

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	MOBSTER â€“ VI. The crucial influence of rotation on the radio magnetospheres of hot stars. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1429-1448.	4.4	41
2	Evolutionary map of the Universe (EMU): 18-cm OH-maser discovery in ASKAP continuum images of the SCORPIO field. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 512, L21-L26.	3.3	1
3	Centrifugal breakout reconnection as the electron acceleration mechanism powering the radio magnetospheres of early-type stars. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1449-1458.	4.4	18
4	Monitoring the radio emission of Proxima Centauri. Astronomy and Astrophysics, 2021, 645, A77.	5.1	34
5	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
6	A scaling relationship for non-thermal radio emission from ordered magnetospheres: from the top of the main sequence to planets. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1979-1998.	4.4	28
7	Evolutionary map of the Universe (EMU): Compact radio sources in the <scp>scorpio</scp> field towards the galactic plane. Monthly Notices of the Royal Astronomical Society, 2021, 502, 60-79.	4.4	11
8	The auroral radio emission of the magnetic B-type star Î±%OphC. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 499, L72-L76.	3.3	10
9	Evidence for radio and X-ray auroral emissions from the magnetic B-type star Î±%Ophâ€“A. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4657-4676.	4.4	18
10	<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
11	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
12	A warm molecular ring in AG Car: composing the mass-loss puzzle. Monthly Notices of the Royal Astronomical Society, 2020, 500, 5500-5514.	4.4	1
13	HST/STIS analysis of the first main sequence pulsar CU Virginis. Astronomy and Astrophysics, 2019, 625, A34.	5.1	10
14	C₂O and C₃O in low-mass star-forming regions. Astronomy and Astrophysics, 2019, 628, A72.	5.1	10
15	Caesar source finder: Recent developments and testing. Publications of the Astronomical Society of Australia, 2019, 36, .	3.4	10
16	A massive nebula around the luminous blue variable star RMC 143 revealed by ALMA. Astronomy and Astrophysics, 2019, 626, A126.	5.1	5
17	The polarization mode of the auroral radio emission from the early-type star HDâˆ142301. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 482, L4-L8.	3.3	18
18	A combined multiwavelength VLA/ALMA/Chandra study unveils the complex magnetosphere of the B-type star HR5907. Monthly Notices of the Royal Astronomical Society, 2018, 476, 562-579.	4.4	18

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19	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
20	Outstanding X-ray emission from the stellar radio pulsar CU Virginis. Astronomy and Astrophysics, 2018, 619, A33.	5.1	8
21	Detection of $\hat{\pm}$ Centauri at radio wavelengths: chromospheric emission and search for star-planet interaction. Monthly Notices of the Royal Astronomical Society, 2018, 481, 217-225.	4.4	15
22	Update on the Multi-Frequency Monitoring of Blazars with Medicina and Noto. Proceedings of the International Astronomical Union, 2018, 14, 234-236.	0.0	0
23	SCORPIO II. Spectral indices of weak Galactic radio sources. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1685-1694.	4.4	4
24	Spatial distribution of star formation related to ionized regions throughout the inner Galactic plane. Astronomy and Astrophysics, 2017, 605, A35.	5.1	27
25	New ATCA, ALMA and VISIR observations of the candidate LBV SK 67 (S61): the nebular mass from modelling 3D density distributions. Monthly Notices of the Royal Astronomical Society, 2017, 466, 213-227.	4.4	7
26	The Hi-GAL compact source catalogue I. The physical properties of the clumps in the inner Galaxy ($\hat{\sim}71_{\cdot}^{\circ}$ & $\hat{\sim}67_{\cdot}^{\circ}$). Monthly Notices of the Royal Astronomical Society, 2017, 471, 100-143.	4.4	125
27	The detection of variable radio emission from the fast rotating magnetic hot B-star HR 7355 and evidence for its X-ray aurorae. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2820-2833.	4.4	30
28	Probing the magnetosphere of the M8.5 dwarf TVLM 513 46546 by modelling its auroral radio emission. Hint of star exoplanet interaction?. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1949-1967.	4.4	11
29	Radio variability and non-thermal components in stars evolving towards planetary nebulae. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3450-3460.	4.4	10
30	Exploring the multifaceted circumstellar environment of the luminous blue variable HR Carinae. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4147-4158.	4.4	11
31	Synergy SKA - CTA: Supernova remnants as cosmic accelerators. Proceedings of the International Astronomical Union, 2017, 12, 345-350.	0.0	2
32	The Luminous Blue Variable RMC 127 as Seen with ALMA and ATCA. Astrophysical Journal, 2017, 841, 130.	4.5	5
33	Automated detection of extended sources in radio maps: progress from the SCORPIO survey. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1486-1499.	4.4	19
34	High-resolution Very Large Array observations of 18 MIPSGAL bubbles. Monthly Notices of the Royal Astronomical Society, 2016, 463, 723-739.	4.4	7
35	The mass-loss before the end: two luminous blue variables with a collimated stellar wind. Proceedings of the International Astronomical Union, 2016, 12, 69-73.	0.0	0
36	3D modelling of stellar auroral radio emission. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1159-1169.	4.4	28

