Dmitriy Beznosko

List of Publications by Year in descending order

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47 papers	2,450 citations	840776 11 h-index	361022 35 g-index
47 all docs	47 docs citations	47 times ranked	1455 citing authors

#	Article	IF	Citations
1	A Search for Cosmic Ray Bursts at 0.1 PeV with a Small Air Shower Array. Symmetry, 2022, 14, 501.	2.2	5
2	The Horizon-T cosmic ray experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, , 166901.	1.6	2
3	Determination of Zenith Angle Dependence of Incoherent Cosmic Ray Muon Flux Using Smartphones of the CREDO Project. Applied Sciences (Switzerland), 2021, 11, 1185.	2.5	4
4	Cosmic-Ray Extremely Distributed Observatory. Symmetry, 2020, 12, 1835.	2.2	33
5	A New Insight on the Radioprotective Potential of Epsilon-Aminocaproic Acid. Medicina (Lithuania), 2020, 56, 663.	2.0	2
6	Horizon-T experiment and detection of Extensive air showers with unusual structure. Journal of Physics: Conference Series, 2020, 1342, 012007.	0.4	3
7	Extensive air showers event reconstruction using spatial and temporary particle distribution at Horizon-T experiment. Journal of Physics: Conference Series, 2020, 1342, 012136.	0.4	2
8	The first CREDO registration of extensive air shower. Physics Education, 2020, 55, 055021.	0.5	4
9	Extensive Air Showers with Unusual Spatial and Temporal Structure. EPJ Web of Conferences, 2019, 208, 06002.	0.3	2
10	Performance of the Horizon-10T detector system in Physics Run 1. EPJ Web of Conferences, 2019, 208, 08008.	0.3	2
11	HT-KZ detector system: R&D considerations and prototype performance. EPJ Web of Conferences, 2019, 208, 08009.	0.3	0
12	Unusual Time Structure of Extensive Air Showers at Energies Exceeding 1017 eV. Physics of Atomic Nuclei, 2019, 82, 330-333.	0.4	4
13	The unusual structure detection in Extensive air shower events at Horizon-8T cosmic rays detector system. , 2019, , .		0
14	Fast Charged Particle Detector with High Dynamic Range at Horizon-10T Cosmic Rays Detector System. , 2019, , .		0
15	Optimization of the Liquid Scintillator Composition for Radiation Monitoring Detectors. Materials Today: Proceedings, 2018, 5, 22770-22775.	1.8	2
16	Fast and simple glass-based charged particles detector with large linear detection range. Journal of Instrumentation, 2017, 12, T07008-T07008.	1.2	7
17	Horizon-T experiment status. EPJ Web of Conferences, 2017, 145, 11004.	0.3	4
18	Extensive Air Showers with unusual structure. EPJ Web of Conferences, 2017, 145, 14001.	0.3	10

#	Article	IF	Citations
19	Liquid scintillator composition optimization for use in ultra-high energy cosmic ray detector systems. EPJ Web of Conferences, 2017, 145, 19016.	0.3	3
20	Extensive Air Showers with unusual structure. EPJ Web of Conferences, 2017, 145, 14001.	0.3	1
21	Optimization of the Liquid Scintillator Composition. , 2017, , .		1
22	Horizon-T Extensive Air Showers detector system operations and performance. , 2017, , .		0
23	Horizon-T experiment status. EPJ Web of Conferences, 2017, 145, 11004.	0.3	0
24	Liquid scintillator composition optimization for use in ultra-high energy cosmic ray detector systems. EPJ Web of Conferences, 2017, 145, 19016.	0.3	0
25	The distributed particle detectors and data acquisition modules for Extensive Air Shower measurements at "Horizon-T KZ" experiment. , 2016, , .		2
26	Characterization and modeling of a Water-based Liquid Scintillator. Journal of Instrumentation, 2015, 10, P12009-P12009.	1.2	28
27	Performance of Water-Based Liquid Scintillator: An Independent Analysis. Advances in High Energy Physics, 2014, 2014, 1-8.	1.1	1
28	T2K neutrino flux prediction. Physical Review D, 2013, 87, .	4.7	165
29	Measurement of the inclusive<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>Î¼</mml:mi></mml:msub></mml:math>charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, .	4.7	94
30	Evidence of electron neutrino appearance in a muon neutrino beam. Physical Review D, 2013, 88, .	4.7	116
31	Publisherâ€™s Note: T2K neutrino flux prediction [Phys. Rev. D87, 012001 (2013)]. Physical Review D, 2013, 87, .	4.7	40
32	First muon-neutrino disappearance study with an off-axis beam. Physical Review D, 2012, 85, .	4.7	77
33	The T2K ND280 off-axis piâ€“zero detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 686, 48-63.	1.6	70
34	Measurements of the T2K neutrino beam properties using the INGRID on-axis near detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 211-223.	1.6	86
35	The T2K experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 106-135.	1.6	585
36	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. Physical Review Letters, 2011, 107, 041801.	7.8	1,054

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37	Quality Control Studies of Wavelength Shifting Fibers for a Scintillator-Based Tail Catcher Muon Tracker for Linear Collider Prototype Detector. IEEE Transactions on Nuclear Science, 2006, 53, 3944-3948.	2.0	4
38	Extruded scintillator for the Calorimetry applications. AIP Conference Proceedings, 2006, , .	0.4	4
39	Studies of silicon photodetectors for scintillator-based Hadron Calorimetry at the International Linear Collider. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 567, 62-69.	1.6	0
40	Modular design for narrow scintillating cells with MRS photodiodes in strong magnetic field for ILC detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 564, 178-184.	1.6	5
41	Effects of the strong magnetic field on LED, extruded scintillator and MRS photodiode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 553, 438-447.	1.6	5
42	Investigation of a solid-state photodetector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 545, 727-737.	1.6	4
43	Small scintillating cells as the active elements in a digital hadron calorimeter for the e+eÂlinear collider detector. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, N1-N16.	3.6	9
44	Toward a scintillator based digital hadron calorimeter for the linear collider detector. IEEE Transactions on Nuclear Science, 2004, 51, 1590-1595.	2.0	5
45	Towards a scintillator based digital hadron calorimeter for the Linear Collider detector. , 2003, , .		0
46	FNAL-NICADD Extruded Scintillator. , 0, , .		5
47	Experience with MRS. , 0, , .		0