

Ä°smail Boztosun

List of Publications by Year in descending order

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159
papers

3,012
citations

159585

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161
all docs

161
docs citations

161
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact analytical solutions to the Kratzer potential by the asymptotic iteration method. International Journal of Quantum Chemistry, 2007, 107, 540-544.	2.0	188
2	The NUMEN project: NUclear Matrix Elements for Neutrinoless double beta decay. European Physical Journal A, 2018, 54, 1.	2.5	146
3	Anyl-state solutions of the Hulth�n potential by the asymptotic iteration method. Journal of Physics A, 2006, 39, 11521-11529.	1.6	134
4	Arbitrary ell-state solutions of the rotating Morse potential by the asymptotic iteration method. Journal of Physics A, 2006, 39, 6955-6963.	1.6	123
5	� state solutions of the Dirac equation for the Eckart potential with pseudospin and spin symmetry. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 065308.	2.1	113
6	Asymptotic iteration method solutions to the relativistic Duffin-Kemmer-Petiau equation. Journal of Mathematical Physics, 2006, 47, 062301.	1.1	102
7	Bound state solutions of the Hulth�n potential by using the asymptotic iteration method. Physica Scripta, 2007, 76, 92-96.	2.5	86
8	Reexamination of the excited states of C . Physical Review C, 2007, 76, .	2.9	83
9	Exact analytical solution to the relativistic Klein-Gordon equation with noncentral equal scalar and vector potentials. Journal of Mathematical Physics, 2006, 47, 082302.	1.1	81
10	An approximate solution of Dirac-Hulth�n problem with pseudospin and spin symmetry for any � state. Journal of Mathematical Physics, 2007, 48, 082302.	1.1	75
11	The pseudospin symmetric solution of the Morse potential for any � state. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 11119-11127.	2.1	72
12	Analytical solutions of the Bohr Hamiltonian with the Morse potential. Physical Review C, 2008, 77, .	2.9	66
13	An analysis of the linear advection�diffusion equation using mesh-free and mesh-dependent methods. Engineering Analysis With Boundary Elements, 2002, 26, 889-895.	3.7	53
14	Solution of the radial Schr�dinger equation for the potential family using the asymptotic iteration method. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 537-544.	1.5	50
15	Distribution of natural and anthropogenic radionuclides in beach sand samples from Mediterranean Coast of Turkey. Radiation Physics and Chemistry, 2014, 103, 37-44.	2.8	49
16	Attenuation properties of radiation shielding materials such as granite and marble against �-ray energies between 80 and 1350 keV. Radiochimica Acta, 2017, 105, 851-863.	1.2	45
17	��double folding cluster potential description of the $C^{12}+Mg^{24}$ system. Physical Review C, 2006, 73, .	2.9	44
18	Electric quadrupole transitions of the Bohr Hamiltonian with the Morse potential. Physical Review C, 2011, 84, .	2.9	44

