

# Paolo Leto

## List of Publications by Year in descending order

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96  
papers

4,099  
citations

101543

36  
h-index

118850

62  
g-index

96  
all docs

96  
docs citations

96  
times ranked

2640  
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 unprecedented optical outburst of the quasar 3C 454.3. <i>Astronomy and Astrophysics</i> , 2006, 453, 817-822.	5.1	152
4	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
5	The Hi-GAL compact source catalogue – I. The physical properties of the clumps in the inner Galaxy ( $\hat{\gamma}^{\circ}$ 71 $\hat{\gamma}^{\circ}$ &lt; $\hat{\gamma}^{\circ}$ &lt; 67 $\hat{\gamma}^{\circ}$ ). <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 100-143.	4.4	125
6	Results of WEBT, VLBA and RXTE monitoring of 3C 279 during 2006–2007. <i>Astronomy and Astrophysics</i> , 2008, 492, 389-400.	5.1	107
7	Multifrequency monitoring of the blazar 0716+714 during the GASP-WEBT-AGILE campaign of 2007. <i>Astronomy and Astrophysics</i> , 2008, 481, L79-L82.	5.1	103
8	<i>FERMI</i> LARGE AREA TELESCOPE AND MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING ACTIVITY OF PKS 1510-089 BETWEEN 2008 SEPTEMBER AND 2009 JUNE. <i>Astrophysical Journal</i> , 2010, 721, 1425-1447.	4.5	99
9	WEBT and XMM-Newton observations of 3C 454.3 during the post-outburst phase. <i>Astronomy and Astrophysics</i> , 2007, 473, 819-827.	5.1	88
10	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
11	A new activity phase of the blazar 3C 454.3. <i>Astronomy and Astrophysics</i> , 2008, 491, 755-766.	5.1	85
12	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. <i>Astrophysical Journal</i> , 2009, 707, 612-620.	4.5	71
13	The radio delay of the exceptional 3C 454.3 outburst. <i>Astronomy and Astrophysics</i> , 2007, 464, L5-L9.	5.1	71
14	Another look at the BL Lacertae flux and spectral variability. <i>Astronomy and Astrophysics</i> , 2010, 524, A43.	5.1	68
15	The long-lasting activity of 3C 454.3. <i>Astronomy and Astrophysics</i> , 2011, 534, A87.	5.1	67
16	The WEBT Campaign on the Blazar 3C 279 in 2006. <i>Astrophysical Journal</i> , 2007, 670, 968-977.	4.5	66
17	The correlated optical and radio variability of BL Lacertae. <i>Astronomy and Astrophysics</i> , 2009, 501, 455-460.	5.1	63
18	The GASP-WEBT monitoring of 3C 454.3 during the 2008 optical-to-radio and $\hat{\gamma}$ -ray outburst. <i>Astronomy and Astrophysics</i> , 2009, 504, L9-L12.	5.1	63

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19	AGILE detection of extreme $\gamma$ -ray activity from the blazar PKS 1510-089 during March 2009. <i>Astronomy and Astrophysics</i> , 2011, 529, A145.	5.1	62
20	Multifrequency variability of the blazar AO 0235+164. <i>Astronomy and Astrophysics</i> , 2006, 459, 731-743.	5.1	58
21	Variability of the blazar 4C 38.41 (B3 1633+382) from GHz frequencies to GeV energies. <i>Astronomy and Astrophysics</i> , 2012, 545, A48.	5.1	56
22	WEBT multiwavelength monitoring and XMM-Newton observations of $\gamma$ -BL Lacertae in 2007-2008. <i>Astronomy and Astrophysics</i> , 2009, 507, 769-779.	5.1	56
23	AURORAL RADIO EMISSION FROM STARS: THE CASE OF CU VIRGINIS. <i>Astrophysical Journal Letters</i> , 2011, 739, L10.	8.3	55
24	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	4.5	54
25	A three-dimensional model for the radio emission of magnetic chemically peculiar stars. <i>Astronomy and Astrophysics</i> , 2004, 418, 593-605.	5.1	54
26	The high activity of 3C 454.3 in autumn 2007. <i>Astronomy and Astrophysics</i> , 2008, 485, L17-L20.	5.1	52
27	THE 2009 DECEMBER GAMMA-RAY FLARE OF 3C 454.3: THE MULTIFREQUENCY CAMPAIGN. <i>Astrophysical Journal Letters</i> , 2010, 716, L170-L175.	8.3	52
28	Radio-to-UV monitoring of AO 0235+164 by the WEBT and Swift during the 2006-2007 outburst. <i>Astronomy and Astrophysics</i> , 2008, 480, 339-347.	5.1	49
29	Multiwavelength observations of Mrk 501 in 2008. <i>Astronomy and Astrophysics</i> , 2015, 573, A50.	5.1	49
30	Detection of $\text{C}^{13}\text{O}$ in the Low-Mass Protostar Elias 18. <i>Astrophysical Journal</i> , 2008, 685, 1033-1038.	4.5	45
31	Stellar magnetosphere reconstruction from radio data. <i>Astronomy and Astrophysics</i> , 2006, 458, 831-839.	5.1	42
32	AGILE detection of a rapid $\gamma$ -ray flare from the blazar PKS 1510-089 during the GASP-WEBT monitoring. <i>Astronomy and Astrophysics</i> , 2009, 508, 181-189.	5.1	41
33	MOBSTER - VI. The crucial influence of rotation on the radio magnetospheres of hot stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1429-1448.	4.4	41
34	The radio lighthouse CU Virginis: the spin-down of a single main-sequence star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 1437-1443.	4.4	37
35	THE WHOLE EARTH BLAZAR TELESCOPE CAMPAIGN ON THE INTERMEDIATE BL LAC OBJECT 3C 66A IN 2007-2008. <i>Astrophysical Journal</i> , 2009, 694, 174-182.	4.5	37
36	Multi-frequency monitoring of $\gamma$ -ray loud blazars. <i>Astronomy and Astrophysics</i> , 2007, 464, 175-186.	5.1	36

