

MarÃ-a Dolores JordÃ;n

List of Publications by Year in descending order

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35
papers

627
citations

687363

13
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

553
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of a cylindrical plastic I^{125} -detector with Monte Carlo simulations of optical photons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 854, 134-138.	2.9	35
2	Study of the β Decay of Fission Products with the DTAS Detector. Acta Physica Polonica B, 2017, 48, 529.	0.8	5
3	Total Absorption Spectroscopy of Fission Fragments Relevant for Reactor Antineutrino Spectra and Decay Heat Calculations. EPJ Web of Conferences, 2016, 111, 08006.	0.3	0
4	Measurement of very low (I, n) cross sections of astrophysical interest. Journal of Physics: Conference Series, 2016, 665, 012031.	0.4	1
5	First experiment with the NUSTAR/FAIR Decay Total Absorption I^{137} -Ray Spectrometer (DTAS) at the IGISOL IV facility. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 334-337.	1.4	21
6	An event generator for simulations of complex I^{125} -decay experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 828, 52-57.	1.6	6
7	Characterization of a neutron β -counting system with beta-delayed neutron emitters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 807, 69-78.	1.6	38
8	Total Absorption Spectroscopy of Fission Fragments Relevant for Reactor Antineutrino Spectra Determination. Acta Physica Polonica B, 2016, 47, 755.	0.8	1
9	Shapes of Pb^{192} and Pb^{190} states from I^{137} -decay studies	7.8	68
10	Enhanced I^{137} -Ray Emission from Neutron Unbound States Populated in I^{125} -Decay. Physical Review Letters, 2015, 115, 062502.	7.8	37
11	The sensitivity of $\text{LaBr}_3:\text{Ce}$ scintillation detectors to low energy neutrons: Measurement and Monte Carlo simulation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 774, 17-24.	1.6	20
12	Gamma/neutron competition above the neutron separation energy in delayed neutron emitters. EPJ Web of Conferences, 2014, 66, 02002.	0.3	3
13	Results of fission products I^{125} decay properties measurement performed with a total absorption spectrometer. EPJ Web of Conferences, 2014, 66, 10019.	0.3	2
14	Decay heat studies for nuclear energy. Hyperfine Interactions, 2014, 223, 245-252.	0.5	5
15	New Beta-delayed Neutron Measurements in the Light-mass Fission Group. Nuclear Data Sheets, 2014, 120, 74-77.	2.2	15
16	Contribution of Recently Measured Nuclear Data to Reactor Antineutrino Energy Spectra Predictions. Nuclear Data Sheets, 2014, 120, 149-152.	2.2	5

#	ARTICLE	IF	CITATIONS
19	MONSTER: a TOF Spectrometer for \hat{I}^2 -delayed Neutron Spectroscopy. Nuclear Data Sheets, 2014, 120, 78-80.	2.2	10
20	Total Absorption Study of Beta Decays Relevant for Nuclear Applications and Nuclear Structure. Nuclear Data Sheets, 2014, 120, 12-15.	2.2	9
21	Measurement of the neutron background at the Canfranc Underground Laboratory LSC. Astroparticle Physics, 2013, 42, 1-6.	4.3	31
22	Total absorption study of the \hat{I}^2 decay of ^{239}Pu . Physical Review C, 2013, 87, .	2.9	36
23	Measurement of fission products \hat{I}^2 decay properties using a total absorption spectrometer. EPJ Web of Conferences, 2013, 62, 01007.	0.3	0
24	Total absorption \hat{I}^3 -ray spectroscopy of beta delayed neutron emitters. , 2013, , .		0
25	Contribution of recently measured nuclear data to reactor antineutrino energy spectra predictions. EPJ Web of Conferences, 2013, 62, 07007.	0.3	0
26	A triggerless digital data acquisition system for nuclear decay experiments. , 2013, , .		2
27	New Antineutrino Energy Spectra Predictions from the Summation of Beta Decay Branches of the Fission Products. Physical Review Letters, 2012, 109, 202504.	7.8	112
28	Monte Carlo simulation of the n_TOF Total Absorption Calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 671, 108-117.	1.6	21
29	TAS measurements for reactor physics and nuclear structure. , 2011, , .		0
30	Improvements on Decay Heat Summation Calculations by Means of Total Absorption Gamma-ray Spectroscopy Measurements. Journal of the Korean Physical Society, 2011, 59, 1479-1482.	0.7	2
31	Beta Decay Studies of Neutron Rich Nuclei Using Total Absorption Gamma-ray Spectroscopy and Delayed Neutron Measurements. Journal of the Korean Physical Society, 2011, 59, 1499-1502.	0.7	6
32	Impact of TAGS Measurement on FP Decay Data and Decay Heat Calculations. Journal of the Korean Physical Society, 2011, 59, 1543-1546.	0.7	4
33	Reactor Decay Heat in ^{239}Pu : Solving the \hat{I}^3 Discrepancy in the 4 \hat{I}^3 -3000-s Cooling Period. Physical Review Letters, 2010, 105, 202501.	7.8	107
34	Gamow \hat{I}^3 -Teller transitions in exotic pf-shell nuclei relevant to supernova explosion. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014041.	3.6	9
35	\hat{I}^2 -decay data requirements for reactor decay heat calculations: study of the possible source of the gamma-ray discrepancy in reactor heat summation calculations. , 2007, , .		0