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19	Effect of nuclear deformation on $\lambda \pm$ -decay half-lives. Physical Review C, 2012, 85, .	2.9	44
20	Analytical solutions to the Hulth�n and the Morse potentials by using the asymptotic iteration method. Computational and Theoretical Chemistry, 2007, 802, 17-21.	1.5	42
21	Analysis of $^{20}\text{Ne} + ^{116}\text{Sn}$ system at 306 MeV. Physical Review C, 2019, 100, .	2.9	42
22	Effects of $\lambda \pm$ -cluster potentials for the $^{16}\text{O} + ^{116}\text{Sn}$ system at 306 MeV. Physical Review C, 2019, 100, .	2.9	37
23	First Measurement of the $^{116}\text{Sn}(\alpha, n)^{119}\text{Sn}$ Reaction at 15,5 MeV. Acta Physica Polonica B, 2018, 49, 275.	0.8	37
24	$^{8}\text{Be} + ^{8}\text{Be}$ decay of excited states in ^{16}O . Physical Review C, 2004, 70, .	2.9	36
25	$^{20}\text{Ne} + ^{76}\text{Ge}$ elastic and inelastic scattering at 306 MeV. Physical Review C, 2019, 100, .	2.9	36
26	New results in the analysis of $^{16}\text{O} + ^{28}\text{Si}$ elastic scattering by modifying the optical potential. Physical Review C, 2002, 66, .	2.9	34
27	Global optical potential for the elastic scattering of ^6He at low energies. Physical Review C, 2003, 68, .	2.9	34
28	The energy eigenvalues of the Kratzer potential in the presence of a magnetic field. European Physical Journal D, 2012, 66, 1.	1.3	34
29	Exact Solutions of Klein-Gordon Equation with Scalar and Vector Rosen-Morse-Type Potentials. Chinese Physics Letters, 2008, 25, 2754-2757.	3.3	31
30	Onset of nuclear structure effects in near-barrier elastic scattering of weakly bound nuclei: ^6He and ^7Li . Physical Review C, 2003, 68, .	2.9	31
31	Application of the asymptotic iteration method to the exponential cosine screened Coulomb potential. International Journal of Quantum Chemistry, 2007, 107, 1040-1045.	2.0	30
32	Initial State Interaction for the $^{20}\text{Ne} + ^{130}\text{Te}$ and $^{18}\text{O} + ^{116}\text{Sn}$ Systems at 15.3 A MeV from Elastic and Inelastic Scattering Measurements. Universe, 2021, 7, 58.	2.5	29
33	Microscopic few-body and Gaussian-shaped density distributions for the analysis of the ^6He exotic nucleus with different target nuclei. Nuclear Physics A, 2010, 848, 245-259.	1.5	27
34	Role of the cluster deformations in explaining the exotic decay half-lives. European Physical Journal A, 2012, 48, 1.	2.5	26
35	The NUMEN Heavy Ion Multidetector for a Complementary Approach to the Neutrinoless Double Beta Decay. Universe, 2020, 6, 129.	2.5	26
36	The relativistic treatment of spin-0 particles under the rotating Morse oscillator. Journal of Mathematical Physics, 2010, 51, 112301.	1.1	25

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37	Determination of gamma radioactivity levels and associated dose rates of soil samples of the Akkuyu/Mersin using high-resolution gamma-ray spectrometry. Radiation Protection Dosimetry, 2014, 158, 461-465.	0.8	25
38	A new coupling potential for the analysis of deformed light heavy-ion reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 518, 229-234.	4.1	24
39	THE ENERGY EIGENVALUES OF THE TWO DIMENSIONAL HYDROGEN ATOM IN A MAGNETIC FIELD. International Journal of Modern Physics E, 2006, 15, 1263-1271.	1.0	24
40	Analysis of the $^{12}\text{C}+^{12}\text{C}$ reaction using a new type of coupling potential. Physical Review C, 2001, 63, .	2.9	23
41	An Improvement of the Asymptotic Iteration Method for Exactly Solvable Eigenvalue Problems. Chinese Physics Letters, 2007, 24, 3028-3031.	3.3	22
42	Charge-state distributions of ^{20}Ne ions emerging from thin foils. Results in Physics, 2019, 13, 102191.	4.1	22
43	A COMPARATIVE STUDY OF THE $^{12}\text{C}+^{24}\text{Mg}$ SYSTEM WITH DEEP AND SHALLOW POTENTIALS. International Journal of Modern Physics E, 2005, 14, 663-673.	1.0	21
44	Influence of long-range effects on low-energy cross sections of He and He $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mi} \rangle X \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$: The lithium problem. Physical Review C, 2012, 85, .	2.9	21
45	The NUMEN Technical Design Report. International Journal of Modern Physics A, 2021, 36, .	1.5	21
46	Global examination of the $^{12}\text{C}+^{12}\text{C}$ reaction data at low and intermediate energies. Nuclear Physics A, 2006, 764, 160-180.	1.5	20
47	ACCURATE ITERATIVE AND PERTURBATIVE SOLUTIONS OF THE YUKAWA POTENTIAL. International Journal of Modern Physics E, 2006, 15, 1253-1262.	1.0	20
48	The relativistic Duffinâ€™Kemmerâ€™Petiau sextic oscillator. Physica Scripta, 2008, 78, 045010.	2.5	20
49	The results of the first photonuclear reaction performed in Turkey: the zinc example. Turkish Journal of Physics, 2014, 38, 1-9.	1.1	20
50	MICROSCOPIC POTENTIAL DESCRIPTION OF THE ELASTIC SCATTERING AND FUSION CROSS-SECTION DATA OF THE $^{12}\text{C}+^{24}\text{Mg}$ SYSTEM. International Journal of Modern Physics E, 2006, 15, 1317-1332.	1.0	19
51	Measurement of radioactivity levels and assessment of radioactivity hazards of soil samples in Karaman, Turkey. Radiation Protection Dosimetry, 2014, 162, 630-637.	0.8	19
52	Multielemental analysis of some soils in Karaman by PAA using a CLINAC. Applied Radiation and Isotopes, 2017, 122, 57-62.	1.5	19
53	Gamma-ray spectrometry for the self-attenuation correction factor of the sand samples from Antalya in Turkey. Journal of Radioanalytical and Nuclear Chemistry, 2014, 301, 103-108.	1.5	18
54	The NUMEN Project: An Update of the Facility Toward the Future Experimental Campaigns. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	18

