

Yuri Davydov

List of Publications by Year in descending order

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papers

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840776

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times ranked

374
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Properties of YAG:Ce and GGG:Ce Scintillation Crystals Irradiated with a High Fluence Proton Beam. Physics of Particles and Nuclei Letters, 2020, 17, 878-881.	0.4	0
2	Electron beam test of the large area Mu2e calorimeter prototype. Journal of Physics: Conference Series, 2019, 1162, 012027.	0.4	3
3	Suppression of the slow component of BaF ₂ crystal luminescence with a thin multilayer filter. Journal of Physics: Conference Series, 2019, 1162, 012028.	0.4	2
4	A Scintillation Detector with a Barium Fluoride Crystal and a Photomultiplier with an AlGaN-based Photocathode and Microchannel Plates. , 2019, , .		0
5	Quality Assurance on Undoped CsI Crystals for the Mu2e Experiment. IEEE Transactions on Nuclear Science, 2018, 65, 752-757.	2.0	11
6	Photoelectron yields of scintillation counters with embedded wavelength-shifting fibers read out with silicon photomultipliers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 890, 84-95.	1.6	13
7	Increase in the light collection from a scintillation strip with a hole for the WLS fiber using filling materials of various types. Physics of Particles and Nuclei Letters, 2017, 14, 139-143.	0.4	1
8	Quality Assurance on a custom SiPMs array for the Mu2e experiment. , 2017, , .		0
9	High fluence neutron radiation of plastic scintillators for the TileCal of the ATLAS detector.. Journal of Physics: Conference Series, 2017, 889, 012009.	0.4	1
10	The influence of neutron radiation damage on the optical properties of plastic scintillator UPS 923A. Journal of Physics: Conference Series, 2017, 889, 012019.	0.4	1
11	Design and status of the Mu2e Calorimeter. , 2017, , .		0
12	Neutron induced radiation damage of plastic scintillators for the upgrade of the Tile Calorimeter of the ATLAS detector.. Journal of Physics: Conference Series, 2017, 878, 012008.	0.4	4
13	Characterization of a 5 \times 5 LYSO Matrix Calorimeter Prototype. IEEE Transactions on Nuclear Science, 2016, 63, 596-604.	2.0	0
14	Response of LYSO:Ce scintillation crystals to low energy gamma-rays. Physics of Particles and Nuclei Letters, 2015, 12, 319-324.	0.4	8
15	Experimental access to Transition Distribution Amplitudes with the P _i ANDA experiment at FAIR. European Physical Journal A, 2015, 51, 1.	2.5	29
16	Technical design report for the \overline{P} ANDA (AntiProton Annihilations at Darmstadt) Straw Tube Tracker. European Physical Journal A, 2013, 49, 1.	2.5	71
17	Precision muon decay measurements and improved constraints on the weak interaction. Physical Review D, 2012, 85, .	4.7	23
18	Publisher's Note: Precise measurement of parity violation in polarized muon decay [Phys. Rev. D84, 032005 (2011)]. Physical Review D, 2012, 85, .	4.7	5

#	ARTICLE	IF	CITATIONS
19	Precise measurement of parity violation in polarized muon decay. Physical Review D, 2011, 84, .	4.7	24
20	Experimental Constraints on Left-Right Symmetric Models from Muon Decay. Physical Review Letters, 2011, 106, 041804.	7.8	30
21	Comparative analysis of the performance characteristics of mini-drift tubes with different design. Instruments and Experimental Techniques, 2010, 53, 356-361.	0.5	3
22	Coordinate accuracy of mini-drift tubes in detection of an induced signal. Instruments and Experimental Techniques, 2010, 53, 648-652.	0.5	2
23	Self Quenching Streamer Mode in Quenching Gases Initiated by Alpha Particles. IEEE Transactions on Nuclear Science, 2009, 56, 2880-2884.	2.0	2
24	Precision measurement of the muon decay parameters ρ and η . Physical Review D, 2008, 78, .	4.7	22
25	$\bar{\nu}_e$ nuclear capture ratio on hydrogen and oxygen in water. Physical Review A, 2007, 75, .	2.5	1
26	Measurement of ρ in polarized muon decay. Physical Review D, 2006, 74, .	4.7	20
27	Search for free decay of negative pions in water and light materials. Physical Review D, 2006, 73, .	4.7	2
28	Measurement of the Michel Parameter η in Muon Decay. Physical Review Letters, 2005, 94, 101805.	7.8	38
29	Measurement of the muon decay parameter ρ . Physical Review D, 2005, 71, .	4.7	37
30	Investigation of inclusive production of K^0 and K^{*0} mesons in K^+A interactions at 11.2 GeV. Zeitschrift für Physik C-Particles and Fields, 1992, 56, 537-546.	1.5	0