Jesus Lubian

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1309717/publications.pdf

Version: 2024-02-01

194	6,004	66343	91884
papers	citations	42	69
		h-index	g-index

196	196	196	814
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of breakup on the fusion ofLi6,Li7, andBe9with heavy nuclei. Physical Review C, 2004, 70, .	2.9	333
2	Recent developments in fusion and direct reactions with weakly bound nuclei. Physics Reports, 2015, 596, 1-86.	25.6	283
3	Dynamic effects of breakup on fusion reactions of weakly bound nuclei. Nuclear Physics A, 2009, 821, 51-71.	1.5	194
4	Disentangling static and dynamic effects of low breakup threshold in fusion reactions. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 015109.	3.6	157
5	The NUMEN project: NUclear Matrix Elements for Neutrinoless double beta decay. European Physical Journal A, 2018, 54, 1.	2.5	146
6	Comprehensive study of reaction mechanisms for theBe9+Sm144system at near- and sub-barrier energies. Physical Review C, 2006, 73, .	2.9	144
7	New manifestation of the dispersion relation: Breakup threshold anomaly. Physical Review C, 2006, 73, .	2.9	128
8	Uncertainties in the comparison of fusion and reaction cross sections of different systems involving weakly bound nuclei. Physical Review C, 2005, 71, .	2.9	127
9	Effect of the breakup on the fusion and elastic scattering of weakly bound projectiles onZn64. Physical Review C, 2005, 71, .	2.9	121
10	Influence of the6,7Libreakup process on the near barrier elastic scattering by heavy nuclei. Physical Review C, 1999, 59, 2103-2107.	2.9	115
11	Fusion, reaction and break-up cross sections of weakly bound projectiles on 64Zn. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 601, 20-26.	4.1	110
12	Fusion and elastic scattering of9Be+64Zn:A search of the breakup influence on these processes. Physical Review C, 2000, 61, .	2.9	107
13	Signatures of the Giant Pairing Vibration in the 14C and 15C atomic nuclei. Nature Communications, 2015, 6, 6743.	12.8	86
14	Effects of breakup couplings on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">B</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:mmultiscripts><mml:mrow><mml:mo>+</mml:mo></mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>58</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>elastic scatterin	2.9	84
15	Energy dependence of the optical potential of weakly and tightly bound nuclei as projectiles on a medium-mass target. Physical Review C, 2010, 81, .	2.9	77
16	An imaginary potential with universal normalization for dissipative processes in heavy-ion reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 670, 330-335.	4.1	75
17	Absence of the threshold anomaly in the elastic scattering of the weakly bound projectileLi7onAl27. Physical Review C, 2006, 73, .	2.9	73
18	Quantitative analysis of two-neutron correlations in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow		

#	Article	IF	Citations
19	Comparison between heavy-ion reaction and fusion processes for hundreds of systems. Nuclear Physics A, 2006, 764, 135-148.	1.5	72
20	Search for systematic behavior of incomplete-fusion probability and complete-fusion suppression induced by<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>9</mml:mn></mml:msup></mml:math>Be on different targets. Physical Review C, 2011, 84, .	2.9	72
21	Threshold anomaly with weakly bound projectiles: Elastic scattering ofBe9+Al27. Physical Review C, 2004, 70, .	2.9	70
22	Breakup threshold anomaly in the elastic scattering ofLi6onAl27. Physical Review C, 2007, 75, .	2.9	70
23	Fusion of stable weakly bound nuclei with27Aland64Zn. Physical Review C, 2002, 66, .	2.9	69
24	Fusion, reaction, and breakup cross sections ofBe9on a light mass target. Physical Review C, 2005, 71, .	2.9	68
25	Fusion, break-up and elastic scattering of weakly bound nuclei. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1669-S1673.	3.6	68
26	Microscopic cluster model for the description of new experimental results on the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none		