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55	Excitation function measurements for $^{12}\text{C}+^{12}\text{C}$ in elastic scattering channels. <i>Physical Review C</i> , 2002, 66, .	2.9	17
56	Bohr Hamiltonian with a finite well for triaxial nuclei. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012, 39, 085112.	3.6	17
57	EXACT ANALYTICAL SOLUTION OF THE KLEIN-GORDON EQUATION FOR THE PIONIC ATOM BY ASYMPTOTIC ITERATION METHOD. <i>International Journal of Modern Physics E</i> , 2006, 15, 1243-1251.	1.0	16
58	Accurate iterative solution of the energy eigenvalues of a two-dimensional hydrogenic donor in a magnetic field of arbitrary strength. <i>Physica B: Condensed Matter</i> , 2007, 396, 150-154.	2.7	16
59	Determination of the Sr/Ca ratio of tooth samples by photoactivation analysis in Southern Turkey. <i>Radiochimica Acta</i> , 2018, 106, 759-768.	1.2	16
60	Analysis of the $^{12}\text{C}+^{24}\text{Mg}$ reaction using a new coupling potential. <i>Physical Review C</i> , 2001, 64, .	2.9	15
61	Low-lying dipole strength in the well-deformed nucleus ^{156}Gd . <i>Nuclear Physics A</i> , 2019, 987, 79-89.	1.5	15
62	$\text{Be}8+^{12}\text{C}(0_2^+)$ decay of excited states in ^{20}Ne . <i>Physical Review C</i> , 2005, 71, .	2.9	14
63	Microscopic double folding potential description of the $^6\text{He}+^{12}\text{C}$ reaction. <i>Physical Review C</i> , 2008, 77, .	2.9	14
64	Photonuclear reactions with zinc: A case for clinical linacs. <i>European Physical Journal Plus</i> , 2015, 130, 1.	2.6	14
65	Exact Solutions of Klein-Gordon Equation with Exponential Scalar and Vector Potentials. <i>International Journal of Theoretical Physics</i> , 2008, 47, 1612-1617.	1.2	13
66	Determination of activity concentration of natural and artificial radionuclides in sand samples from mediterranean coast of Antalya in Turkey. <i>Kerntechnik</i> , 2015, 80, 280-290.	0.2	13
67	HIGHER TWIST EFFECTS IN PROTON-PROTON COLLISIONS. <i>International Journal of Modern Physics E</i> , 2006, 15, 1209-1231.	1.0	12
68	Analytical Solution of the Schrödinger Equation for Makarov Potential with any Angular Momentum. <i>International Journal of Theoretical Physics</i> , 2008, 47, 3005-3014.	1.2	12
69	Effect of the velocity-dependent potentials on the energy eigenvalues of the Morse potential. <i>Open Physics</i> , 2012, 10, .	1.7	12
70	Gamow-Teller transitions in the $A=40$ isoquintet of relevance for neutrino captures in ^{40}Ar . <i>Physical Review C</i> , 2014, 89, .	2.9	12
71	Energy level and half-life determinations from photonuclear reaction on Ga target. <i>International Journal of Modern Physics E</i> , 2016, 25, 1650045.	1.0	11
72	Asymptotic iteration method solution of the energy spectrum of two-dimensional screened donor in a magnetic field. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 443-448.	2.7	10

