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List of Publications by Year in descending order

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40 papers	4,403 citations	257450 24 h-index	289244 40 g-index
41 all docs	41 docs citations	41 times ranked	4170 citing authors

#	Article	IF	Citations
1	A direct localization of a fast radio burst and its host. Nature, 2017, 541, 58-61.	27.8	616
2	The Host Galaxy and Redshift of the Repeating Fast Radio Burst FRB 121102. Astrophysical Journal Letters, 2017, 834, L7.	8.3	495
3	An extreme magneto-ionic environment associated with the fast radio burst source FRB 121102. Nature, 2018, 553, 182-185.	27.8	368
4	The major upgrade of the MAGIC telescopes, Part II: A performance study using observations of the Crab Nebula. Astroparticle Physics, 2016, 72, 76-94.	4.3	305
5	The Repeating Fast Radio Burst FRB 121102 as Seen on Milliarcsecond Angular Scales. Astrophysical Journal Letters, 2017, 834, L8.	8.3	300
6	A repeating fast radio burst source localized to a nearby spiral galaxy. Nature, 2020, 577, 190-194.	27.8	297
7	Compact radio emission indicates a structured jet was produced by a binary neutron star merger. Science, 2019, 363, 968-971.	12.6	272
8	Periodic activity from a fast radio burst source. Nature, 2020, 582, 351-355.	27.8	231
9	FRB 121102 Bursts Show Complex Timeâ€“Frequency Structure. Astrophysical Journal Letters, 2019, 876, L23.	8.3	230
10	The major upgrade of the MAGIC telescopes, Part I: The hardware improvements and the commissioning of the system. Astroparticle Physics, 2016, 72, 61-75.	4.3	150
11	Cygnus X-1 contains a 21â€“solar mass black holeâ€”Implications for massive star winds. Science, 2021, 371, 1046-1049.	12.6	138
12	FRB 121102 Is Coincident with a Star-forming Region in Its Host Galaxy. Astrophysical Journal Letters, 2017, 843, L8.	8.3	130
13	A repeating fast radio burst source in a globular cluster. Nature, 2022, 602, 585-589.	27.8	110
14	Simultaneous X-Ray, Gamma-Ray, and Radio Observations of the Repeating Fast Radio Burst FRB 121102. Astrophysical Journal, 2017, 846, 80.	4.5	99
15	LOFAR Detection of 110â€“188 MHz Emission and Frequency-dependent Activity from FRB 20180916B. Astrophysical Journal Letters, 2021, 911, L3.	8.3	99
16	The 60 pc Environment of FRB 20180916B. Astrophysical Journal Letters, 2021, 908, L12.	8.3	67
17	Highly polarized microstructure from the repeating FRBâ€‰20180916B. Nature Astronomy, 2021, 5, 594-603.	10.1	66
18	Burst timescales and luminosities as links between young pulsars and fast radio bursts. Nature Astronomy, 2022, 6, 393-401.	10.1	46

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19	Simultaneous X-Ray and Radio Observations of the Repeating Fast Radio Burst FRB â^¼ 180916.J0158+65. Astrophysical Journal, 2020, 901, 165.	4.5	38
20	A model for the repeating FRB 121102 in the AGN scenario. Astronomy and Astrophysics, 2017, 602, A64.	5.1	33
21	Constraining very-high-energy and optical emission from FRB 121102 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2479-2486.	4.4	33
22	A SEARCH FOR SPECTRAL HYSTERESIS AND ENERGY-DEPENDENT TIME LAGS FROM X-RAY AND TeV GAMMA-RAY OBSERVATIONS OF Mrk 421. Astrophysical Journal, 2017, 834, 2.	4.5	29
23	Milliarcsecond Localization of the Repeating FRB 20201124A. Astrophysical Journal Letters, 2022, 927, L3.	8.3	28
24	The First Simultaneous X-Ray/Radio Detection of the First Be/BH System MWC 656. Astrophysical Journal Letters, 2017, 835, L33.	8.3	27
25	Physical properties of the gamma-ray binary LS 5039 through low- and high-frequency radio observations. Monthly Notices of the Royal Astronomical Society, 2015, 451, 59-73.	4.4	23
26	FRB 121102: Drastic changes in the burst polarization contrasts with the stability of the persistent emission. Monthly Notices of the Royal Astronomical Society, 2022, 511, 6033-6041.	4.4	21
27	Resolving the Decades-long Transient FIRST J141918.9+394036: An Orphan Long Gamma-Ray Burst or a Young Magnetar Nebula?. Astrophysical Journal Letters, 2019, 876, L14.	8.3	19
28	Multiwavelength View of the Close-by GRB 190829A Sheds Light on Gamma-Ray Burst Physics. Astrophysical Journal Letters, 2022, 931, L19.	8.3	19
29	A radio map of the colliding winds in the very massive binary system HDâ€‰93129A. Astronomy and Astrophysics, 2015, 579, A99.	5.1	16
30	Two Wolfâ€“Rayet stars at the heart of colliding-wind binary Apep. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3323-3331.	4.4	16
31	Towards the origin of the radio emission in AR Scorpii, the first radio-pulsing white dwarf binary. Astronomy and Astrophysics, 2017, 601, L7.	5.1	13
32	VLBI observations of the G25.65+1.05 water maser superburst. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4069-4075.	4.4	12
33	The extreme colliding-wind system Apep: resolved imagery of the central binary and dust plume in the infrared. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5604-5619.	4.4	12
34	MAGIC observations of MWC 656, the only known Be/BH system. Astronomy and Astrophysics, 2015, 576, A36.	5.1	11
35	AU-scale radio imaging of the wind collision region in the brightest and most luminous non-thermal colliding wind binary Apep. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2478-2486.	4.4	9
36	Refining the origins of the gamma-ray binary 1FGL J1018.6â€“5856. Astronomy and Astrophysics, 2018, 619, A26.	5.1	7

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37	FRBâ€‰150418: clues to its nature from European VLBI Network and e-MERLIN observations. Astronomy and Astrophysics, 2016, 593, L16.	5.1	7
38	Orbital and superorbital variability of LS I +61 303 at low radio frequencies with GMRT and LOFAR. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1791-1802.	4.4	4
39	Probing the origin of the off-pulse emission from the pulsars B0525+21 and B2045â˜16. Astronomy and Astrophysics, 2019, 627, L2.	5.1	4
40	Radio modelling of the brightest and most luminous non-thermal colliding-wind binary Apep. Monthly Notices of the Royal Astronomical Society, 2021, 509, 475-488.	4.4	3