 35, 435-448.	4.3	183
49	The host galaxy of the BL Lacertae object 1ES 0647+250 and its imaging redshift. <i>Astronomy and Astrophysics</i> , 2011, 534, L2.	5.1	12
50	The jet of the BL Lacertae object PKS 2201+044: MAD near-IR adaptive optics observations and comparison with optical, radio and X-ray data. <i>Astronomy and Astrophysics</i> , 2011, 528, A34.	5.1	6
51	OBSERVATIONS OF THE CRAB PULSAR BETWEEN 25 AND 100 GeV WITH THE MAGIC I TELESCOPE. <i>Astrophysical Journal</i> , 2011, 742, 43.	4.5	69
52	The jet of the BL Lacertae object PKS 0521-365 in the near-IR: MAD adaptive optics observations. <i>Astronomy and Astrophysics</i> , 2009, 501, 907-914.	5.1	19
53	THE PROPERTIES OF QUASAR HOSTS AT THE PEAK OF THE QUASAR ACTIVITY. <i>Astrophysical Journal</i> , 2009, 703, 1663-1671.	4.5	24
54	EUROPEAN SOUTHERN OBSERVATORY VERY LARGE TELESCOPE OPTICAL SPECTROSCOPY OF BL LACERTAE OBJECTS. III. AN EXTENSION OF THE SAMPLE. <i>Astronomical Journal</i> , 2009, 137, 337-346.	4.7	27

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55	Near-Infrared Adaptive Optics Imaging of High-Redshift Quasars. <i>Astrophysical Journal</i> , 2008, 673, 694-702.	4.5	25
56	The Nuclear to Host Galaxy Relation of High-Redshift Quasars. <i>Astrophysical Journal</i> , 2007, 660, 1039-1050.	4.5	33
57	ESO Very Large Telescope Optical Spectroscopy of BL Lacertae Objects. II. New Redshifts, Featureless Objects, and Classification Assessments. <i>Astronomical Journal</i> , 2006, 132, 1-19.	4.7	79
58	Optical spectroscopy of BL Lacertae objects. <i>Astronomy and Astrophysics</i> , 2006, 457, 35-43.	5.1	38
59	ESO Very Large Telescope Optical Spectroscopy of BL Lacertae Objects. I. New Redshifts. <i>Astronomical Journal</i> , 2005, 129, 559-566.	4.7	65
60	Imaging Redshifts of BL Lacertae Objects. <i>Astrophysical Journal</i> , 2005, 635, 173-179.	4.5	146
61	VLT adaptive optics imaging of QSO host galaxies and their close environment at $z \sim 2.5$: Results from a pilot program. <i>Astronomy and Astrophysics</i> , 2005, 434, 469-473.	5.1	27
62	The Cosmic Evolution of Quasar Host Galaxies. <i>Astrophysical Journal</i> , 2004, 604, 495-507.	4.5	36
63	The Black Hole Mass of BL Lacertae Objects from the Stellar Velocity Dispersion of the Host Galaxy. <i>Astrophysical Journal</i> , 2002, 569, L35-L38.	4.5	68
64	The Hubble Space Telescope Survey of BL Lacertae Objects. II. Host Galaxies. <i>Astrophysical Journal</i> , 2000, 532, 816-829.	4.5	213
65	The Hubble Space Telescope Survey of BL Lacertae Objects. I. Surface Brightness Profiles, Magnitudes, and Radii of Host Galaxies. <i>Astrophysical Journal</i> , 2000, 532, 740-815.	4.5	134
66	The Hubble Space Telescope Survey of BL Lacertae Objects: Gravitational Lens Candidates and Other Unusual Sources. <i>Astrophysical Journal</i> , 1999, 521, 134-144.	4.5	38
67	On the nebulosity surrounding the BL Lacertae object PKS 2155 - 304. <i>Astrophysical Journal</i> , 1991, 380, L67.	4.5	16
68	PG 1553 + 11 - A bright optically selected BL Lacertae object. <i>Publications of the Astronomical Society of the Pacific</i> , 1990, 102, 1120.	3.1	37