

Mikhail Amelchakov

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	New measuring system of multipurpose Cherenkov water detector NEVOD. <i>Astrophysics and Space Sciences Transactions</i> , 2011, 7, 271-273.	1.0	24
2	NEVOD-DECOR experiment: results and future. <i>Journal of Physics: Conference Series</i> , 2013, 409, 012009.	0.4	19
3	A Cherenkov Water Calorimeter Based on Quasi-Spherical Modules. <i>Instruments and Experimental Techniques</i> , 2018, 61, 649-657.	0.5	17
4	Cherenkov Water Detector NEVOD: A New Stage of Development. <i>Physics Procedia</i> , 2015, 74, 435-441.	1.2	15
5	The Calibration Telescope System of the NEVOD Cherenkov Water Detector. <i>Instruments and Experimental Techniques</i> , 2018, 61, 673-679.	0.5	10
6	Status of the NEVOD-EAS experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015, 79, 389-391.	0.6	8
7	Calibration Telescope System of CWD NEVOD as a Detector of Electron and Muon Components of EAS. <i>Physics Procedia</i> , 2015, 74, 449-456.	1.2	7
8	EAS array of the NEVOD Experimental Complex. <i>Journal of Physics: Conference Series</i> , 2015, 632, 012029.	0.4	7
9	A proposed NEVOD-EAS installation for the detection of extensive air showers. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013, 77, 641-643.	0.6	6
10	Proposal of NEVOD-EAS shower array. <i>Journal of Physics: Conference Series</i> , 2013, 409, 012098.	0.4	5
11	Study of cascade showers generated by near-horizontal muons in the water Cherenkov detector with a dense array of optical modules. <i>Bulletin of the Lebedev Physics Institute</i> , 2014, 41, 292-296.	0.6	4
12	Measuring module of the Cherenkov water detector NEVOD. <i>Journal of Physics: Conference Series</i> , 2015, 632, 012015.	0.4	4
13	Measuring the spectrum of the local density of charged particles on the SCT setup. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015, 79, 368-370.	0.6	4
14	OBSERVATION OF UHECRs IN HORIZONTAL FLUX. <i>International Journal of Modern Physics A</i> , 2005, 20, 6937-6940.	1.5	3
15	Investigation of cascade showers in the Cherenkov water detector NEVOD. <i>Journal of Physics: Conference Series</i> , 2015, 632, 012038.	0.4	3
16	An Amplitude-Channel Hodoscope Based on Programmable Logic Integral Circuits for the Baksan Underground Scintillation Telescope. <i>Instruments and Experimental Techniques</i> , 2004, 47, 330-333.	0.5	2
17	ALBEDO MUONS: NEW DATA AND CALCULATIONS. <i>International Journal of Modern Physics A</i> , 2005, 20, 6977-6979.	1.5	2
18	Scintillation detector with the fiber-optical readout. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2009, 73, 637-639.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Muon calibration of the cherenkov water detector NEVOD. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 431-433.	0.6	2
20	Muon bundles produced by UHE cosmic rays at large zenith angles. Physics of Atomic Nuclei, 2007, 70, 175-183.	0.4	1
21	Investigation of EAS electron and muon components by means of the NEVOD calibration telescope system. Journal of Physics: Conference Series, 2017, 798, 012044.	0.4	1
22	Cluster of scintillation counters for the shower array in the NEVOD EAS project. Bulletin of the Russian Academy of Sciences: Physics, 2007, 71, 564-566.	0.6	0
23	Measuring and Test Workbenches of Experimental Complex NEVOD. Physics Procedia, 2015, 74, 457-464.	1.2	0
24	Observing the second knee in the PCR spectrum in the region of 1017 eV using the method of local muon density spectra. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 478-480.	0.6	0
25	The central part of the NEVOD-EAS installation: First results. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 487-489.	0.6	0
26	Investigation of Ultrahigh-Energy Cosmic-Ray Anisotropy Using the Data on Muon Bundles Recorded with the DECOR Coordinate-Tracking Detector. Physics of Atomic Nuclei, 2018, 81, 1362-1369.	0.4	0
27	Investigation of the Cosmic Rays Flux Anisotropy at High Energies (1015â€“1017 eV) by Means of Muon Bundles Registered with the Coordinate-Tracking Detector DECOR. Physics of Particles and Nuclei, 2018, 49, 659-664.	0.7	0
28	Anisotropy in the Directions of Arrival of Muon Bundles Detected at the NEVOD Experimental Complex. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 1038-1040.	0.6	0
29	Multicomponent Registration of the EAS. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 987-990.	0.6	0
30	Reconstruction of Characteristics of Extensive Air Showers Detected with the NEVOD-EAS Array. Physics of Atomic Nuclei, 2019, 82, 760-765.	0.4	0
31	Near-Vertical Local Density Spectra of the EAS Charged Particles in the Energy Range of 1014â€“1017 eV. Physics of Atomic Nuclei, 2019, 82, 699-703.	0.4	0
32	Large scintillator EN-detector with natural boron for EAS study. , 2016, , .		0