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37	Monitoring the radio emission of Proxima Centauri. <i>Astronomy and Astrophysics</i> , 2021, 645, A77.	5.1	34
38	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
39	Multiwavelength behaviour of the blazar OJ 248 from radio to $\gamma$ -rays.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2677-2691.	4.4	32
40	The detection of variable radio emission from the fast rotating magnetic hot B-star HR 7355 and evidence for its X-ray aurorae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 2820-2833.	4.4	30
41	MULTIWAVELENGTH OBSERVATIONS OF THE GAMMA-RAY BLAZAR PKS 0528+134 IN QUIESCENCE. <i>Astrophysical Journal</i> , 2011, 735, 60.	4.5	28
42	3D modelling of stellar auroral radio emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 1159-1169.	4.4	28
43	A scaling relationship for non-thermal radio emission from ordered magnetospheres: from the top of the main sequence to planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1979-1998.	4.4	28
44	Spatial distribution of star formation related to ionized regions throughout the inner Galactic plane. <i>Astronomy and Astrophysics</i> , 2017, 605, A35.	5.1	27
45	<i>SPITZER</i> , VERY LARGE TELESCOPE, AND VERY LARGE ARRAY OBSERVATIONS OF THE GALACTIC LUMINOUS BLUE VARIABLE CANDIDATE HD 168625. <i>Astrophysical Journal</i> , 2010, 718, 1036-1045.	4.5	24
46	THE DUSTY NEBULA SURROUNDING HR CAR: A SPITZER VIEW. <i>Astrophysical Journal</i> , 2009, 694, 697-703.	4.5	21
47	SCORPIO: a deep survey of radio emission from the stellar life-cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 902-912.	4.4	19
48	Automated detection of extended sources in radio maps: progress from the SCORPIO survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1486-1499.	4.4	19
49	A combined multiwavelength VLA/ALMA/Chandra study unveils the complex magnetosphere of the B-type star HR 5907. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 562-579.	4.4	18
50	The polarization mode of the auroral radio emission from the early-type star HD 142301. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 482, L4-L8.	3.3	18
51	Evidence for radio and X-ray auroral emissions from the magnetic B-type star $\gamma$ Ophi. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4657-4676.	4.4	18
52	Centrifugal breakout reconnection as the electron acceleration mechanism powering the radio magnetospheres of early-type stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1449-1458.	4.4	18
53	Searching for a CU Virginis-type cyclotron maser from $\gamma$ Orionis E: the role of the magnetic quadrupole component. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 1766-1774.	4.4	17
54	Detection of $\gamma$ Centauri at radio wavelengths: chromospheric emission and search for star-planet interaction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 217-225.	4.4	15

