

# Livio Conti

## List of Publications by Year in descending order

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70  
papers

1,114  
citations

489802

18  
h-index

488211

31  
g-index

74  
all docs

74  
docs citations

74  
times ranked

1783  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuronal Electrical Ongoing Activity as Cortical Areas Signature: An Insight from MNI Intracerebral Recording Atlas. <i>Cerebral Cortex</i> , 2022, 32, 2895-2906.	1.6	6
2	Pre-flight qualification tests of the Mini-EUSO telescope engineering model. <i>Experimental Astronomy</i> , 2022, 53, 133-158.	1.6	8
3	Deep learning based event reconstruction for the Limadou High-Energy Particle Detector. <i>Physical Review D</i> , 2022, 105, .	1.6	0
4	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, .	1.6	7
5	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.	1.3	4
6	The August 2018 Geomagnetic Storm Observed by the High-Energy Particle Detector on Board the CSES-01 Satellite. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5680.	1.3	13
7	Illusory figures: From logic to phenomenology.. <i>Psychology of Consciousness: Theory Research, and Practice</i> , 2021, 8, 164-198.	0.3	3
8	The HEPD-02 trigger and PMT readout system for the CSES-02 mission. , 2021, , .		0
9	Looking for Earthquake Precursors From Space: A Critical Review. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	24
10	A Critical Review of Ground Based Observations of Earthquake Precursors. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	27
11	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.	0.7	9
12	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.	2.5	10
13	On the role of contrast polarity in perceptual organization: A Gestalt approach.. <i>Psychology of Consciousness: Theory Research, and Practice</i> , 2021, 8, 367-396.	0.3	1
14	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.	0.7	15
15	The HEPD apparatus for the CSES mission. <i>Journal of Physics: Conference Series</i> , 2020, 1342, 012125.	0.3	0
16	On the Role of Contrast Polarity: In Response to van der Helm's Comments. <i>Brain Sciences</i> , 2020, 10, 54.	1.1	2
17	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.	1.6	19
18	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.	3.0	33

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19	The Limiting Case of Amodal Completion: The Phenomenal Saliency and the Role of Contrast Polarity. <i>Brain Sciences</i> , 2019, 9, 149.	1.1	4
20	The onboard software of the EUSO-SPB pathfinder experiment. <i>Software - Practice and Experience</i> , 2019, 49, 524-539.	2.5	5
21	Ultra-violet imaging of the night-time earth by EUSO-Balloon towards space-based ultra-high energy cosmic ray observations. <i>Astroparticle Physics</i> , 2019, 111, 54-71.	1.9	18
22	Space-Weather capabilities and preliminary results of the High Energy Particle Detector (HEPD) on-board the CSES-01 satellite. , 2019, , .		1
23	Status and performance of the High Energy Particle Detector (HEPD) on-board the CSES-01 satellite. , 2019, , .		0
24	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.	2.0	37
25	A high-performance electric field detector for space missions. <i>Planetary and Space Science</i> , 2018, 153, 107-119.	0.9	3
26	EUSO-TA " First results from a ground-based EUSO telescope. <i>Astroparticle Physics</i> , 2018, 102, 98-111.	1.9	27
27	First observations of speed of light tracks by a fluorescence detector looking down on the atmosphere. <i>Journal of Instrumentation</i> , 2018, 13, P05023-P05023.	0.5	15
28	The HEPD particle detector and the EFD electric field detector for the CSES satellite. <i>Radiation Physics and Chemistry</i> , 2017, 137, 187-192.	1.4	9
29	Cosmic ray oriented performance studies for the JEM-EUSO first level trigger. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 866, 150-163.	0.7	17
30	Meteor studies in the framework of the JEM-EUSO program. <i>Planetary and Space Science</i> , 2017, 143, 245-255.	0.9	17
31	Simulations of mini-EUSO observations of UV phenomena in the atmosphere. , 2017, , .		0
32	Study on the High Energy Particle Detector calorimeter. , 2017, , .		1
33	The HEPD apparatus for the CSES mission. , 2017, , .		0
34	Performances of JEM-EUSO: energy and X max reconstruction. <i>Experimental Astronomy</i> , 2015, 40, 183-214.	1.6	7
35	Calibration aspects of the JEM-EUSO mission. <i>Experimental Astronomy</i> , 2015, 40, 91-116.	1.6	5
36	Space experiment TUS on board the Lomonosov satellite as pathfinder of JEM-EUSO. <i>Experimental Astronomy</i> , 2015, 40, 315-326.	1.6	11