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73	HIGHER TWIST EFFECTS IN PHOTON- γ -PHOTON COLLISIONS. International Journal of Modern Physics E, 2008, 17, 1041-1059.	1.0	10
74	PARAMETRIZED FORM OF THE DYNAMIC POLARIZATION POTENTIAL FOR THE ${}^6\text{He} + {}^{208}\text{Pb}$ INTERACTION. Modern Physics Letters A, 2013, 28, 1350112.	1.2	10
75	An Extended Analysis of the Elastic Scattering of ${}^6\text{Li}({}^6\text{He}, {}^6\text{He}){}^6\text{Li}$ system at 17.9 MeV. Few-Body Systems, 2014, 55, 203-209.	1.5	10
76	Using a clinical linac to determine the energy levels of ${}^{92m}\text{Nb}$ via the photonuclear reaction. Applied Radiation and Isotopes, 2016, 115, 97-99.	1.5	10
77	Inclusive spectra of (p, xp) and (p, xd) reactions on ${}^{90,92}\text{Zr}$ and ${}^{92}\text{Mo}$ nuclei at $E_p = 30.3$ MeV. Physical Review C, 2003, 67, .	2.9	9
78	COMPARATIVE STUDY OF THE MULTIQUADRIC AND THIN-PLATE SPLINE RADIAL BASIS FUNCTIONS FOR THE TRANSIENT-CONVECTIVE DIFFUSION PROBLEMS. International Journal of Modern Physics C, 2006, 17, 1151-1169.	1.7	9
79	Nuclear astrophysics with radioactive ions at FAIR. Journal of Physics: Conference Series, 2016, 665, 012044.	0.4	9
80	ARBITRARY α -STATE SOLUTION OF THE HELLMANN POTENTIAL. Journal of Theoretical and Computational Chemistry, 2007, 06, 893-903.	1.8	8
81	Comparison between natural radioactivity levels and geochemistry of some granitoids in western Turkey. Turkish Journal of Earth Sciences, 2016, 25, 242-255.	1.0	8
82	Determination of gamma-ray energies and half lives of platinum radio-isotopes by photon activation using a medical electron linear accelerator: a feasibility study. Journal of Radioanalytical and Nuclear Chemistry, 2016, 309, 79-83.	1.5	8
83	New measurements and reanalysis of ${}^{14}\text{N}$ elastic scattering on ${}^{10}\text{B}$ target *. Chinese Physics C, 2020, 44, 104103.	3.7	8
84	Global potential analysis of the ${}^{16}\text{O} + {}^{28}\text{Si}$ reaction using a new type of coupling potential. Physical Review C, 2002, 65, .	2.9	7
85	AN ALTERNATIVE ACCURATE SOLUTION OF THE EXPONENTIAL COSINE SCREENED COULOMB POTENTIAL. International Journal of Modern Physics C, 2007, 18, 1443-1451.	1.7	7
86	Effect of the Velocity-Dependent Potentials on the Bound State Energy Eigenvalues. Chinese Physics Letters, 2011, 28, 040304.	3.3	7
87	The examination of the ${}^{12}\text{C} + {}^{24}\text{Mg}$ elastic scattering around the Coulomb barrier. Physics of Atomic Nuclei, 2005, 68, 1153-1159.	0.4	6
88	AN INVESTIGATION OF THE ${}^{16}\text{O} + {}^{16}\text{O}$ ELASTIC SCATTERING BY USING ALPHA-ALPHA DOUBLE FOLDING POTENTIAL IN OPTICAL MODEL FORMALISM. Modern Physics Letters A, 2006, 21, 2217-2232.	1.2	6
89	Measuring decay of praseodymium isotopes activated by a clinical LINAC. Modern Physics Letters A, 2016, 31, 1650212.	1.2	6
90	Systematic investigation of light heavy-ion reactions. Physics of Atomic Nuclei, 2002, 65, 607-611.	0.4	5