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37	Elastic scattering and total reaction cross sections for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">B</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Be</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>	2.9	47
38	Nuclear rainbow in the 16O+27AL system: The role of couplings at energies far above the barrier. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 426-429.	4.1	46
39	Consistent analysis of peripheral reaction channels and fusion for the 16,18O+58Ni systems. Nuclear Physics A, 2005, 748, 59-74.	1.5	45
40	Small suppression of the complete fusion of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><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>Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mn>96</mml:mn></mml:mmultiscripts></mml:math>system at near-barrier energies. Physical Review C, 2015, 91, .	2.9	45
41	Near- and subbarrier elastic and quasielastic scattering of the weakly boundLi6projectile onSm144. Physical Review C, 2009, 79, .	2.9	43
42	Complete and incomplete fusion in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Be</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>9</mml:mn></mml:mrow></mml:mmultiscripts></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>+</mml:mo><mml:mspace width="0.16em" /><mml:mmultiscripts><mml:mi mathvariant="normal">Ta</mml:mi><mml:mprescripts /><mml:none /><mml:mn>181</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> system at near-barrier energies	2.9	43
43	Near-barrier quasielastic scattering of the weakly bound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>20</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Cd</mml:mi><mml:mprescripts /><mml:none /><mml:mn>116</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> system at 306 MeV. Physical Review C, 2020, 102, .	2.9	42
44	Continuum-continuum coupling and polarization potentials for weakly bound systems. Physical Review C, 2009, 80, .	2.9	41
45	Comprehensive analysis of high-lying states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>18</mml:mn></mml:mmultiscripts></mml:math> populated with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mi>t</mml:mi><mml:mo>,</mml:mo></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>. Physical Review C, 2017,	2.9	41
46	Breakup coupling effects on near-barrier quasi-elastic scattering ofLi6,7onSm144. Physical Review C, 2009, 80, .	2.9	40
47	Nuclear and Coulomb breakup of the weakly bound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>6</mml:mn></mml:msup></mml:math>Li nucleus with targets in the range from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>A</mml:mi><mml:mo>=</mml:mo><mml:mn>59</mml:mn></mml:mrow></mml:math>to 209. Physical Review C, 2011, 83, .	2.9	40
48	Challenging measurement of the 16O+27Al elastic and inelastic angular distributions up to large angles. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 648, 46-51.	1.6	39
49	Complete and incomplete fusion of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn mathvariant="bold">9</mml:mn></mml:msup></mml:math>Be<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>+</mml:mo></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Be</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>9</mml:mn></mml:mrow></mml:mmultiscripts></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>+</mml:mo></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="norm	2.9	39
50	Reduction of fusion and reaction cross sections at near-barrier energies. Physical Review C, 2015, 92, .	2.9	36
51	Competition between direct and sequential two-neutron transfers in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>18</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> collision at 84 MeV. Physical Review C, 2016, 93, .	2.9	36
52	Low-lying inelastic channel couplings versus breakup effects on the fusion cross section. Physical Review C, 2001, 64, .	2.9	35
53	Near-barrier quasielastic scattering of the weakly bound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>20</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>76</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> elastic and inelastic scattering at 306 MeV. Physical Review C, 2019, 100, .	2.9	36
54	Low-lying inelastic channel couplings versus breakup effects on the fusion cross section. Physical Review C, 2001, 64, .	2.9	35

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55	Searching for a polarization potential in the breakup of8B. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 513-521.	3.6	35
56	Near-barrier fusion, breakup and scattering for the 9Be +144Sm system. Nuclear Physics A, 2009, 828, 233-252.	1.5	35
57	Study of the rainbow-like pattern in the elastic scattering of¹⁶O on²⁷Al atE_{lab.}= 100 MeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 105101.	3.6	35
58	Effect of the 18O nuclear density on the nuclear potentials of the 18O+58,60Ni systems. Nuclear Physics A, 2002, 707, 325-342.	1.5	34
59	Threshold anomaly in the elastic scattering of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">He</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi	2.9	34
60	Elastic scattering and total reaction cross sections for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:mmultiscripts><mml:mrow><mml:mo>+</mml:mo></mml:mrow><mml:mm mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>12</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>system. Physical	2.9	32
61	Sub-barrier fusion of two-neutron halo nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 320-323.	4.1	32
62	Effect of Coulomb breakup on the elastic cross section of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">B</mml:mi><mml:mrow /></mml:mrow><mml:mprescripts /><mml:none /><mml:mn>8</mml:mn></mml:mmultiscripts></mml:math>proton-halo projectile on a heavy,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Pb</mml:mi><mml:mprescripts	2.9	32
63	A Constrained Analysis of the 40Ca(18O,18F)40K Direct Charge Exchange Reaction Mechanism at 275 MeV. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	32
64	The Threshold Anomaly of weakly bound projectiles from recent elastic scattering measurements around the Coulomb barrier. Nuclear Physics A, 2010, 833, 156-171.	1.5	31
65	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">B</mml:mi><mml:mrow /></mml:mrow><mml:mprescripts /><mml:none /><mml:mn>8</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Al</mml:mi><mml:mprescripts /><mml:none /><mml:mn>27</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> scattering at low energies. Physical Review C, 2017, 95, .	2.9	31
66	The total reaction cross section of heavy-ion reactions induced by stable and unstable exotic beams: the low-energy regime. European Physical Journal A, 2020, 56, 1.	2.5	31
67	Analysis of two-proton transfer in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ca</mml:mi><mml:mprescripts /><mml:none		

