

# Simona Paiano

## List of Publications by Year in descending order

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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  | 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        |
| 2  | Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017–2019. <i>Astrophysical Journal</i> , 2022, 927, 197.  | 4.5 | 11        |
| 3  | 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        |
| 4  | The Peculiar Short-duration GRB 200826A and Its Supernova*. <i>Astrophysical Journal</i> , 2022, 932, 1.   | 4.5 | 37        |
| 5  | Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State. <i>Astrophysical Journal</i> , 2022, 932, 129.  | 4.5 | 4         |
| 6  | MAGIC Observations of the Nearby Short Gamma-Ray Burst GRB 160821B <sup>*</sup> . <i>Astrophysical Journal</i> , 2021, 908, 90.  | 4.5 | 38        |
| 7  | The spectra of IceCube neutrino candidate sources – I. Optical spectroscopy of blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3338-3353.   | 4.4 | 5         |
| 8  | Predictions of TeV emission for a set of hard BL Lac objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 6128-6141.   | 4.4 | 5         |
| 9  | Search for Very High-energy Emission from the Millisecond Pulsar PSR J0218+4232. <i>Astrophysical Journal</i> , 2021, 922, 251.  | 4.5 | 2         |
| 10 | 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        |
| 11 | Optical spectroscopy of BL Lac objects: TeV candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 94-108.  | 4.4 | 20        |
| 12 | The redshift and the host galaxy of the neutrino candidate 4FGL J0955.1+3551 (3HSP J095507.9+355101). <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 495, L108-L111.                      | 3.3 | 10        |
| 13 | New Hard-TeV Extreme Blazars Detected with the MAGIC Telescopes*. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 16.   | 7.7 | 39        |
| 14 | The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. <i>Astrophysical Journal</i> , 2020, 890, 97.   | 4.5 | 21        |
| 15 | 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        |
| 16 | ZBL Lac: A Spectroscopic Database of BL Lacertae Objects. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 37.   | 7.7 | 10        |
| 17 | Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. <i>Astrophysical Journal</i> , 2019, 883, 135.   | 4.5 | 27        |
| 18 | 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        |

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|----|--|------|-----------|
| 19 | Optical Spectroscopic Survey of a Sample of Unidentified Fermi Objects: II. <i>Astrophysical Journal</i> , 2019, 871, 162.   | 4.5  | 25        |
| 20 | The Redshift of the BL Lac Object TXS 0506+056. <i>Astrophysical Journal Letters</i> , 2018, 854, L32.   | 8.3  | 116       |
| 21 | 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       |
| 22 | 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        |
| 23 | 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         |
| 24 | Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .  | 12.6 | 654       |
| 25 | High-redshift BL Lac Objects: Spectroscopy of Candidates. <i>Astrophysical Journal</i> , 2018, 861, 130.   | 4.5  | 21        |
| 26 | On the Redshift of TeV BL Lac Objects. <i>Astrophysical Journal</i> , 2017, 837, 144.  | 4.5  | 68        |
| 27 | A new method to unveil blazars among multiwavelength counterparts of unassociated Fermi $\hat{3}$ -ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4902-4937. | 4.4  | 19        |
| 28 | 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        |
| 29 | Spectroscopy of 10 $\hat{3}$ -Ray BL Lac Objects at High Redshift. <i>Astrophysical Journal</i> , 2017, 844, 120.  | 4.5  | 28        |
| 30 | Performance of the MAGIC telescopes under moonlight. <i>Astroparticle Physics</i> , 2017, 94, 29-41.   | 4.3  | 54        |
| 31 | On the lensed blazar B0218+357. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 2814-2821.   | 4.4  | 8         |
| 32 | Optical Spectroscopic Survey of a Sample of Unidentified Fermi Objects. <i>Astrophysical Journal</i> , 2017, 851, 135.   | 4.5  | 30        |
| 33 | An Optical View of Extragalactic $\hat{3}$ -Ray Emitters. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .  | 2.8  | 3         |
| 34 | Teraelectronvolt pulsed emission from the Crab Pulsar detected by MAGIC. <i>Astronomy and Astrophysics</i> , 2016, 585, A133.  | 5.1  | 82        |
| 35 | 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        |
| 36 | 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        |

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|----|--|-----|-----------|
| 37 | 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       |
| 38 | 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       |
| 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 | 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       |
| 41 | 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       |