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91	INVESTIGATION OF THE NEUTRALINO PAIR PRODUCTION AT LHC. International Journal of Modern Physics E, 2006, 15, 1183-1208.	1.0	5
92	Photon activation analysis of sand samples from Antalya in Turkey with a clinical electron linear accelerator. Radiochimica Acta, 2019, 107, 149-156.	1.2	5
93	Natural and artificial radionuclide activity concentrations and dose assessments of some medicinal plants in Balıkesir, Turkey. International Journal of Environmental Analytical Chemistry, 2023, 103, 9062-9080.	3.3	5
94	Failure of the standard coupled-channels method in describing inelastic reaction data: on the use of a new shape for the coupling potential. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1837-S1842.	3.6	4
95	Semiclassical description of the $6\text{He}+12\text{C}$ elastic scattering. Physics of Atomic Nuclei, 2011, 74, 13-18.	0.4	4
96	A study on the Fresnel diffraction of 6He by means of different microscopic density distributions. Physics of Atomic Nuclei, 2012, 75, 963-968.	0.4	4
97	Study of filling material of dental composites: an analytical approach using radio-activation. Radiochimica Acta, 2018, 106, 69-77.	1.2	4
98	On the Numerical Solution of Linear Advection-Diffusion Equation using Compactly Supported Radial Basis Functions. Lecture Notes in Computational Science and Engineering, 2003, , 63-73.	0.3	3
99	Inclusive cross-sections of (p, xp) and $(p, x\hat{1}\pm)$ reactions on ^{56}Fe at $E_p=29.9\text{MeV}$. Physical Review C, 2005, 72, .	2.9	3
100	EXAMINATION OF $V(r) = -\frac{Z}{r} + gr + \lambda r^2$ POTENTIAL IN THE PRESENCE OF MAGNETIC FIELD. International Journal of Modern Physics E, 2010, 19, 1349-1356.	1.0	3
101	A long sought result: Closed analytical solutions of the Bohr Hamiltonian with the Morse potential. Journal of Physics: Conference Series, 2010, 205, 012020.	0.4	3
102	Supersymmetric solution of Schrödinger equation by using the asymptotic iteration method. Annalen Der Physik, 2012, 524, 353-359.	2.4	3
103	Photonuclear reactions induced by a clinical linac. Journal of Physics: Conference Series, 2015, 590, 012024.	0.4	3
104	Energy Levels and Half-Lives of Gallium Isotopes Obtained by Photo-Nuclear Reaction. Journal of Physics: Conference Series, 2015, 590, 012051.	0.4	3
105	Determination of naturally occurring radionuclides in soil samples of Ayrancı, Turkey. Journal of Physics: Conference Series, 2015, 590, 012042.	0.4	3
106	Optical and Coupled-Channels Description of $^{20}\text{Ne}+^{16}\text{O}$ Elastic Scattering. Journal of Physics: Conference Series, 2015, 590, 012056.	0.4	3
107	Transition energy and half-life determinations of photonuclear reaction products of erbium nuclei. International Journal of Modern Physics E, 2016, 25, 1650107.	1.0	3
108	A study on the activity concentrations of ^{226}Ra , ^{232}Th , ^{40}K , ^{137}Cs and radiological risk assessments in soil samples from Seydisehir and Beysehir districts of Konya in Turkey. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 1017-1025.	1.5	3

