Hye Young Lee

List of Publications by Year
in descending order

34	784	394421 19	501196 28
papers	citations	h-index	g-index

37	37	37	788
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measurement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>59</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>p</mml:mi><mml:none /><mml:mn>59</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><. Physical Review	2.9	3
2	Validation of neutron-induced reactions on natural carbon using an active target at neutron energies up to 22 MeV at LANSCE. Physical Review C, 2021, 104, .	2.9	8
3	Total kinetic energy and mass yields from the fast neutron-induced fission of $$^{239}hbox {Pu}$$. European Physical Journal A, 2020, 56, 1.	2.5	7
4	Nonstatistical fluctuations in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Cl</mml:mi><mml:mprescripts /><mml:none /><mml:mn>35</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>p</mml:mi><mml:mi mathvariant="normal">S</mml:mi><mml:mprescripts /><mml:none /><mml:mn>35</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> reaction cross section at fas	2.9	11
5	Isotopically resolved neutron total cross sections at intermediate energies. Physical Review C, 2020, 102, .	2.9	20
6	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Pu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>239</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>f</mml:mi><mml:mo stretchy="false">)</mml:mo></mml:mrow></mml:math> prompt fission neutron spectrum from 10 keV to 10 MeV induced by neutrons of energy 1â€“20 MeV. Physical Review C, 2019, 100, .	2.9	25
7	Total kinetic energy release in the fast-neutron-induced fission of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Np</mml:mi><mml:mprescripts /><mml:none /><mml:mn>237</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2020, 102,	2.9	10
8	Preequilibrium Asymmetries in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Pu</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>239</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>f</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock	7.8	22
9	Re Statistical neutron capture in the limit of low nuclear level density. Physical Review C, 2019, 99, .	2.9	0
10	Total prompt <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> -ray emission in fission of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">U</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>235</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> , <mml:math xm	2.9	32
11	Systematics of prompt<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-ray emission in fission. Physical Review C, 2013, 87, .	2.9	40
12	Development of Neutron Detector Arrays for Neutron-Induced Reaction Measurements. IEEE Transactions on Nuclear Science, 2013, 60, 879-884.	2.0	3
13	Promptγ-ray production in neutron-induced fission of239Pu. Physical Review C, 2013, 87, .	2.9	36
14	Precision measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msup><mml:mrow /><mml:mn>238</mml:mn></mml:msup><mml:mi mathvariant="bold">Pu</mml:mi></mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mo><mml: cross section. Physical Review C, 2013, 88, .	2.9	9
15	Systematics of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-optical potential via elastic scattering near the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Z</mml:mi><mml:mo>=</mml:mo><mml:mn>50</mml:mn></mml:mrow></mml:math>region for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi> </mml:math> process nuclei. Physical Review C, 2012, 85, .	2.9	17
16	Neutron-induced<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>235</mml:mn></mml:msup></mml:math>U fission spectrum measurements using liquid organic scintillation detectors. Physical Review C, 2012, 86, .	2.9	13
17	Two detector arrays for fast neutrons at LANSCE. Journal of Instrumentation, 2012, 7, C03028-C03028.	1.2	14
18	First measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>33</mml:mn></mml:msup></mml:math>Cl(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (xmlns:mml="http://w xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:	2.9	19

#	Article	IF	Citations
19	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="bold">C</mml:mi><mml:mprescripts /><mml:none /><mml:mn>15</mml:mn></mml:mmultiscripts><mml:mo stretchy="false">(</mml:mo><mml:mi>d</mml:mi><mml:mo>,</mml:mo><mml:mi>p</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /O	7.8	31
20	First Experiment with HELIOS: The Structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="bold">B</mml:mi><mml:mprescripts /><mml:none /><mml:mn>13</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2010, 104, 132501.	7.8	36
21	Fusion hindrance forAl27+Sc45and other systems with a positiveQvalue. Physical Review C, 2010, 81, .	2.9	28
22	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>16</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10	2.9	20
23	Experimental study of 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>11</mml:mn><mml:mo>,</mml:mo><mml:mn>12</mml:mn></mml:mrow></mml:mmultiscripts></mml:ma	2.9	27
24	Cross-section measurement of theF18(Î±,p)Ne21reaction and possible implication for neutron production in explosive helium burning. Physical Review C, 2009, 80, .	2.9	3
25	Measurements of proton-induced reaction cross sections onTe120for the astrophysicalpprocess. Physical Review C, 2009, 80, .	2.9	17
26	Measurement of the decay branching ratios of theÎ±-unbound states inNe19and theO15(Î±,Î³)reaction rate. Physical Review C, 2009, 79, .	2.9	22
27	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>24</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq1 1 0.784314 rgBT /O	2.9	17
28	Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">F</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>19</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10	2.9	21
29	Thermonuclear rate for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">F</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>19</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq1 1 0.784314 rgBT /O	2.9	23
30	Fusion hindrance for a positiveQ-value system. Physical Review C, 2008, 78, .	2.9	49
31	The Impact of the¹⁸F(Î±,p)²¹Ne Reaction on Asymptotic Giant Branch Nucleosynthesis. Astrophysical Journal, 2008, 676, 1254-1261.	4.5	27
32	AstrophysicalSfactor for Î±-capture onSn112in thep-process energy range. Physical Review C, 2007, 75, .	2.9	53
33	Î±-induced cross sections ofCd106for the astrophysicalpprocess. Physical Review C, 2006, 74, .	2.9	74
34	Lifetime of the astrophysically important 4.03-MeV state inNe19. Physical Review C, 2005, 72, .	2.9	29