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55	Radio continuum properties of young planetary nebulae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 390, 363-370.	4.4	14
56	The candidate luminous blue variable G79.29+0.46: a comprehensive study of its ejecta through a multiwavelength analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1391-1409.	4.4	14
57	Current day mass loss rate for Luminous Blue Variable IRAS 18576+0341. <i>Astronomy and Astrophysics</i> , 2005, 437, L1-L5.	5.1	13
58	EXPANDED VERY LARGE ARRAY OBSERVATIONS OF THE NEBULA AROUND G79.29+0.46. <i>Astrophysical Journal Letters</i> , 2011, 739, L11.	8.3	13
59	<i>Planck</i> intermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. <i>Astronomy and Astrophysics</i> , 2015, 573, A6.	5.1	13
60	VISIR/VLT AND VLA JOINT IMAGING ANALYSIS OF THE CIRCUMSTELLAR NEBULA AROUND IRAS 18576+0341. <i>Astrophysical Journal</i> , 2010, 721, 1404-1411.	4.5	12
61	A radio characterization of Galactic compact bubbles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 437, 3626-3638.	4.4	12
62	ATCA observations of the very young Planetary Nebula SAO 244567. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 1404-1410.	4.4	11
63	7Åmm continuum observations of ultra compact HII regions. <i>Astronomy and Astrophysics</i> , 2009, 507, 1467-1473.	5.1	11
64	Probing the magnetosphere of the M8.5 dwarf TVLM 513a 46546 by modelling its auroral radio emission. Hint of star exoplanet interaction?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1949-1967.	4.4	11
65	Exploring the multifaceted circumstellar environment of the luminous blue variable HR Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4147-4158.	4.4	11
66	Evolutionary map of the Universe (EMU): Compact radio sources in the <i>scorpio</i> field towards the galactic plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 60-79.	4.4	11
67	Radio detection of nebulae around four luminous blue variable stars in the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 181-186.	4.4	10
68	Identifying Type II supernova progenitors in our Galaxy: the circumstellar environment of the Galactic luminous blue variable candidate Gal 026.47+0.02. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 2975-2984.	4.4	10
69	Radio variability and non-thermal components in stars evolving towards planetary nebulae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3450-3460.	4.4	10
70	HST/STIS analysis of the first main sequence pulsar CU Virginis. <i>Astronomy and Astrophysics</i> , 2019, 625, A34.	5.1	10
71	C <sub>2</sub> O and C <sub>3</sub> O in low-mass star-forming regions. <i>Astronomy and Astrophysics</i> , 2019, 628, A72.	5.1	10
72	Caesar source finder: Recent developments and testing. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	3.4	10

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73	The auroral radio emission of the magnetic B-type star $\kappa^1$ OphC. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 499, L72-L76.	3.3	10
74	A 1.2 mm MAMBO survey of post-AGB stars. Astronomy and Astrophysics, 2007, 462, 637-644.	5.1	9
75	Study of the extended radio emission of two supernova remnants and four planetary nebulae associated with MIPSGAL bubbles. Monthly Notices of the Royal Astronomical Society, 2014, 445, 4504-4514.	4.4	9
76	Millimeter observations of planetary nebulae. Astronomy and Astrophysics, 2008, 482, 529-534.	5.1	9
77	Outstanding X-ray emission from the stellar radio pulsar CU Virginis. Astronomy and Astrophysics, 2018, 619, A33.	5.1	8
78	New high-frequency radio observations of the Cygnus Loop supernova remnant with the Italian radio telescopes. Monthly Notices of the Royal Astronomical Society, 2020, 500, 5177-5194.	4.4	8
79	High-resolution Very Large Array observations of 18 MIPSGAL bubbles. Monthly Notices of the Royal Astronomical Society, 2016, 463, 723-739.	4.4	7
80	New ATCA, ALMA and VISIR observations of the candidate LBV SK-67266 (S61): the nebular mass from modelling 3D density distributions. Monthly Notices of the Royal Astronomical Society, 2017, 466, 213-227.	4.4	7
81	A first glimpse at the Galactic plane with the ASKAP: the SCORPIO field. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2232-2246.	4.4	7
82	From pre- to young planetary nebulae: radio continuum variability. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	4.4	5
83	A massive nebula around the luminous blue variable star RMC 143 revealed by ALMA. Astronomy and Astrophysics, 2019, 626, A126.	5.1	5
84	The Luminous Blue Variable RMC 127 as Seen with ALMA and ATCA. Astrophysical Journal, 2017, 841, 130.	4.5	5
85	<i>Spitzer</i> observations of a circumstellar nebula around the candidate luminous blue variable MWC 930. Astronomy and Astrophysics, 2014, 562, A93.	5.1	4
86	SCORPIO II. Spectral indices of weak Galactic radio sources. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1685-1694.	4.4	4
87	Searching for OH maser emission towards the MIPSGAL compact Galactic bubbles. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3204-3213.	4.4	3
88	First Extended Catalogue of Galactic bubble infrared fluxes from WISE and Herschel... surveys. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3671-3692.	4.4	3
89	<i>Chandra</i> X-ray study confirms that the magnetic standard Ap star KQ Vel hosts a neutron star companion. Astronomy and Astrophysics, 2020, 641, L8.	5.1	3
90	Synergy SKA - CTA: Supernova remnants as cosmic accelerators. Proceedings of the International Astronomical Union, 2017, 12, 345-350.	0.0	2

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91	Observational evidence for non-equilibrium ionization in the solar corona. <i>Space Science Reviews</i> , 1994, 70, 207-209.	8.1	1
92	Study of the Galactic radio sources in the SCORPIO survey resolved by ATCA at 2.1 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	1
93	A warm molecular ring in AG Car: composing the mass-loss puzzle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 5500-5514.	4.4	1
94	Evolutionary map of the Universe (EMU): 18-cm OH-maser discovery in ASKAP continuum images of the SCORPIO field. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 512, L21-L26.	3.3	1
95	The mass-loss before the end: two luminous blue variables with a collimated stellar wind. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 69-73.	0.0	0
96	Update on the Multi-Frequency Monitoring of Blazars with Medicina and Noto. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 234-236.	0.0	0