

# Simona Paiano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3467695/publications.pdf>

Version: 2024-02-01

41  
papers

2,993  
citations

279798

23  
h-index

276875

41  
g-index

41  
all docs

41  
docs citations

41  
times ranked

3115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
2	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. <i>Experimental Astronomy</i> , 2011, 32, 193-316.	3.7	640
3	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
4	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
5	The Blazar TXS 0506+056 Associated with a High-energy Neutrino: Insights into Extragalactic Jets and Cosmic-Ray Acceleration. <i>Astrophysical Journal Letters</i> , 2018, 863, L10.	8.3	141
6	The Redshift of the BL Lac Object TXS 0506+056. <i>Astrophysical Journal Letters</i> , 2018, 854, L32.	8.3	116
7	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
8	Teraelectronvolt pulsed emission from the Crab Pulsar detected by MAGIC. <i>Astronomy and Astrophysics</i> , 2016, 585, A133.	5.1	82
9	On the Redshift of TeV BL Lac Objects. <i>Astrophysical Journal</i> , 2017, 837, 144.	4.5	68
10	Measurement of the extragalactic background light using MAGIC and Fermi-LAT gamma-ray observations of blazars up to $z \approx 1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4233-4251.	4.4	67
11	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
12	Performance of the MAGIC telescopes under moonlight. <i>Astroparticle Physics</i> , 2017, 94, 29-41.	4.3	54
13	New Hard-TeV Extreme Blazars Detected with the MAGIC Telescopes*. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 16.	7.7	39
14	Periastron Observations of TeV Gamma-Ray Emission from a Binary System with a 50-year Period. <i>Astrophysical Journal Letters</i> , 2018, 867, L19.	8.3	38
15	MAGIC Observations of the Nearby Short Gamma-Ray Burst GRB 160821B <sup>*</sup> . <i>Astrophysical Journal</i> , 2021, 908, 90.	4.5	38
16	3HSP J095507.9+355101: A flaring extreme blazar coincident in space and time with IceCube-200107A. <i>Astronomy and Astrophysics</i> , 2020, 640, L4.	5.1	37
17	The Peculiar Short-duration GRB 200826A and Its Supernova*. <i>Astrophysical Journal</i> , 2022, 932, 1.	4.5	37
18	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

#	ARTICLE	IF	CITATIONS
19	Optical Spectroscopic Survey of a Sample of Unidentified Fermi Objects. <i>Astrophysical Journal</i> , 2017, 851, 135.	4.5	30
20	Spectroscopy of 10 <sup>13</sup> -Ray BL Lac Objects at High Redshift. <i>Astrophysical Journal</i> , 2017, 844, 120.	4.5	28
21	Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. <i>Astrophysical Journal</i> , 2019, 883, 135.	4.5	27
22	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
23	Optical Spectroscopic Survey of a Sample of Unidentified Fermi Objects: II. <i>Astrophysical Journal</i> , 2019, 871, 162.	4.5	25
24	High-redshift BL Lac Objects: Spectroscopy of Candidates. <i>Astrophysical Journal</i> , 2018, 861, 130.	4.5	21
25	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. <i>Astrophysical Journal</i> , 2020, 890, 97.	4.5	21
26	Combined searches for dark matter in dwarf spheroidal galaxies observed with the MAGIC telescopes, including new data from Coma Berenices and Draco. <i>Physics of the Dark Universe</i> , 2022, 35, 100912.	4.9	21
27	Optical spectroscopy of BL Lac objects: TeV candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 94-108.	4.4	20
28	A new method to unveil blazars among multiwavelength counterparts of unassociated Fermi $\hat{1}^3$ -ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4902-4937.	4.4	19
29	The spectra of IceCube neutrino (SIN) candidate sources “ II. Source characterization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2671-2688.	4.4	13
30	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017–2019. <i>Astrophysical Journal</i> , 2022, 927, 197.	4.5	11
31	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
32	The redshift and the host galaxy of the neutrino candidate 4FGLJ0955.1+3551 (3HSPJ095507.9+355101). <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 495, L108-L111.	3.3	10
33	ZBL Lac: A Spectroscopic Database of BL Lacertae Objects. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 37.	7.7	10
34	Observation of the Gamma-Ray Binary HESS J0632+057 with the H.E.S.S., MAGIC, and VERITAS Telescopes. <i>Astrophysical Journal</i> , 2021, 923, 241.	4.5	10
35	On the lensed blazar B0218+357. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 2814-2821.	4.4	8
36	The two ultraluminous X-ray sources in the galaxy NGC 925. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4271-4277.	4.4	8

#	ARTICLE	IF	CITATIONS
37	The spectra of IceCube neutrino candidate sources “ I. Optical spectroscopy of blazars. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3338-3353.	4.4	5
38	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
39	Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State. Astrophysical Journal, 2022, 932, 129.	4.5	4
40	An Optical View of Extragalactic $\hat{1}^3$ -Ray Emitters. Frontiers in Astronomy and Space Sciences, 2017, 4, .	2.8	3
41	Search for Very High-energy Emission from the Millisecond Pulsar PSR J0218+4232. Astrophysical Journal, 2021, 922, 251.	4.5	2