

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	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. <i>Physical Review Letters</i> , 2011, 107, 041801.	7.8	1,054
2	The T2K experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 659, 106-135.	1.6	585
3	T2K neutrino flux prediction. <i>Physical Review D</i> , 2013, 87, .	4.7	165
4	Evidence of electron neutrino appearance in a muon neutrino beam. <i>Physical Review D</i> , 2013, 88, .	4.7	116
5	Measurement of the inclusive $\langle \sigma_{\text{ch}} \rangle$ charged current cross section on carbon in the near detector of the T2K experiment. <i>Physical Review D</i> , 2013, 87, .	4.7	94
6	Measurements of the T2K neutrino beam properties using the INGRID on-axis near detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 694, 211-223.	1.6	86
7	First muon-neutrino disappearance study with an off-axis beam. <i>Physical Review D</i> , 2012, 85, .	4.7	77
8	The T2K ND280 off-axis π^0 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 686, 48-63.	1.6	70
9	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D87, 012001 (2013)]. <i>Physical Review D</i> , 2013, 87, .	4.7	40
10	Cosmic-Ray Extremely Distributed Observatory. <i>Symmetry</i> , 2020, 12, 1835.	2.2	33
11	Characterization and modeling of a Water-based Liquid Scintillator. <i>Journal of Instrumentation</i> , 2015, 10, P12009-P12009.	1.2	28
12	Extensive Air Showers with unusual structure. <i>EPJ Web of Conferences</i> , 2017, 145, 14001.	0.3	10
13	Small scintillating cells as the active elements in a digital hadron calorimeter for the e+e- linear collider detector. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2004, 30, N1-N16.	3.6	9
14	Fast and simple glass-based charged particles detector with large linear detection range. <i>Journal of Instrumentation</i> , 2017, 12, T07008-T07008.	1.2	7
15	Toward a scintillator based digital hadron calorimeter for the linear collider detector. <i>IEEE Transactions on Nuclear Science</i> , 2004, 51, 1590-1595.	2.0	5
16	FNAL-NICADD Extruded Scintillator. , 0, , .		5
17	Effects of the strong magnetic field on LED, extruded scintillator and MRS photodiode. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 553, 438-447.	1.6	5
18	Modular design for narrow scintillating cells with MRS photodiodes in strong magnetic field for ILC detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 564, 178-184.	1.6	5

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19	A Search for Cosmic Ray Bursts at 0.1 PeV with a Small Air Shower Array. <i>Symmetry</i> , 2022, 14, 501.	2.2	5
20	Investigation of a solid-state photodetector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 545, 727-737.	1.6	4
21	Quality Control Studies of Wavelength Shifting Fibers for a Scintillator-Based Tail Catcher Muon Tracker for Linear Collider Prototype Detector. <i>IEEE Transactions on Nuclear Science</i> , 2006, 53, 3944-3948.	2.0	4
22	Extruded scintillator for the Calorimetry applications. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	4
23	Horizon-T experiment status. <i>EPJ Web of Conferences</i> , 2017, 145, 11004.	0.3	4
24	Unusual Time Structure of Extensive Air Showers at Energies Exceeding 1017 eV. <i>Physics of Atomic Nuclei</i> , 2019, 82, 330-333.	0.4	4
25	Determination of Zenith Angle Dependence of Incoherent Cosmic Ray Muon Flux Using Smartphones of the CREDO Project. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1185.	2.5	4
26	The first CREDO registration of extensive air shower. <i>Physics Education</i> , 2020, 55, 055021.	0.5	4
27	Liquid scintillator composition optimization for use in ultra-high energy cosmic ray detector systems. <i>EPJ Web of Conferences</i> , 2017, 145, 19016.	0.3	3
28	Horizon-T experiment and detection of Extensive air showers with unusual structure. <i>Journal of Physics: Conference Series</i> , 2020, 1342, 012007.	0.4	3
29	Optimization of the Liquid Scintillator Composition for Radiation Monitoring Detectors. <i>Materials Today: Proceedings</i> , 2018, 5, 22770-22775.	1.8	2
30	Extensive Air Showers with Unusual Spatial and Temporal Structure. <i>EPJ Web of Conferences</i> , 2019, 208, 06002.	0.3	2
31	Performance of the Horizon-10T detector system in Physics Run 1. <i>EPJ Web of Conferences</i> , 2019, 208, 08008.	0.3	2
32	A New Insight on the Radioprotective Potential of Epsilon-Aminocaproic Acid. <i>Medicina (Lithuania)</i> , 2020, 56, 663.	2.0	2
33	Extensive air showers event reconstruction using spatial and temporary particle distribution at Horizon-T experiment. <i>Journal of Physics: Conference Series</i> , 2020, 1342, 012136.	0.4	2
34	The distributed particle detectors and data acquisition modules for Extensive Air Shower measurements at "Horizon-T KZ" experiment. , 2016, , .		2
35	The Horizon-T cosmic ray experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, , 166901.	1.6	2
36	Performance of Water-Based Liquid Scintillator: An Independent Analysis. <i>Advances in High Energy Physics</i> , 2014, 2014, 1-8.	1.1	1

#	ARTICLE	IF	CITATIONS
37	Extensive Air Showers with unusual structure. EPJ Web of Conferences, 2017, 145, 14001.	0.3	1
38	Optimization of the Liquid Scintillator Composition. , 2017, , .		1
39	Towards a scintillator based digital hadron calorimeter for the Linear Collider detector. , 2003, , .		0
40	Experience with MRS. , 0, , .		0
41	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
42	HT-KZ detector system: R&D considerations and prototype performance. EPJ Web of Conferences, 2019, 208, 08009.	0.3	0
43	Horizon-T Extensive Air Showers detector system operations and performance. , 2017, , .		0
44	The unusual structure detection in Extensive air shower events at Horizon-8T cosmic rays detector system. , 2019, , .		0
45	Fast Charged Particle Detector with High Dynamic Range at Horizon-10T Cosmic Rays Detector System. , 2019, , .		0
46	Horizon-T experiment status. EPJ Web of Conferences, 2017, 145, 11004.	0.3	0
47	Liquid scintillator composition optimization for use in ultra-high energy cosmic ray detector systems. EPJ Web of Conferences, 2017, 145, 19016.	0.3	0