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109	Role of the surface potential in explaining the $Li^{11} + ^{28}Si$ system. Physical Review C, 2014, 89, .	2.9	2
110	Preliminary results of Sr/Ca ratio study of teeth samples by photoactivation analysis. EPJ Web of Conferences, 2016, 128, 02001.	0.3	2
111	Photoneutron Flux Measurement via Neutron Activation Analysis in a Radiotherapy Bunker with an 18 MV Linear Accelerator. EPJ Web of Conferences, 2017, 153, 07006.	0.3	2
112	Determination of self-attenuation correction factor for lichen samples by using gamma-ray spectrometry. Kerntechnik, 2017, 82, 136-139.	0.2	2
113	Investigation of the coupling potential by means of S-matrix inversion. Physical Review C, 2002, 66, .	2.9	1
114	Examination of the $^{16}O + ^{28}Si$ system with microscopic and phenomenological potentials. Physics of Atomic Nuclei, 2007, 70, 290-299.	0.4	1
115	Phase shift analysis of the $^6He + ^{208}Pb$ and the $^6He + ^{197}Au$ systems. Open Physics, 2012, 10, .	1.7	1
116	Investigation of the Photo-activation Analysis on Concentrations of Various Materials. Journal of Physics: Conference Series, 2015, 590, 012053.	0.4	1
117	Dependence of activity concentration of natural and artificial radionuclides on depth in soil samples from Antalya in Turkey. Journal of Physics: Conference Series, 2015, 590, 012044.	0.4	1
118	Interaction of $^{14}N + ^{12}C$ nuclei: Case of $^{14}N + ^{12}C$ Elastic Scattering at 21.0 MeV. Journal of Physics: Conference Series, 2015, 590, 012055.	0.4	1
119	Radial sensitivity of the optical model potentials for $^4He + ^{120}Sn$ and $^6He + ^{120}Sn$. International Journal of Modern Physics E, 2016, 25, 1650071.	1.0	1
120	The nuclear matrix elements of $0\nu\beta\beta$ decay and the NUMEN project at INFN-LNS. Journal of Physics: Conference Series, 2016, 730, 012006.	0.4	1
121	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2017, , .	0.4	1
122	The nuclear matrix elements of $0\nu\beta\beta$ decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2018, 194, 02001.	0.3	1
123	Measuring nuclear reaction cross sections to extract information on neutrinoless double beta decay. Journal of Physics: Conference Series, 2018, 966, 012021.	0.4	1
124	Experimental challenges in the measurement of double charge exchange reactions within the NUMEN project. Journal of Physics: Conference Series, 2018, 1078, 012008.	0.4	1
125	Determination of the energy transitions and half-lives of Rubidium nuclei. Open Physics, 2018, 16, 63-68.	1.7	1
126	Feasibility of using ϵ -Off-The-Shelf clinical linac for soil multi-elemental instrumental photon activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 337-346.	1.5	1

