

Denis Kuleshov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 $\hat{\beta}$ -ray Galactic sources. <i>Nature</i> , 2021, 594, 33-36.	27.8	262
2	Peta-electron volt gamma-ray emission from the Crab Nebula. <i>Science</i> , 2021, 373, 425-430.	12.6	86
3	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR $J_{0622+3749}$ Observed by LHAASO-KM2A. <i>Physical Review Letters</i> , 2021, 126, 241103.	7.8	73
4	Observation of the Crab Nebula with LHAASO-KM2A â a performance study *. <i>Chinese Physics C</i> , 2021, 45, 025002.	3.7	67
5	The Baikal neutrino experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 626-627, S13-S18.	1.6	31
6	The prototype string for the km ³ -scale Baikal neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 602, 227-234.	1.6	30
7	The Gigaton Volume Detector in Lake Baikal. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 639, 30-32.	1.6	30
8	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. <i>Astrophysical Journal Letters</i> , 2021, 919, L22.	8.3	28
9	The BAIKAL neutrino experimentâPhysics results and perspectives. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 602, 14-20.	1.6	27
10	Discovery of a New Gamma-Ray Source, LHAASO J0341+5258, with Emission up to 200 TeV. <i>Astrophysical Journal Letters</i> , 2021, 917, L4.	8.3	21
11	Construction and on-site performance of the LHAASO WFCTA camera. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	18
12	Performance of LHAASO-WCDA and observation of the Crab Nebula as a standard candle *. <i>Chinese Physics C</i> , 2021, 45, 085002.	3.7	16
13	Asp-15âA stationary device for the measurement of the optical water properties at the NT200 neutrino telescope site. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 693, 186-194.	1.6	14
14	The Baikal Neutrino Project: Present and perspective. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 628, 115-119.	1.6	10
15	Absolute calibration of LHAASO WFCTA camera based on LED. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, 1021, 165824.	1.6	10
16	Calibration of the air shower energy scale of the water and air Cherenkov techniques in the LHAASO experiment. <i>Physical Review D</i> , 2021, 104, .	4.7	9
17	Status of the early construction phase of Baikal-GVD. <i>Nuclear and Particle Physics Proceedings</i> , 2016, 273-275, 314-320.	0.5	8
18	Acoustic search for high-energy neutrinos in the Lake Baikal: Results and plans. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 662, S210-S215.	1.6	7

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19	The Baikal neutrino telescope—Results and plans. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 115-118.	1.6	5
20	Performance of the thermal neutron detector array in Yangbajing, Tibet for cosmic ray EAS detection. Astrophysics and Space Science, 2020, 365, 1.	1.4	5
21	Performance test of the electromagnetic particle detectors for the LHAASO experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1001, 165193.	1.6	5
22	The Baikal Experiment — from Megaton to Gigaton. Journal of Physics: Conference Series, 2010, 203, 012123.	0.4	3
23	Towards high energy neutrino acoustic detector in Lake Baikal: Current status and perspectives. , 2013, , .		3
24	Present status of the BAIKAL-GVD project development. Journal of Physics: Conference Series, 2013, 409, 012141.	0.4	3
25	Performances of ENDA-INR prototype array. Journal of Physics: Conference Series, 2020, 1690, 012011.	0.4	3
26	Geometrical reconstruction of fluorescence events observed by the LHAASO experiment *. Chinese Physics C, 2021, 45, 045101.	3.7	1
27	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
28	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. Radiation Detection Technology and Methods, 2021, 5, 531.	0.8	1