

# Hye Young Lee

## List of Publications by Year in descending order

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34  
papers

784  
citations

394421

19  
h-index

501196

28  
g-index

37  
all docs

37  
docs citations

37  
times ranked

788  
citing authors

#	ARTICLE	IF	CITATIONS
1	$\hat{I}\pm$ -induced cross sections of Cd106 for the astrophysical process. Physical Review C, 2006, 74, .	2.9	74
2	Astrophysical S factor for $\hat{I}\pm$ -capture on Sn112 in the p-process energy range. Physical Review C, 2007, 75, .	2.9	53
3	Fusion hindrance for a positive Q-value system. Physical Review C, 2008, 78, .	2.9	49
4	Systematics of prompt $\hat{I}^3$ -ray emission in fission. Physical Review C, 2013, 87, .	2.9	40
5	First Experiment with HELIOS: The Structure of $B$ $\hat{I}^3$ -ray emission in fission. Physical Review Letters, 2010, 104, 132501.	7.8	36
6	Prompt $\hat{I}^3$ -ray production in neutron-induced fission of $^{239}\text{Pu}$ . Physical Review C, 2013, 87, .	2.9	36
7	Total prompt $\hat{I}^3$ -ray emission in fission of $^{239}\text{Pu}$ . Physical Review C, 2013, 87, .	2.9	32
8	Experimental study of the $B$ $\hat{I}^3$ -ray emission in fission of $^{239}\text{Pu}$ . Physical Review C, 2013, 87, .	2.9	29
9	Lifetime of the astrophysically important 4.03-MeV state in $^{19}\text{Ne}$ . Physical Review C, 2005, 72, .	2.9	28
10	Fusion hindrance for $\text{Al}^{27} + \text{Sc}^{45}$ and other systems with a positive Q value. Physical Review C, 2010, 81, .	2.9	27
11	The Impact of the $^{18}\text{F}(\hat{I}\pm, \text{p})^{21}\text{Ne}$ Reaction on Asymptotic Giant Branch Nucleosynthesis. Astrophysical Journal, 2008, 676, 1254-1261.	4.5	27
12	Experimental study of the $B$ $\hat{I}^3$ -ray emission in fission of $^{239}\text{Pu}$ . Physical Review C, 2013, 87, .	2.9	27
13	Measurement of the $\hat{I}^3$ -ray emission in fission of $^{239}\text{Pu}$ . Physical Review C, 2013, 87, .	2.9	25
14	Thermal nuclear rate for the $^{19}\text{Ne}(\hat{I}\pm, \text{p})^{20}\text{Ne}$ reaction. Physical Review C, 2009, 79, .	2.9	23
15	Measurement of the decay branching ratios of the $\hat{I}\pm$ -unbound states in $^{19}\text{Ne}$ and the $^{15}\text{O}(\hat{I}\pm, \hat{I}^3)$ reaction rate. Physical Review C, 2009, 79, .	2.9	22
16	Pre-equilibrium Asymmetries in the $^{19}\text{Ne}(\hat{I}\pm, \text{p})^{20}\text{Ne}$ Reaction. Physical Review C, 2009, 79, .	7.8	22
17	Measurement of the $\hat{I}^3$ -ray emission in fission of $^{239}\text{Pu}$ . Physical Review C, 2013, 87, .	2.9	21
18	Measurement of the $\hat{I}^3$ -ray emission in fission of $^{239}\text{Pu}$ . Physical Review C, 2013, 87, .	2.9	20

#	ARTICLE	IF	CITATIONS
19	Isotopically resolved neutron total cross sections at intermediate energies. Physical Review C, 2020, 102, 014601. First measurement of the $\sigma_{\text{total}}(\text{Cl})$ at $E_n = 0.0$ to $10.7$ MeV. Physical Review C, 2020, 102, 014601.	2.9	20
20	Systematic study of the $\sigma_{\text{total}}(\text{Mg})$ at $E_n = 0.0$ to $10.7$ MeV. Physical Review C, 2020, 102, 014602.	2.9	19
21	Systematic study of the $\sigma_{\text{total}}(\text{Mg})$ at $E_n = 0.0$ to $10.7$ MeV. Physical Review C, 2020, 102, 014602.	2.9	17
22	Measurements of proton-induced reaction cross sections on $^{120}\text{Te}$ for the astrophysical $p$ -process. Physical Review C, 2009, 80, 014601.	2.9	17
23	Systematic study of the $\sigma_{\text{total}}(\text{Mg})$ at $E_n = 0.0$ to $10.7$ MeV. Physical Review C, 2020, 102, 014602.	2.9	17
24	Two detector arrays for fast neutrons at LANSCE. Journal of Instrumentation, 2012, 7, C03028-C03028.	1.2	14
25	Neutron-induced $^{235}\text{U}$ fission nonstatistical fluctuations in the $\text{Cl}$ scintillation detectors. Physical Review C, 2012, 86, 014601.	2.9	13
26	Neutron-induced $^{235}\text{U}$ fission nonstatistical fluctuations in the $\text{Cl}$ scintillation detectors. Physical Review C, 2012, 86, 014601.	2.9	13
27	Total kinetic energy release in the fast-neutron-induced fission of $^{239}\text{Pu}$ . Physical Review C, 2020, 102, 014601.	2.9	10
28	Precision measurement of the $^{239}\text{Pu}$ fission cross section. Physical Review C, 2013, 88, 014601.	2.9	9
29	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, 014601.	2.9	8
30	Total kinetic energy and mass yields from the fast neutron-induced fission of $^{239}\text{Pu}$ . European Physical Journal A, 2020, 56, 1.	2.5	7
31	Cross-section measurement of the $^{18}\text{F}(\text{p},\text{n})^{18}\text{O}$ reaction and possible implication for neutron production in explosive helium burning. Physical Review C, 2009, 80, 014601.	2.9	3
32	Development of Neutron Detector Arrays for Neutron-Induced Reaction Measurements. IEEE Transactions on Nuclear Science, 2013, 60, 879-884.	2.0	3
33	Development of Neutron Detector Arrays for Neutron-Induced Reaction Measurements. IEEE Transactions on Nuclear Science, 2013, 60, 879-884.	2.0	3
34	Statistical neutron capture in the limit of low nuclear level density. Physical Review C, 2019, 99, 014601.	2.9	0