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37	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
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	Searching for OH maser emission towards the MIPSGAL compact Galactic bubbles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3204-3213.	4.4	3
40	Multiwavelength behaviour of the blazar OJ 248 from radio to $\hat{\text{I}}^3$ -rays.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2677-2691.	4.4	32
41	<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
42	Multiwavelength observations of Mrk 501 in 2008. <i>Astronomy and Astrophysics</i> , 2015, 573, A50.	5.1	49
43	<i>Spitzer</i> observations of a circumstellar nebula around the candidate luminous blue variable MWC 930. <i>Astronomy and Astrophysics</i> , 2014, 562, A93.	5.1	4
44	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
45	Study of the extended radio emission of two supernova remnants and four planetary nebulae associated with MIPSGAL bubbles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 4504-4514.	4.4	9
46	A radio characterization of Galactic compact bubbles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 437, 3626-3638.	4.4	12
47	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159.	4.5	54
48	THE STRUCTURE AND EMISSION MODEL OF THE RELATIVISTIC JET IN THE QUASAR 3C 279 INFERRED FROM RADIO TO HIGH-ENERGY $\hat{\text{I}}^3$ -RAY OBSERVATIONS IN 2008-2010. <i>Astrophysical Journal</i> , 2012, 754, 114.	4.5	152
49	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
50	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
51	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
52	Searching for a CU Virginis-type cyclotron maser from $\hat{\text{I}}^3$ 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
53	AURORAL RADIO EMISSION FROM STARS: THE CASE OF CU VIRGINIS. <i>Astrophysical Journal Letters</i> , 2011, 739, L10.	8.3	55
54	MULTIWAVELENGTH OBSERVATIONS OF THE GAMMA-RAY BLAZAR PKS 0528+134 IN QUIESCENCE. <i>Astrophysical Journal</i> , 2011, 735, 60.	4.5	28

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55	The long-lasting activity of 3C 454.3. <i>Astronomy and Astrophysics</i> , 2011, 534, A87.	5.1	67
56	EXPANDED VERY LARGE ARRAY OBSERVATIONS OF THE NEBULA AROUND G79.29+0.46. <i>Astrophysical Journal Letters</i> , 2011, 739, L11.	8.3	13
57	AGILE detection of extreme γ -ray activity from the blazar PKS 1510-089 during March 2009. <i>Astronomy and Astrophysics</i> , 2011, 529, A145.	5.1	62
58	From pre- to young planetary nebulae: radio continuum variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, , no-no.	4.4	5
59	Another look at the BL Lacertae flux and spectral variability. <i>Astronomy and Astrophysics</i> , 2010, 524, A43.	5.1	68
60	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
61	SPITZER, 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
62	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
63	FERMI 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
64	A change in the optical polarization associated with a γ -ray flare in the blazar 3C 279. <i>Nature</i> , 2010, 463, 919-923.	27.8	269
65	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
66	THE SPECTRAL ENERGY DISTRIBUTION OF FERMI BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2010, 716, 30-70.	4.5	741
67	THE DUSTY NEBULA SURROUNDING HR CAR: A SPITZER VIEW. <i>Astrophysical Journal</i> , 2009, 694, 697-703.	4.5	21
68	The correlated optical and radio variability of BL Lacertae. <i>Astronomy and Astrophysics</i> , 2009, 501, 455-460.	5.1	63
69	7 μ m continuum observations of ultra compact HII regions. <i>Astronomy and Astrophysics</i> , 2009, 507, 1467-1473.	5.1	11
70	The GASP-WEBT monitoring of 3C 454.3 during the 2008 optical-to-radio and γ -ray outburst. <i>Astronomy and Astrophysics</i> , 2009, 504, L9-L12.	5.1	63
71	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. <i>Astrophysical Journal</i> , 2009, 707, 612-620.	4.5	71
72	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

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73	AGILE detection of a rapid γ -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
74	WEBT multiwavelength monitoring and XMM-Newton observations of γ -BL Lacertae in 2007-2008. <i>Astronomy and Astrophysics</i> , 2009, 507, 769-779.	5.1	56
75	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
76	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
77	Radio continuum properties of young planetary nebulae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 390, 363-370.	4.4	14
78	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
79	Detection of $C^{13}O$ in the Low-Mass Protostar Elias 18. <i>Astrophysical Journal</i> , 2008, 685, 1033-1038.	4.5	45
80	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
81	The high activity of 3C 454.3 in autumn 2007. <i>Astronomy and Astrophysics</i> , 2008, 485, L17-L20.	5.1	52
82	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
83	Millimeter observations of planetary nebulae. <i>Astronomy and Astrophysics</i> , 2008, 482, 529-534.	5.1	9
84	A new activity phase of the blazar 3C 454.3. <i>Astronomy and Astrophysics</i> , 2008, 491, 755-766.	5.1	85
85	The WEBT Campaign on the Blazar 3C 279 in 2006. <i>Astrophysical Journal</i> , 2007, 670, 968-977.	4.5	66
86	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
87	Multi-frequency monitoring of γ -ray loud blazars. <i>Astronomy and Astrophysics</i> , 2007, 464, 175-186.	5.1	36
88	A 1.2 mm MAMBO survey of post-AGB stars. <i>Astronomy and Astrophysics</i> , 2007, 462, 637-644.	5.1	9
89	The radio delay of the exceptional 3C 454.3 outburst. <i>Astronomy and Astrophysics</i> , 2007, 464, L5-L9.	5.1	71
90	Stellar magnetosphere reconstruction from radio data. <i>Astronomy and Astrophysics</i> , 2006, 458, 831-839.	5.1	42

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91	The unprecedented optical outburst of the quasar 3C 454.3. <i>Astronomy and Astrophysics</i> , 2006, 453, 817-822.	5.1	152
92	Multifrequency variability of the blazar AO 0235+164. <i>Astronomy and Astrophysics</i> , 2006, 459, 731-743.	5.1	58
93	Current day mass loss rate for Luminous Blue Variable IRAS 18576+0341. <i>Astronomy and Astrophysics</i> , 2005, 437, L1-L5.	5.1	13
94	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
95	Observational evidence for non-equilibrium ionization in the solar corona. <i>Space Science Reviews</i> , 1994, 70, 207-209.	8.1	1
96	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