

Silvia Celli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6028543/publications.pdf>

Version: 2024-02-01

73
papers

2,163
citations

279798

23
h-index

233421

45
g-index

73
all docs

73
docs citations

73
times ranked

2772
citing authors

#	ARTICLE	IF	CITATIONS
1	Determining the neutrino mass ordering and oscillation parameters with KM3NeT/ORCA. European Physical Journal C, 2022, 82, 1.	3.9	27
2	Detection prospects for multi-GeV neutrinos from collisionally heated GRBs. Physical Review D, 2022, 105, .	4.7	5
3	Search for solar atmospheric neutrinos with the ANTARES neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 018.	5.4	1
4	Search for secluded dark matter towards the Galactic Centre with the ANTARES neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 028.	5.4	3
5	ANTARES upper limits on the multi-TeV neutrino emission from the GRBs detected by IACTs. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 092.	5.4	5
6	Using interstellar clouds to search for Galactic PeVatrons: gamma-ray signatures from supernova remnants. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3522-3539.	4.4	11
7	ANTARES Search for Point Sources of Neutrinos Using Astrophysical Catalogs: A Likelihood Analysis. Astrophysical Journal, 2021, 911, 48.	4.5	11
8	Measurement of the atmospheric $\hat{1}\frac{1}{2}$ and $\hat{1}\frac{1}{2}$ energy spectra with the ANTARES neutrino telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136228.	4.1	11
9	Optical reconstruction of dust in the region of supernova remnant RX J1713.7 \hat{a} ³⁹⁴⁶ from astrometric data. Nature Astronomy, 2021, 5, 832-838.	10.1	3
10	Real-time Multi-Messenger Analysis Framework of KM3NeT. , 2021, , .		2
11	Sensitivity estimates for diffuse, point-like and extended neutrino sources with KM3NeT/ARCA. , 2021, , .		4
12	Estimating the neutrino flux from choked gamma-ray bursts. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 044.	5.4	19
13	The diffuse $\hat{1}\frac{3}$ -ray background is dominated by star-forming galaxies. Nature, 2021, 597, 341-344.	27.8	35
14	Constraining the contribution of Gamma-Ray Bursts to the high-energy diffuse neutrino flux with 10 years of ANTARES data. Journal of Instrumentation, 2021, 16, C09007.	1.2	0
15	Cosmic ray electrons released by supernova remnants. Monthly Notices of the Royal Astronomical Society, 2021, 508, 6142-6154.	4.4	6
16	Search for Neutrinos from the Tidal Disruption Events AT2019dsg and AT2019fdr with the ANTARES Telescope. Astrophysical Journal, 2021, 920, 50.	4.5	6
17	Sensitivity to light sterile neutrino mixing parameters with KM3NeT/ORCA. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
18	Multi-messenger astrophysics with THESEUS in the 2030s. Experimental Astronomy, 2021, 52, 245-275.	3.7	12

#	ARTICLE	IF	CITATIONS
19	gSeaGen: The KM3NeT GENIE-based code for neutrino telescopes. Computer Physics Communications, 2020, 256, 107477.	7.5	14
20	Combined search for neutrinos from dark matter self-annihilation in the Galactic Center with ANTARES and IceCube. Physical Review D, 2020, 102, .	4.7	31
21	Deep-sea deployment of the KM3NeT neutrino telescope detection units by self-unrolling. Journal of Instrumentation, 2020, 15, P11027-P11027.	1.2	9
22	Event reconstruction for KM3NeT/ORCA using convolutional neural networks. Journal of Instrumentation, 2020, 15, P10005-P10005.	1.2	15
23	Search for dark matter towards the Galactic Centre with 11 years of ANTARES data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135439.	4.1	26
24	Search for neutrino counterparts of gravitational-wave events detected by LIGO and Virgo during run O2 with the ANTARES telescope. European Physical Journal C, 2020, 80, 1.	3.9	9
25	Constraining the contribution of Gamma-Ray Bursts to the high-energy diffuse neutrino flux with 10Åyr of ANTARES data. Monthly Notices of the Royal Astronomical Society, 2020, 500, 5614-5628.	4.4	19
26	Observation of the cosmic ray shadow of the Sun with the ANTARES neutrino telescope. Physical Review D, 2020, 102, .	4.7	4
27	Spectral Signatures of PeVatrons. Astrophysical Journal, 2020, 903, 61.	4.5	13
28	New high-frequency radio observations of the Cygnus Loop supernova remnant with the Italian radio telescopes. Monthly Notices of the Royal Astronomical Society, 2020, 500, 5177-5194.	4.4	8
29	ANTARES Neutrino Search for Time and Space Correlations with IceCube High-energy Neutrino Events. Astrophysical Journal, 2019, 879, 108.	4.5	5
30	Exploring particle escape in supernova remnants through gamma rays. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4317-4333.	4.4	38
31	Supernova remnants in clumpy media: particle propagation and gamma-ray emission. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3199-3213.	4.4	39
32	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. Astrophysical Journal, 2019, 870, 134.	4.5	32
33	Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. Astroparticle Physics, 2019, 111, 100-110.	4.3	71
34	Gamma-ray and Neutrino Signatures of Galactic Cosmic-ray Accelerators. Springer Theses, 2019, , .	0.1	0
35	A Search for Cosmic Neutrino and Gamma-Ray Emitting Transients in 7.3 yr of ANTARES and Fermi LAT Data. Astrophysical Journal, 2019, 886, 98.	4.5	6
36	The search for high-energy neutrinos coincident with fast radio bursts with the ANTARES neutrino telescope. Monthly Notices of the Royal Astronomical Society, 2019, 482, 184-193.	4.4	8

