

Ergash M Tursunov

List of Publications by Year in descending order

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26
papers

368
citations

759233

12
h-index

794594

19
g-index

27
all docs

27
docs citations

27
times ranked

187
citing authors

#	ARTICLE	IF	CITATIONS
1	Peculiarity of the α Energy Spectrum in a 3α Model. Physics of Atomic Nuclei, 2022, 85, 160-166.	0.4	1
2	On the spectrum of the many-body Pauli projector. Pramana - Journal of Physics, 2021, 95, 1.	1.8	0
3	Astrophysical S-factor and rate of ^7Be decay into the ^7Li channel. International Journal of Modern Physics Conference Series, 2019, 49, 1960015.	2.9	7
4	Astrophysical S-Factor of the Direct α (d, γ) ^6Li Capture Reaction in a Three-Body Model. Springer Proceedings in Physics, 2020, , 119-123.	0.2	0
5	Influence of orthogonalization procedure on astrophysical S-factor for the direct $^1\pm + d \hat{\alpha}^6\text{Li} + ^1\pm$ capture process in a three-body model. International Journal of Modern Physics Conference Series, 2019, 49, 1960015.	0.7	3
6	$3\text{H}(\hat{1}\pm, \hat{1}^3)^7\text{Be}$ and $3\text{H}(\hat{1}\pm, \hat{1}^3)^7\text{Li}$ reaction rates and implication for Big Bang nucleosynthesis in the potential model. International Journal of Modern Physics Conference Series, 2019, 49, 1960014.	0.7	1
7	Updated three-body model of ^7Be and ^7Li reaction rates and implication for Big Bang nucleosynthesis in the potential model. International Journal of Modern Physics Conference Series, 2019, 49, 1960014.	2.9	3
8	Astrophysical ^7Be decay into the ^7Li channel. International Journal of Modern Physics Conference Series, 2019, 49, 1960015.	2.9	7
9	Astrophysical capture process in a three-body model. II. Reaction rates and primordial abundance. Physical Review C, 2018, 98, 034607.	2.9	21
10	Isospin-forbidden electric dipole capture and the $^1\pm + d \hat{\alpha}^6\text{Li} + ^1\pm$ reaction. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 085102.	3.6	27
11	Theoretical study of the $^1\pm + d \hat{\alpha}^6\text{Li} + ^1\pm$ capture process in a three-body model. Physical Review C, 2016, 94, 034607.	2.9	25
12	Theoretical analysis of the astrophysical S-factor for the capture reaction $^1\pm + d \hat{\alpha}^6\text{Li} + ^1\pm$ in the two-body model. Physics of Atomic Nuclei, 2015, 78, 193-200.	0.4	15
13	SPECTRUM OF THE EXCITED N^* AND $\hat{1}^{**}$ BARYONS IN A RELATIVISTIC CHIRAL QUARK MODEL. International Journal of Modern Physics Conference Series, 2014, 26, 1460118.	0.7	0
14	$\hat{1}^2$ delayed emission of a proton by a one-neutron halo nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 464-467.	4.1	23
15	THEORETICAL STUDY OF THE ^{11}Li DECAY INTO THE DEUTERON CHANNEL IN A CLUSTER MODEL. International Journal of Modern Physics E, 2011, 20, 803-806.	1.0	1
16	Unique decay process: $\hat{1}^2$ -delayed emission of a proton and a neutron by the ^{11}Li halo nucleus. Physical Review C, 2010, 82, .	2.9	3
17	Convergence of the self-energy in a relativistic chiral quark model: excited nucleon and $\hat{1}^*$ sector. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 105013.	3.6	1
18	A relativistic structure of one-meson and one-gluon exchange forces and a lower excitation spectrum of the nucleon and $\hat{1}^*$. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 095006.	3.6	4

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19	Gamma-delayed deuteron emission of the halo state. Nuclear Physics A, 2007, 793, 52-66.	1.5	5
20	Three-body continuum states on a Lagrange mesh. Nuclear Physics A, 2006, 765, 370-389.	1.5	79
21	Analysis of the ${}^6\text{He}$ decay into the ${}^4\text{He} + d$ continuum within a three-body model. Physical Review C, 2006, 73, .	2.9	30
22	${}^6\text{Li}$ decay of ${}^6\text{Li}$ into ${}^4\text{He}$ and a deuteron within a three-body model. Physical Review C, 2006, 74, .	2.9	14
23	Lower excitation spectrum of the nucleon and delta in a relativistic chiral quark model. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 617-629.	3.6	3
24	Comparative variational studies of 0^+ states in three-body models. Nuclear Physics A, 2003, 723, 365-374.	1.5	27
25	Variational calculations of the ${}^{12}\text{C}$ nucleus structure in a ${}^3\text{He}$ model using a deep potential with forbidden states. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 1381-1389.	3.6	18
26	Moscow-type NN potentials and three-nucleon bound states. Physical Review C, 1998, 57, 535-554.	2.9	33