

Vincenzo Vitale

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,942
citations

567281

15
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

4679
citing authors

#	ARTICLE	IF	CITATIONS
1	THE LARGE AREA TELESCOPE ON THE FERMILAB GAMMA-RAY SPACE TELESCOPE MISSION. <i>Astrophysical Journal</i> , 2009, 697, 1071-1102.	4.5	3,048
2	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE FERMILAB LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012, 755, 164.	4.5	297
3	Gamma-Ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni. <i>Science</i> , 2010, 329, 817-821.	12.6	165
4	Geospace perturbations induced by the Earth: The state of the art and future trends. <i>Physics and Chemistry of the Earth</i> , 2015, 85-86, 17-33.	2.9	56
5	New Hard-TeV Extreme Blazars Detected with the MAGIC Telescopes*. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 16.	7.7	39
6	MAGIC Observations of the Nearby Short Gamma-Ray Burst GRB 160821B. <i>Astrophysical Journal</i> , 2021, 908, 90.	4.5	38
7	The HEPD particle detector of the CSES satellite mission for investigating seismo-associated perturbations of the Van Allen belts. <i>Science China Technological Sciences</i> , 2018, 61, 643-652.	4.0	37
8	Scientific Goals and In-orbit Performance of the High-energy Particle Detector on Board the CSES. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 16.	7.7	33
9	Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. <i>Astrophysical Journal</i> , 2019, 883, 135.	4.5	27
10	Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April. <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 29.	7.7	25
11	Proton acceleration in thermonuclear nova explosions revealed by gamma rays. <i>Nature Astronomy</i> , 2022, 6, 689-697.	10.1	25
12	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
13	First evidence for correlations between electron fluxes measured by NOAA-POES satellites and large seismic events. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013, 243-244, 249-257.	0.4	20
14	Galactic Cosmic-Ray Hydrogen Spectra in the 40–250 MeV Range Measured by the High-energy Particle Detector (HEPD) on board the CSES-01 Satellite between 2018 and 2020. <i>Astrophysical Journal</i> , 2020, 901, 8.	4.5	19
15	Beam test calibrations of the HEPD detector on board the China Seismo-Electromagnetic Satellite. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 974, 164170.	1.6	15
16	Multiwavelength variability and correlation studies of Mrk 421 during historically low X-ray and γ -ray activity in 2015–2016. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	13
17	VHE gamma-ray detection of FSRQ QSO B1420+326 and modeling of its enhanced broadband state in 2020. <i>Astronomy and Astrophysics</i> , 2021, 647, A163.	5.1	11
18	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017–2019. <i>Astrophysical Journal</i> , 2022, 927, 197.	4.5	11

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19	Control and data acquisition software of the high-energy particle detector on board the China Seismo-Electromagnetic Satellite space mission. <i>Software - Practice and Experience</i> , 2021, 51, 1459-1480.	3.6	10
20	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
21	The electronics of the High-Energy Particle Detector on board the CSES-01 satellite. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 1013, 165639.	1.6	9
22	New results on protons inside the South Atlantic Anomaly, at energies between 40 and 250 MeV in the period 2018–2020, from the CSES-01 satellite mission. <i>Physical Review D</i> , 2022, 105, .	4.7	7
23	Trapped Proton Fluxes Estimation Inside the South Atlantic Anomaly Using the NASA AE9/AP9/SPM Radiation Models along the China Seismo-Electromagnetic Satellite Orbit. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3465.	2.5	4
24	Search for Very High-energy Emission from the Millisecond Pulsar PSR J0218+4232. <i>Astrophysical Journal</i> , 2021, 922, 251.	4.5	2
25	Deep learning based event reconstruction for the Limadou High-Energy Particle Detector. <i>Physical Review D</i> , 2022, 105, .	4.7	0