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127	An Analysis of Elastic Scattering Angular Distributions of ^{17}F on a ^{208}Pb Target at Different Energies. <i>Few-Body Systems</i> , 2021, 62, 1.	1.5	1
128	Gamma spectrometry measurements of natural and artificial radioactivity of Saklıkent-Antalya and its correlation to quarries. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	1
129	Examination of the ^{12}C Reaction at ELAB=13 MeV by Using a Modified Optical Potential. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
130	The Bohr Hamiltonian Solution with the Morse Potential for the $^3\text{-unstable}$ and the Rotational Cases. , 2008, , .		0
131	Comparative Study of $^6\text{He}+^{12}\text{C}$ System by using Different Types of Nucleon Density Distributions. , 2008, , .		0
132	Mesh-Free Radial Basis Functions Method for the Accurate Numerical Solution of the Radial Schrödinger Equation: I-Bound States. , 2008, , .		0
133	The Simultaneous Investigation of the $^6\text{He}+^{12}\text{C}$ Reaction Observables Using Folding Potential. , 2008, , .		0
134	Kappa State Solutions of Dirac-Hulthén and Dirac-Eckart Problems with Pseudospin and Spin Symmetry. , 2008, , .		0
135	Invariant mass spectroscopy of halo nuclei. , 2008, , .		0
136	Collective excitations: from exotic nuclei to astrophysics. , 2008, , .		0
137	Electron positron pair production at RHIC and LHC. , 2008, , .		0
138	Old and New Magic Numbers. , 2008, , .		0
139	Stochastic Mean-Field Dynamics For Nuclear Collisions. , 2008, , .		0
140	RADIAL SENSITIVITY OF THE ELASTIC SCATTERING AROUND THE COULOMB BARRIER ENERGIES FOR WEAKLY-BOUND AND HALO NUCLEI. <i>Modern Physics Letters A</i> , 2012, 27, 1250118.	1.2	0
141	Qualitative Elemental Analyses of a Meteorite Sample Found in Turkey by Photo-activation Analysis Method. <i>Journal of Physics: Conference Series</i> , 2015, 590, 012054.	0.4	0
142	Photofission of ^{238}U Nuclei. <i>Journal of Physics: Conference Series</i> , 2015, 590, 012059.	0.4	0
143	Analysis of Elastic Scattering of $^8\text{He}+^{208}\text{Pb}$ System at around the Coulomb Barrier Energies. <i>Journal of Physics: Conference Series</i> , 2015, 590, 012058.	0.4	0
144	<i>Microtus guentheri</i> (Danford & Alston, 1880) (Rodentia: Cricetidae) as a biomonitor for radionuclides in Mersin Province of Turkey. <i>Turkish Journal of Zoology</i> , 2016, 40, 561-573.	0.9	0

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145	Post-stripper study for the (²⁰ Ne, ²⁰ O) double charge exchange reaction at zero degrees with the MAGNEX spectrometer. Journal of Physics: Conference Series, 2018, 1056, 012052.	0.4	0
146	Experimental challenges for the measurement of the ¹¹⁶ Cd(²⁰ Ne, ²⁰ O) ¹¹⁶ Sn double charge exchange reaction at 15 AMeV. Journal of Physics: Conference Series, 2018, 1023, 012006.	0.4	0
147	Data reduction for experimental measurements within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012010.	0.4	0
148	Experimental issues for the measurement of the double charge exchange reactions within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012011.	0.4	0
149	Heavy-ion particle identification for the transfer reaction channels for the system 18O + 116Sn under the NUMEN Project. Journal of Physics: Conference Series, 2018, 1056, 012015.	0.4	0
150	Recent results on heavy-ion induced reactions of interest for neutrinoless double beta decay at INFN-LNS. EPJ Web of Conferences, 2019, 223, 01009.	0.3	0
151	Using a clinical linac to determine the energies of gamma-ray transitions and half-lives of barium nuclei. Modern Physics Letters A, 2020, 35, 2050062.	1.2	0
152	Recent experimental activity on heavy-ion induced reactions within the NUMEN project. EPJ Web of Conferences, 2021, 252, 04001.	0.3	0
153	A theoretical analysis of the 6He + 9Be reaction: phenomenological and double folding model approximations. Bitlis Eren University Journal of Science and Technology, 2011, 1, 12-12.	0.8	0
154	Photoactivation Analysis of Mineral Trioxide Aggregate: Preliminary Results. Acta Physica Polonica A, 2017, 132, 869-871.	0.5	0
155	Measurement of Energy Transition and Half-Lives from Decay of In Isotopes. , 2018, , .		0
156	Orientation-Dependent Deformed Nuclear Potential for the α -Decay. Brazilian Journal of Physics, 2022, 52, 1.	1.4	0
157	Natural and artificial radioactivity levels of greenhouse soils and relations with soil properties. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 783.	1.5	0
158	Energy transitions and half-life determinations of ⁴⁷ Sc isotopes from photonuclear reaction on Ti target. International Journal of Modern Physics E, 0, , .	1.0	0
159	Numerical investigation of the resonance modes for the dielectric optical micro-spheres by using radial basis function method. International Journal of Modern Physics C, 0, , .	1.7	0