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37	Geospace perturbations induced by the Earth: The state of the art and future trends. Physics and Chemistry of the Earth, 2015, 85-86, 17-33.	1.2	56
38	The infrared camera onboard JEM-EUSO. Experimental Astronomy, 2015, 40, 61-89.	1.6	7
39	Ground-based tests of JEM-EUSO components at the Telescope Array site, "EUSO-TA" Experimental Astronomy, 2015, 40, 301-314.	1.6	16
40	The JEM-EUSO mission: An introduction. Experimental Astronomy, 2015, 40, 3-17.	1.6	38
41	The JEM-EUSO observation in cloudy conditions. Experimental Astronomy, 2015, 40, 135-152.	1.6	10
42	The atmospheric monitoring system of the JEM-EUSO instrument. Experimental Astronomy, 2015, 40, 45-60.	1.6	10
43	On-line and off-line data analysis for the EUSO-TA experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 773, 164-171.	0.7	4
44	JEM-EUSO: Meteor and nuclearite observations. Experimental Astronomy, 2015, 40, 253-279.	1.6	27
45	The JEM-EUSO instrument. Experimental Astronomy, 2015, 40, 19-44.	1.6	45
46	Science of atmospheric phenomena with JEM-EUSO. Experimental Astronomy, 2015, 40, 239-251.	1.6	8
47	The EUSO-Balloon pathfinder. Experimental Astronomy, 2015, 40, 281-299.	1.6	31
48	Performances of JEM-EUSO: angular reconstruction. Experimental Astronomy, 2015, 40, 153-177.	1.6	8
49	Ultra high energy photons and neutrinos with JEM-EUSO. Experimental Astronomy, 2015, 40, 215-233.	1.6	3
50	JEM-EUSO observational technique and exposure. Experimental Astronomy, 2015, 40, 117-134.	1.6	16
51	Data processing and acquisition systems. Industrial Innovation Series, 2015, , 303-314.	0.2	0
52	Method for signal conditioning and data acquisition system, based on variable amplification and feedback technique. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 756, 23-29.	0.7	1
53	A statistical analysis on the relationship between thunderstorms and the sporadic E Layer over Rome. Astronomische Nachrichten, 2013, 334, 968-971.	0.6	7
54	A Deterministic Approach to Earthquake Prediction. International Journal of Geophysics, 2012, 2012, 1-20.	0.4	14

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55	A study of NOAA particle flux sensitivity to solar activity and strategies to search for correlations among satellite data and earthquake phenomena. <i>International Journal of Remote Sensing</i> , 2012, 33, 4796-4814.	1.3	8
56	The ESPERIA satellite project for detecting seismo-associated effects in the topside ionosphere. First instrumental tests in space. <i>Earth, Planets and Space</i> , 2008, 60, 463-475.	0.9	3
57	Seismo-induced effects in the near-earth space: Combined ground and space investigations as a contribution to earthquake prediction. <i>Tectonophysics</i> , 2007, 431, 153-171.	0.9	19
58	First data from the EGLE experiment onboard the ISS. <i>Microgravity Science and Technology</i> , 2007, 19, 70-74.	0.7	4
59	The ESPERIA Project: a Mission to Investigate the near-Earth Space. , 2005, , 407-412.		4
60	Correlations between earthquakes and anomalous particle bursts from SAMPEX/PET satellite observations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2005, 67, 1448-1462.	0.6	65
61	The $t \rightarrow W^+ b$ decay in the Standard Model: a critical reanalysis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 502, 125-132.	1.5	28
62	B-parameters for $\hat{S} = 2$ supersymmetric operators. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999, 73, 315-317.	0.5	5
63	B-parameters for $\hat{S}=2$ supersymmetric operators. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 453, 30-39.	1.5	48
64	Heavy-light meson decay constants on the lattice. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1998, 63, 359-361.	0.5	1
65	Non-perturbative renormalization of the complete basis of four-fermion operators and B-parameters. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1998, 63, 880-882.	0.5	1
66	Lattice B-parameters for $\hat{S}=2$ and $\hat{I}=3/2$ operators. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 421, 273-282.	1.5	36
67	$\hat{M}^K$ and $\epsilon^K$ in SUSY at the next-to-leading order. <i>Journal of High Energy Physics</i> , 1998, 1998, 008-008.	1.6	204
68	Full QCD with dynamical Wilson fermions on a $243 \times 40$ -lattice: a feasibility study. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1997, 53, 222-224.	0.5	6
69	A high statistics lattice calculation of heavy-light meson decay constants. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 405, 133-141.	1.5	16
70	Testing the quasi-temporal gauge on the lattice. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 373, 164-170.	1.5	4