Mahmoud A Hassanain

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9899891/publications.pdf

Version: 2024-02-01

27	298	1040056	888059
papers	citations	9 h-index	17 g-index

28	28	28	94
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coupled Channels and Cluster Folding Analysis of the Elastic and Inelastic ¹²C+¹²C Scattering up to High Energies. Journal of the Physical Society of Japan, 2021, 90, 094201.	1.6	0
2	Analysis of elastic and inelastic scattering of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>20</mml:mn></mml:mmultiscripts></mml:math> on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>76</mml:mn></mml:mmultiscripts></mml:math> at 306 MeV. Physical Review C, 2021, 104, .	2.9	2
3	Near-threshold incoherent pion photoproduction on the deuteron with final-state interaction effects. Annals of Physics, 2019, 411, 167990.	2.8	5
4	Sensitivity of Beam-Target Polarized Response Functions in Elastic Electronâ€“Deuteron Scattering to Nucleon Structure and Modern N N Potentials. Moscow University Physics Bulletin (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617 T	0.4	0
5	Analysis of Elastic 16O + 40Ca Refractive Scattering at 214 MeV. Physics of Atomic Nuclei, 2019, 82, 615-622.	0.4	2
6	Microscopic spin-orbit potential for p +6He elastic scattering. International Journal of Modern Physics E, 2019, 28, 1950074.	1.0	2
7	Analysis of Alpha Scattering from Î±-Conjugate Nuclei. Journal of the Physical Society of Japan, 2019, 88, 024201.	1.6	9
8	Semimicroscopic analysis of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Li</mml:mi><mml:mprescripts /><mml:none /><mml:mn>6</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Si</mml:mi><mml:mprescripts /><mml:none /><mml:mn>28</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> elastic scattering at 76 to 318 MeV. Physical Review C, 2018, 97, .	2.9	8
9	Elastic and inelastic O16+C12 rainbow scattering within the coupled-channels mechanism. Physical Review C, 2018, 98, .	2.9	5
10	Investigation of 16O+12C refractive elastic scattering using the $alpha$ -cluster model potential. European Physical Journal A, 2016, 52, 1.	2.5	6
11	Study of the Elastic Scattering of 32S by 24Mg at Low Energies. Brazilian Journal of Physics, 2015, 45, 699-707.	1.4	0
12	Elastic and Inelastic Î±-Scatterings from 58Ni, 116Sn, and 208Pb Targets at 288, 340, 480, and 699ÂMeV. Brazilian Journal of Physics, 2015, 45, 673-686.	1.4	1
13	Cluster Folding and Coupled-Channels Analysis of 16Oâ€‰+â€‰16O Elastic and Inelastic Scattering. Brazilian Journal of Physics, 2014, 44, 895-902.	1.4	2
14	An investigation of Î±-nucleus elastic scattering. Physics of Atomic Nuclei, 2014, 77, 858-868.	0.4	9
15	Analysis ofO16+O16elastic and inelastic scattering using the optical model and the coupled-channels mechanism. Physical Review C, 2014, 90, .	2.9	2
16	Alpha-deuteron (triton) analysis of⁶⁽⁷⁾Li elastic scattering. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 075108.	3.6	17
17	Investigation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow /><mml:mn>16</mml:mn></mml:msup><mml:mi mathvariant="normal">O</mml:mi><mml:mspace width="0.16em" /><mml:mo>+</mml:mo><mml:msup><mml:mspace width="0.16em" /><mml:mn>16</mml:mn></mml:msup><mml:mi mathvariant="normal">O</mml:mi></mml:mrow></mml:math> elastic scattering using the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi>	2.9	17
18	Folding model description of reactions with exotic nuclei. Physics of Atomic Nuclei, 2012, 75, 969-972.	0.4	6

#	Article	IF	Citations
19	Analysis of 12C+12C Elastic and Inelastic Scatterings in the Framework of the Cluster Double Folding Model and Coupled-Channels Mechanism. Progress of Theoretical Physics, 2011, 126, 269-278.	2.0	9
20	AN INVESTIGATION OF Î±-PARTICLES ELASTIC SCATTERING ON ²⁴Mg AND ²⁸Si BY USING CLUSTER FOLDING MODEL. International Journal of Modern Physics E, 2011, 20, 1931-1946.	1.0	9
21	Microscopic Description of the Exotic Nuclei Reactions by Using Folding model Potentials. , 2011, , .		0
22	Double folding cluster potential forC12+C12elastic scattering. Physical Review C, 2008, 77, .	2.9	32
23	Folding model and coupled-channels analysis of 6,7 Li elastic and inelastic scattering. European Physical Journal A, 2004, 19, 231-236.	2.5	18
24	Folding model analysis of 6,7Li elastic scattering at 12.5â€“53 MeV/u. Nuclear Physics A, 2002, 697, 183-205.	1.5	27
25	Density-independent folding analysis of the Li elastic scattering at intermediate energies. Nuclear Physics A, 2000, 678, 39-75.	1.5	68
26	Identification of mouth part antigens of Fasciola gigantica and Toxocara vitulorum and its molecular targets recognized by homologous and heterologous adult anti-sera against adult. Journal of the Egyptian Society of Parasitology, 2000, 30, 855-69.	0.2	0
27	Biological control studies of soft and hard ticks in Egypt. Parasitology Research, 1997, 83, 209-213.	1.6	42