#	Article	IF	Citations
73	One-proton transfer reaction for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>18</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Ti</mml:mi><mml:mprescripts /><mml:none /><mml:mn>48</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> system at 275 MeV. Physical Review C, 2021, 104, .	2.9	27
74	Quasi-elastic scattering in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi mathvariant="normal">Th</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>232</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>reaction. Physi	2.9	26
75	Total reaction cross-sections for light weakly bound systems. European Physical Journal A, 2010, 45, 23-28.	2.5	25
76	Interplay of the elastic and inelastic channels in the 16O+27Al scattering at Elab = 280 MeV. European Physical Journal A, 2016, 52, 1.	2.5	25
77	Complete fusion enhancement and suppression of weakly bound nuclei at near barrier energies. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 115103.	3.6	24
78	Coupling effects on the fusion of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><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>Sm</mml:mi><mml:mprescripts /><mml:none /><mml:mn>154</mml:mn></mml:mmultiscripts></mml:math>at energies slightly above the Coulomb barrier. Physical Review C, 2015, 92, .	2.9	24
79	Important role of projectile excitation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>16</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>60</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathv	2.9	24
80	Theory of complete and incomplete fusion of weakly bound systems. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135337.	4.1	24
81	Simultaneous optical model analysis of elastic scattering, fusion, and breakup for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Be</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>9</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi mathvariant="normal">Sm</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>144</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>system at near-b	2.9	23
82	Probing the 6,7Li nucleon densities through a new break-up process approach. Nuclear Physics A, 2010, 836, 1-10.	1.5	23
83	Elastic scattering, inelastic excitation, and neutron transfer for Li7+Sn120 at energies around the Coulomb barrier. Physical Review C, 2017, 95, .	2.9	23
84	Near-barrier quasielastic scattering as a sensitive tool to derive nuclear matter diffuseness. Physical Review C, 2011, 84, .	2.9	22
85	On the near-barrier fusion of the proton-halo 8B + 58Ni system. European Physical Journal A, 2013, 49, 1.	2.5	22
86	Detailed determination of the nuclear fusion radius by a simultaneous optical model calculation of elastic scattering and fusion cross sections in reactions involving weakly bound projectiles. Physical Review C, 2007, 76, .	2.9	21
87	Investigation of breakup effects on 6Li + 144Sm scattering by means of CDCC calculations. European Physical Journal A, 2010, 46, 285-289.	2.5	21
88	Investigation of the threshold anomaly in the near-barrier elastic scattering of 7Li on 116Sn. European Physical Journal A, 2011, 47, 1.	2.5	21
89	Analysis of the one-neutron transfer to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>16</mml:mn></mml:mmultiscripts><mml:mo>,</mml:mo><mml:mspace width="0.28em" /><mml:mmultiscripts><mml:mi mathvariant="normal">Si</mml:mi><mml:mprescripts /><mml:none /><mml:mn>28</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> , and <mml:math xmlns:mml="	2.9	21
90	Reaction dynamics of theO18+Ni58system: A wide-ranging test. Physical Review C, 2006, 73, .	2.9	20

#	Article	IF	Citations
91	Proton-coupled electron transfer in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Cd</mml:mi><mml:mprescripts /><mml:none		

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109	Reaction mechanisms of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>18</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Cu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>63</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> system at near-barrier energies. Physical Review C, 2018, 98, .	2.9	14
110	Insight into the reaction dynamics of proton drip-line nuclear system 17F+58Ni at near-barrier energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136045.	4.1	14
111	Complete and incomplete fusion of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Li</mml:mi><mml:mprescripts /><mml:none /><mml:mn>7</mml:mn></mml:mmultiscripts></mml:math> projectiles on heavy targets. Physical Review C, 2020, 102, .	2.9	14
112	Transfer coupling or neck formation effects on sub-barrier fusion. Physical Review C, 2010, 81, .	2.9	13
113	O18+Pd110: Measurements and realistic coupled-channel analysis in a transitional region. Physical Review C, 2006, 74, .	2.9	12
114	Breakup coupling effects on near-barrier inelastic scattering of the weakly bound 6Li projectile on a 144Sm target. Nuclear Physics A, 2012, 873, 17-27.	1.5	12
115	Fusion reactions in the Be9Â+ÂAu197 system above the Coulomb barrier. Physical Review C, 2019, 100, .	2.9	12
116	Strong coupling effect in the elastic scattering of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none /><mml:mn>10</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>58</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> system near barrier. Physical Review C, 2019, 100, .	2.9	12
117	Approximations in fusion and breakup reactions induced by radioactive beams. Nuclear Physics A, 2002, 703, 633-648.	1.5	11
118	Scaling laws for near-barrier Coulomb and nuclear breakup. Physical Review C, 2013, 88, .	2.9	11
119	Angular distribution of elastic scattering induced by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">F</mml:mi><mml:mprescripts /><mml:none /><mml:mn>17</mml:mn></mml:mmultiscripts></mml:math> on medium-mass target nuclei at energies near the Coulomb barrier. Physical Review C, 2018, 97, .	2.9	11
120	Elastic, inelastic scatterings and transfer reactions for 16,18O on 58Ni described by the SÃ£o Paulo potential. Brazilian Journal of Physics, 2005, 35, 909-911.	1.4	10
121	Limitation of double folding potentials to simulate the polarization in reactions involving halo nuclei. Nuclear Physics A, 2008, 806, 146-155.	1.5	10
122	Assessing the adequacy of the bare optical potential in near-barrier fusion calculation. European Physical Journal A, 2014, 50, 1.	2.5	10
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