

# Roberto Capote Noy

## List of Publications by Year in descending order

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242  
papers

10,468  
citations

87723

38  
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35952

97  
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258  
all docs

258  
docs citations

258  
times ranked

4639  
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.	0.7	2,100
2	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.	0.7	1,324
3	RIPL – Reference Input Parameter Library for Calculation of Nuclear Reactions and Nuclear Data Evaluations. Nuclear Data Sheets, 2009, 110, 3107-3214.	0.7	1,119
4	EMPIRE: Nuclear Reaction Model Code System for Data Evaluation. Nuclear Data Sheets, 2007, 108, 2655-2715.	0.7	630
5	A new formalism for reference dosimetry of small and nonstandard fields. Medical Physics, 2008, 35, 5179-5186.	1.6	462
6	Reference Cross Sections for Charged-particle Monitor Reactions. Nuclear Data Sheets, 2018, 148, 338-382.	0.7	165
7	Evaluation of the Neutron Data Standards. Nuclear Data Sheets, 2018, 148, 143-188.	0.7	159
8	Prompt Fission Neutron Spectra of Actinides. Nuclear Data Sheets, 2016, 131, 1-106.	0.7	127
9	Towards a prediction of fission cross sections on the basis of microscopic nuclear inputs. Physical Review C, 2009, 79, .	1.1	108
10	New experimental validation of the pulse height weighting technique for capture cross-section measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 521, 454-467.	0.7	101
11	IRDF-II: A New Neutron Metrology Library. Nuclear Data Sheets, 2020, 163, 1-108.	0.7	100
12	IAEA Photonuclear Data Library 2019. Nuclear Data Sheets, 2020, 163, 109-162.	0.7	85
13	Ionization chamber dosimetry of small photon fields: a Monte Carlo study on stopping-power ratios for radiosurgery and IMRT beams. Physics in Medicine and Biology, 2003, 48, 2081-2099.	1.6	84
14	The data acquisition system of the neutron time-of-flight facility n_TOF at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 538, 692-702.	0.7	84
15	An EGSnrc Monte Carlo study of the microionization chamber for reference dosimetry of narrow irregular IMRT beamlets. Medical Physics, 2004, 31, 2416-2422.	1.6	80
16	The n_TOF Total Absorption Calorimeter for neutron capture measurements at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 608, 424-433.	0.7	80
17	CIELO Collaboration Summary Results: International Evaluations of Neutron Reactions on Uranium, Plutonium, Iron, Oxygen and Hydrogen. Nuclear Data Sheets, 2018, 148, 189-213.	0.7	73
18	Neutron-induced fission cross section of $^{234}\text{U}$ and $^{237}\text{Np}$ .	1.1	72

#	ARTICLE	IF	CITATIONS
19	Fission of light actinides:Th232(n,f) andPa231(n,f) reactions. Physical Review C, 2006, 74, .	1.1	70
20	$\frac{d\sigma}{d\Omega}(\theta) = \frac{d\sigma_{\text{R}}}{d\Omega}(\theta) + \frac{d\sigma_{\text{I}}}{d\Omega}(\theta)$	1.1	68
21	Neutron Capture Cross Section Measurement ofSm151at the CERN Neutron Time of Flight Facility (n_TOF). Physical Review Letters, 2004, 93, 161103.	2.9	65
22	Statistical Hauser-Feshbach theory with width-fluctuation correction including direct reaction channels for neutron-induced reactions at low energies. Physical Review C, 2016, 94, .	1.1	62
23	Inclusive Proton Emission Spectra from Deuteron Breakup Reactions. Few-Body Systems, 2016, 57, 307-314.	0.7	57
24	Dispersive coupled-channel analysis of nucleon scattering fromTh232up to 200 MeV. Physical Review C, 2005, 72, .	1.1	56
25	$\frac{d\sigma}{d\Omega}(\theta) = \frac{d\sigma_{\text{R}}}{d\Omega}(\theta) + \frac{d\sigma_{\text{I}}}{d\Omega}(\theta)$	1.1	55
26	Resonance neutron-capture cross sections of stable magnesium isotopes and their astrophysical implications. Physical Review C, 2012, 85, .	1.1	55
27	Uncertainties of mass extrapolations in Hartree-Fock-Bogoliubov mass models. Physical Review C, 2014, 89, .	1.1	55
28	Measurement of the n_TOF beam profile with a micromegas detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 524, 102-114.	0.7	54
29	Estimation of neutron-equivalent dose in organs of patients undergoing radiotherapy by the use of a novel online digital detector. Physics in Medicine and Biology, 2012, 57, 6167-6191.	1.6	52
30	Recommended nuclear data for medical radioisotope production: diagnostic positron emitters. Journal of Radioanalytical and Nuclear Chemistry, 2019, 319, 533-666.	0.7	49
31	Evaluation of Neutron Reactions on Iron Isotopes for CIELO and ENDF/B-VIII.0. Nuclear Data Sheets, 2018, 148, 214-253.	0.7	48
32	New measurement of neutron capture resonances inBi209. Physical Review C, 2006, 74, .	1.1	46
33	$\frac{d\sigma}{d\Omega}(\theta) = \frac{d\sigma_{\text{R}}}{d\Omega}(\theta) + \frac{d\sigma_{\text{I}}}{d\Omega}(\theta)$	1.1	44
34	Nuclear data evaluation methodology including estimates of covariances. EPJ Web of Conferences, 2010, 8, 04001.	0.1	43
35	Neutron capture cross section ofTh232measured at the n_TOF facility at CERN in the unresolved resonance region up to 1 MeV. Physical Review C, 2006, 73, .	1.1	41
36	Giant dipole resonance parameters with uncertainties from photonuclear cross sections. Atomic Data and Nuclear Data Tables, 2011, 97, 567-585.	0.9	39