#	ARTICLE	IF	CITATIONS
37	KM3NeT front-end and readout electronics system: hardware, firmware, and software. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.8	18
38	On the potential of Cherenkov Telescope Arrays and KM3 Neutrino Telescopes for the detection of extended sources. <i>Astroparticle Physics</i> , 2018, 100, 69-79.	4.3	20
39	The SURvey for Pulsars and Extragalactic Radio Bursts â€œ II. New FRB discoveries and their follow-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1427-1446.	4.4	156
40	All-flavor Search for a Diffuse Flux of Cosmic Neutrinos with Nine Years of ANTARES Data. <i>Astrophysical Journal Letters</i> , 2018, 853, L7.	8.3	41
41	Joint Constraints on Galactic Diffuse Neutrino Emission from the ANTARES and IceCube Neutrino Telescopes. <i>Astrophysical Journal Letters</i> , 2018, 868, L20.	8.3	64
42	The cosmic ray shadow of the Moon observed with the ANTARES neutrino telescope. <i>European Physical Journal C</i> , 2018, 78, 1006.	3.9	14
43	Search for PeVatrons in VHE gamma rays and neutrinos. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
44	Long-term monitoring of the ANTARES optical module efficiencies using ^{40}K decays in sea water. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	10
45	Characterisation of the Hamamatsu photomultipliers for the KM3NeT Neutrino Telescope. <i>Journal of Instrumentation</i> , 2018, 13, P05035-P05035.	1.2	25
46	The Search for Neutrinos from TXS 0506+056 with the ANTARES Telescope. <i>Astrophysical Journal Letters</i> , 2018, 863, L30.	8.3	24
47	Time-dependent search for neutrino emission from X-ray binaries with the ANTARES telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 019-019.	5.4	8
48	Neutrinos and γ -rays from the Galactic Center Region after H.E.S.S. multi-TeV measurements. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	18
49	Sperm whale long-range echolocation sounds revealed by ANTARES, a deep-sea neutrino telescope. <i>Scientific Reports</i> , 2017, 7, 45517.	3.3	20
50	Results from the search for dark matter in the Milky Way with 9 years of data of the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 769, 249-254.	4.1	52
51	Search for dark matter annihilation in the earth using the ANTARES neutrino telescope. <i>Physics of the Dark Universe</i> , 2017, 16, 41-48.	4.9	19
52	First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope. <i>Physical Review D</i> , 2017, 96, .	4.7	60
53	Search for high-energy neutrinos from bright GRBs with ANTARES. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 906-915.	4.4	27
54	New constraints on all flavor Galactic diffuse neutrino emission with the ANTARES telescope. <i>Physical Review D</i> , 2017, 96, .	4.7	33

#	ARTICLE	IF	CITATIONS
55	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017, 96, .	4.7	40
56	Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	22
57	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , 2017, 850, L35.	8.3	135
58	An algorithm for the reconstruction of high-energy neutrino-induced particle showers and its application to the ANTARES neutrino telescope. <i>European Physical Journal C</i> , 2017, 77, 419.	3.9	11
59	Search for relativistic magnetic monopoles with five years of the ANTARES detector data. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	9
60	All-sky search for high-energy neutrinos from gravitational wave event GW170104 with the Antares neutrino telescope. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	13
61	An Algorithm for the Reconstruction of Neutrino-induced Showers in the ANTARES Neutrino Telescope. <i>Astronomical Journal</i> , 2017, 154, 275.	4.7	14
62	Search for high energy neutrinos from bright GRBs with ANTARES. <i>EPJ Web of Conferences</i> , 2017, 136, 04004.	0.3	0
63	A time-dependent search for high-energy neutrinos from bright GRBs with ANTARES. <i>EPJ Web of Conferences</i> , 2017, 136, 04006.	0.3	1
64	Search for high energy neutrinos from bright GRBs with ANTARES. <i>Journal of Physics: Conference Series</i> , 2017, 888, 012100.	0.4	0
65	Search for muon neutrinos from GRBs with the ANTARES neutrino telescope. , 2017, , .		1
66	Search for high-energy neutrinos from GRB130427A with the ANTARES neutrino telescope. <i>Journal of Physics: Conference Series</i> , 2016, 689, 012011.	0.4	0
67	A method to stabilise the performance of negatively fed KM3NeT photomultipliers. <i>Journal of Instrumentation</i> , 2016, 11, P12014-P12014.	1.2	8
68	Letter of intent for KM3NeT 2.0. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 084001.	3.6	512
69	Limits on dark matter annihilation in the sun using the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 69-74.	4.1	78
70	Constraints on the neutrino emission from the Galactic Ridge with the ANTARES telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 760, 143-148.	4.1	35
71	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016, 93, .	4.7	92
72	A search for Secluded Dark Matter in the Sun with the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 016-016.	5.4	26

#	ARTICLE	IF	CITATIONS
73	A polarized fast radio burst at low Galactic latitude. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	45