

Nurzhan Saduyev

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

118
citations

1478505

6
h-index

1372567

10
g-index

23
all docs

23
docs citations

23
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	New complex EAS installation of the Tien Shan mountain cosmic ray station. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 832, 158-178.	1.6	25
2	Simultaneous observation of lightning emission in different wave ranges of electromagnetic spectrum in Tien Shan mountains. Atmospheric Research, 2018, 211, 73-84.	4.1	15
3	Spectroscopy of ^9Be and observation of neutron halo structure in the states of positive parity rotational band. EPJ Web of Conferences, 2014, 66, 02026.	0.3	12
4	The prolonged gamma ray enhancement and the short radiation burst events observed in thunderstorms at Tien Shan. Atmospheric Research, 2021, 248, 105266.	4.1	10
5	Cluster states in ^{11}B . EPJ Web of Conferences, 2014, 66, 03007.	0.3	8
6	Measurements of the low-energy neutron and gamma ray accompaniment of extensive air showers in the knee region of the primary cosmic ray spectrum. European Physical Journal Plus, 2020, 135, 1.	2.6	8
7	Scattering of ^1H -particles and ^3He on ^{16}O nuclei and its excitation mechanism at energies near 50 MeV. International Journal of Modern Physics E, 2017, 26, 1750018.	1.0	6
8	The rise of muon content in extensive air showers after the 3 PeV knee of the primary cosmic ray spectrum according to data of the Tien Shan mountain installation. Astroparticle Physics, 2021, 133, 102642.	4.3	5
9	Current state of the ATHLET set-up at the Tien Shan. Nuclear Physics, Section B, Proceedings Supplements, 2006, 151, 422-425.	0.4	4
10	Underground neutron events at Tien Shan. Journal of Physics: Conference Series, 2019, 1181, 012017.	0.4	4
11	Mechanism of the $^{11}\text{B}(\alpha, t)^{12}\text{C}$ reaction at an energy of 40 MeV, role of exchange processes and collective excitations. European Physical Journal A, 2019, 55, 1.	2.5	4
12	Geophysical Aspect of Cosmic Ray Studies at the Tien Shan Mountain Station: Monitoring of Radiation Background, Investigation of Atmospheric Electricity Phenomena in Thunderclouds, and the Search for the Earthquake Precursor Effects. Physics of Atomic Nuclei, 2021, 84, 1128-1136.	0.4	4
13	The first results obtained with the installation HORIZON-T. Journal of Physics: Conference Series, 2013, 409, 012127.	0.4	3
14	Multi-Component Study of Extensive Air Showers at the Tien Shan Mountain Station of LPI and Peculiarities of the Particles Flux Behavior in the Central Region of the (1-100) PeV EAS. Physics of Atomic Nuclei, 2021, 84, 919-928.	0.4	3
15	MODERN STATE OF THE ATHLET SETUP AT THE TIEN SHAN. International Journal of Modern Physics A, 2005, 20, 6778-6780.	1.5	1
16	Data collection system for a wide range of gas-discharge proportional neutron counters. Journal of Physics: Conference Series, 2017, 936, 012047.	0.4	1
17	Scattering of ^1H -particles by ^{11}B nuclei at an energy of 40 MeV and role of the exchange mechanism with transfer of ^7Li . International Journal of Modern Physics E, 2018, 27, 1850094.	1.0	1
18	Homemade computed tomography setup with FDK reconstruction software. Journal of Physics: Conference Series, 2019, 1391, 012086.	0.4	1

#	ARTICLE	IF	CITATIONS
19	THE PERSPECTIVE FLUNDAMENTAL COSMIC RAYS PHYSICS AND ASTROPHYSICS INVESTIGATIONS IN THE TIEN SHAN HIGH-MOUNTAIN SCIENTIFIC STATION. News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 2019, 6, 121-138.	0.2	1
20	Investigation of ((p,xp)) and ((p,xalpha)) Reactions of 30-MeV Protons with the (¹⁰³ Rh) Nucleus. Acta Physica Polonica B, 2020, 51, 783.	0.8	1
21	The Composition of Cosmic Rays in the Knee Area. Physics of Atomic Nuclei, 2021, 84, 907-914.	0.4	1
22	Cosmic rays intensity and atmosphere humidity at near earth surface. Journal of Physics: Conference Series, 2016, 738, 012103.	0.4	0
23	Development of an Automated System for the Determination of the Snow Water Equivalent and Soil Moisture by the Neutron Component of Cosmic Rays. Acta Physica Polonica B, 2020, 51, 887.	0.8	0