Mb Chadwick

List of Publications by Year
in descending order

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33	7,129	394421	414414
papers	citations	19 h-index	32 g-index

35	35	35	3916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ENDF/B-VII.1 Nuclear Data for Science and Technology: Cross Sections, Covariances, Fission Product Yields and Decay Data. Nuclear Data Sheets, 2011, 112, 2887-2996.	2.2	2,100
2	ENDF/B-VII.0: Next Generation Evaluated Nuclear Data Library for Nuclear Science and Technology. Nuclear Data Sheets, 2006, 107, 2931-3060.	2.2	1,766
3	ENDF/B-VIII.0: The 8 th Major Release of the Nuclear Reaction Data Library with CIELO-project Cross Sections, New Standards and Thermal Scattering Data. Nuclear Data Sheets, 2018, 148, 1-142.	2.2	1,324
4	RIPL â€“ Reference Input Parameter Library for Calculation of Nuclear Reactions and Nuclear Data Evaluations. Nuclear Data Sheets, 2009, 110, 3107-3214.	2.2	1,119
5	Updated NIEL calculations for estimating the damage induced by particles and Î³-rays in Si and GaAs. Radiation Physics and Chemistry, 2001, 62, 301-310.	2.8	104
6	CIELO Collaboration Summary Results: International Evaluations of Neutron Reactions on Uranium, Plutonium, Iron, Oxygen and Hydrogen. Nuclear Data Sheets, 2018, 148, 189-213.	2.2	73
7	The Feshbach-Kerman-Koonin multistep compound reaction theory. Physics Reports, 1991, 202, 171-231.	25.6	56
8	ENDF/B-VII.1 Neutron Cross Section Data Testing with Critical Assembly Benchmarks and Reactor Experiments. Nuclear Data Sheets, 2011, 112, 2997-3036.	2.2	47
9	Experimental and computer simulation study of the radionuclides produced in thin 209Bi targets by 130 MeV and 1.5 GeV proton-induced reactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 414, 73-99.	1.6	44
10	Fission Product Data Measured at Los Alamos for Fission Spectrum and Thermal Neutrons on 239Pu, 235U, 238U. Nuclear Data Sheets, 2010, 111, 2891-2922.	2.2	44
11	Neutron emission cross sections on 184W at 11.5 and 26 MeV and the neutron-nucleus scattering mechanism. Nuclear Physics A, 1989, 501, 1-17.	1.5	42
12	Use of new ENDF/B-VI proton and neutron cross sections for single event upset calculations. IEEE Transactions on Nuclear Science, 1999, 46, 1386-1394.	2.0	40
13	Fission Product Yields from Fission Spectrum n+239Pu for ENDF/B-VII.1. Nuclear Data Sheets, 2010, 111, 2923-2964.	2.2	34
14	Neutron emission cross sections at low bombarding energies and the novelty in multistep compound reaction model. Nuclear Physics A, 1993, 561, 387-415.	1.5	29
15	Evaluation of Neutron Reactions for ENDF/B-VII: 232â€“241U and 239Pu. Nuclear Data Sheets, 2007, 108, 2589-2654.	2.2	27
16	Fission Product Yields for 14 MeV Neutrons on 235U, 238U and 239Pu. Nuclear Data Sheets, 2011, 112, 3135-3152.	2.2	24
17	Quantification of Uncertainties for Evaluated Neutron-Induced Reactions on Actinides in the Fast Energy Range. Nuclear Data Sheets, 2011, 112, 3054-3074.	2.2	21
18	Statistical and evaporation models for the neutron emission energy spectrum in the center-of-mass system from fission fragments. Nuclear Physics A, 2013, 913, 51-70.	1.5	20

#	ARTICLE	IF	CITATIONS
19	Evaluated Iridium, Yttrium, and Thulium Cross Sections and Integral Validation Against Critical Assembly and Bethe Sphere Measurements. Nuclear Data Sheets, 2007, 108, 2716-2741.	2.2	19
20	Nuclear data for accelerator-driven systems. Progress in Nuclear Energy, 2001, 38, 179-219.	2.9	16
21	Evaluation of the Prompt Fission Gamma Properties for Neutron Induced Fission of 235,238U and 239Pu. Nuclear Data Sheets, 2020, 163, 261-279.	2.2	13
22	Yttrium ENDF/B-VII Data from Theory and LANSCE/GEANIE Measurements and Covariances Estimated using Bayesian and Monte-Carlo Methods. Nuclear Data Sheets, 2007, 108, 2742-2755.	2.2	11
23	Evaluation of Covariances for Actinides and Light Elements at LANL. Nuclear Data Sheets, 2008, 109, 2817-2821.	2.2	10
24	Nuclear model calculations of activation cross sections for fusion reactor technology. Fusion Engineering and Design, 1997, 37, 79-88.	1.9	6
25	Comparison of Results from Recent NNSA and CEA Measurements of the 239Pu(n, f) Prompt Fission Neutron Spectrum. Nuclear Data Sheets, 2021, 173, 42-53.	2.2	6
26	The CIELO collaboration: Progress in international evaluations of neutron reactions on Oxygen, Iron, Uranium and Plutonium. EPJ Web of Conferences, 2017, 146, 02001.	0.3	5
27	Fission Yields and Other Diagnostics for Nuclear Performance. Nuclear Data Sheets, 2014, 120, 297-307.	2.2	4
28	Infrastructure for the new paradigm of nuclear reaction evaluation. Annals of Nuclear Energy, 2021, 163, 108494.	1.8	4
29	Working Party on International Nuclear Data Evaluation Cooperation (WPEC). Nuclear Data Sheets, 2014, 120, 264-267.	2.2	2
30	New paradigm for nuclear data evaluation. EPJ Web of Conferences, 2020, 239, 11001.	0.3	2
31	Truth and the Cosmos: After-dinner Talk at the International Workshop on Nuclear Data Covariances. Nuclear Data Sheets, 2015, 123, xiii-xvi.	2.2	1
32	IMPROVED EVALUATIONS OF NEUTRON-INDUCED REACTIONS ON AMERICIUM ISOTOPES. , 2006, , .		1
33	A Re-Analysis of Historical Los Alamos Critical Assembly Reaction Rate Measurements. EPJ Web of Conferences, 2016, 106, 04007.	0.3	0