Alf GÃ¶Ã¶k

List of Publications by Year
in descending order

49 papers	541 citations	687363 13 h-index	642732 23 g-index
50 all docs	50 docs citations	50 times ranked	362 citing authors

#	Article	IF	Citations
1	Prompt neutron multiplicity in correlation with fragments from spontaneous fission of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Cf</mml:mi><mml:mprescripts /><mml:none	2.9	83
2	Improved values for the characteristics of prompt-fission<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-ray spectra from the reaction<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow		

#	Article	IF	Citations
19	Compton transmission polarimeter for a very precise polarization measurement within a wide range of electron currents. Journal of Physics: Conference Series, 2011, 298, 012022.	0.4	5
20	Prompt Fission Neutron Experiments on 235U(n,f) and 252Cf(SF). Physics Procedia, 2015, 64, 190-196.	1.2	5
21	Prompt neutron emission and energy balance in 235U(n,f). EPJ Web of Conferences, 2017, 146, 04007.	0.3	5
22	Prompt fission gamma-ray emission spectral data for 239Pu(n,f) using fast directional neutrons from the LICORNE neutron source. EPJ Web of Conferences, 2018, 169, 00018.	0.3	5
23	The new double energy-velocity spectrometer VERDI. EPJ Web of Conferences, 2017, 146, 04016.	0.3	4
24	The impact of neutron emission on correlated fission data from the 2E-2v method. European Physical Journal A, 2018, 54, 1.	2.5	4
25	Reactions with polarized electrons and photons at low momentum transfers at the superconducting Darmstadt electron linear accelerator Sâ€“DALINAC. Journal of Physics: Conference Series, 2011, 295, 012152.	0.4	3
26	Prompt fissionÎ³-ray characteristics from neutron-induced fission on ²³⁹Pu and the time-dependence of prompt-Î³ray emission. EPJ Web of Conferences, 2018, 169, 00003.	0.3	3
27	Prompt gamma rays from ²⁵²Cf(sf) and their angular distributions. EPJ Web of Conferences, 2018, 169, 00014.	0.3	3
28	Target preparation for neutron-induced reaction measurements. EPJ Web of Conferences, 2020, 229, 04003.	0.3	3
29	Analysis of prompt fission neutrons in235U(nth,f) and fission fragment distributions for the thermal neutron induced fission of234U. EPJ Web of Conferences, 2016, 122, 01007.	0.3	3
30	Feasibility Study for an Active 238UF6 Gas Target for Photo-Fission Experiments. Physics Procedia, 2012, 37, 549-553.	1.2	2
31	Investigating Prompt Fission Neutron Emission from235U(n,f) in the Resolved Resonance Region. EPJ Web of Conferences, 2016, 111, 05001.	0.3	2
32	Absolute and relative cross section measurements of237Np(n,f) and238U(n,f) at the National Physical Laboratory. EPJ Web of Conferences, 2017, 146, 04050.	0.3	2
33	Studying fission neutrons with 2E-2v and 2E. EPJ Web of Conferences, 2018, 169, 00002.	0.3	2
34	Neutron Multiplicity Correlations with Fission Fragment Mass and Energy from 239Pu(n,f). EPJ Web of Conferences, 2020, 239, 05009.	0.3	2
35	Development of an Active 238UF6 Gas Target. Physics Procedia, 2012, 31, 141-146.	1.2	1
36	Prompt fission neutron emission: Problems and challenges. EPJ Web of Conferences, 2013, 62, 02001.	0.3	1

#	ARTICLE	IF	CITATIONS
37	Photofission Fragment Characteristics of 234,238U and 232Th in the Barrier Region. Physics Procedia, 2014, 59, 42-47.	1.2	1
38	Neutron-induced Fission Cross Section of 240,242Pu. Physics Procedia, 2015, 64, 177-182.	1.2	1
39	Fission cross-sections, prompt fission neutron and Î³-ray emission in request for nuclear applications. EPJ Web of Conferences, 2016, 122, 01005.	0.3	1
40	Photo-fission at the S-DALINAC. , 2009, , .		0
41	Fragment properties from fission of actinide nuclei induced by 6â€“10 MeV bremsstrahlungI. Physics Procedia, 2012, 31, 165-170.	1.2	0
42	Recent developments for an active UF6gas target for photon-induced fission experiments. EPJ Web of Conferences, 2013, 62, 05001.	0.3	0
43	High precision measurements on fission-fragment de-excitation. Radiation Physics and Chemistry, 2017, 140, 458-462.	2.8	0
44	Prompt fissionÎ³-ray data from spontaneous fission and the mechanism of fission-fragment de-excitation. EPJ Web of Conferences, 2017, 146, 04060.	0.3	0
45	Neutron-multiplicity experiments for enhanced fission modelling. EPJ Web of Conferences, 2017, 146, 04056.	0.3	0
46	New prompt fission gamma-ray spectral data from 239Pu(nth, f) in response to a high priority request from OECD Nuclear Energy Agency. EPJ Web of Conferences, 2017, 146, 04020.	0.3	0
47	Tests of ionization chambers for future photofission experiments. EPJ Web of Conferences, 2018, 193, 04006.	0.3	0
48	Absolute cross section measurements of 238U(n,f) and 237Np(n,f) in the neutron energy range 1-2.4 MeV. EPJ Web of Conferences, 2019, 211, 03009.	0.3	0
49	Performance of a twin position-sensitive Frisch-grid ionization chamber for photofission experiments. EPJ Web of Conferences, 2020, 239, 05011.	0.3	0