#	ARTICLE	IF	CITATIONS
55	Measurement of the neutron capture cross section of the only isotope $Pb^{204}$ from 1 eV to 440 keV. Physical Review C, 2007, 75, .	1.1	32
56	Measurement of the radiative neutron capture cross section of $Pb$ and its astrophysical implications. Physical Review C, 2007, 76, .	1.1	30
57	High-accuracy $U^{233}(n,f)$ cross-section measurement at the white-neutron source n_TOF from near-thermal to 1 MeV neutron energy. Physical Review C, 2009, 80, .	1.1	30
58	Nucleon scattering on actinides using a dispersive optical model with extended couplings. Physical Review C, 2016, 94, .	1.1	30
59	Seismic triggering in a stable continental area: The Lugo 1995–1997 seismic sequences (NW Spain). Journal of Geodynamics, 2006, 41, 440-449.	0.7	29
60	Current Issues in Nuclear Data Evaluation Methodology: $^{235}U$ Prompt Fission Neutron Spectra and Multiplicity for Thermal Neutrons. Nuclear Data Sheets, 2015, 123, 8-15.	0.7	29
61	cross sections of $Os$	1.1	28
62	Evaluation of the Prompt Fission Neutron Spectrum of Thermal-neutron Induced Fission in $U^{235}$ . Physics Procedia, 2015, 64, 48-54.	1.2	28
63	Recommended Nuclear Data for the Production of Selected Therapeutic Radionuclides. Nuclear Data Sheets, 2019, 155, 56-74.	0.7	27
64	An ENDF-6 compatible evaluation for neutron induced reactions of $^{232}Th$ in the unresolved resonance region. Annals of Nuclear Energy, 2008, 35, 1223-1231.	0.9	26
65	Transmission through multi-humped fission barriers with absorption: A recursive approach. Physical Review C, 2008, 77, .	1.1	26
66	Measurement and resonance analysis of the $^{237}Np$ neutron capture cross section. Physical Review C, 2012, 85, .	1.1	26
67	Measurement and analysis of the $Am$ neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2014, 89, .	1.1	26
68	Analytical expressions for the dispersive contributions to the nucleon-nucleus optical potential. Physical Review C, 2003, 67, .	1.1	25
69	The $La^{139}(n,\hat{\gamma}^3)$ cross section: Key for the onset of the s-process. Physical Review C, 2007, 75, .	1.1	24
70	The determination of beam quality correction factors: Monte Carlo simulations and measurements. Physics in Medicine and Biology, 2009, 54, 4723-4741.	1.6	24
71	Neutron capture on $Zr$ : Resonance parameters and Maxwellian-averaged cross sections. Physical Review C, 2011, 84, .	1.1	24
72	Results of total cross section measurements for $^{197}Au$ in the neutron energy region from 4 to 108 keV at GELINA. European Physical Journal A, 2013, 49, 1.	1.0	24

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73	<p>High-precision determination of the <math>\alpha</math>-particle energy of <math>^{238}\text{U}</math> from the <math>^{238}\text{U}(n,\alpha)^{234}\text{Th}</math> reaction. <i>Physical Review C</i>, 2012, 85, .</p> <p>Impact of model defect and experimental uncertainties on evaluated output. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i>, 2013, 723, 163-172.</p>	1.1	24
74	Dispersion relations in the nuclear optical model. <i>Computer Physics Communications</i> , 2003, 153, 97-105.	3.0	23
75	Measurement of resolved resonances of $^{232}\text{Th}(n,\alpha)^{228}\text{Ac}$ at the n_TOF facility at CERN. <i>Physical Review C</i> , 2012, 85, .	1.1	23
76	Impact of model defect and experimental uncertainties on evaluated output. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 723, 163-172.	0.7	23
77	Unrecognized Sources of Uncertainties (USU) in Experimental Nuclear Data. <i>Nuclear Data Sheets</i> , 2020, 163, 191-227.	0.7	23
78	Evaluation and use of the prompt fission neutron spectrum and spectra covariance matrices in criticality and shielding. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 610, 540-552.	0.7	22
79	Towards an improved evaluation of neutron-induced fission cross sections on actinides. <i>Physical Review C</i> , 2011, 83, .	1.1	22
80	Neutron capture cross section measurements for $^{238}\text{U}$ in the resonance region at GELINA. <i>European Physical Journal A</i> , 2016, 52, 1.	1.0	22
81	Extended optical model for fission. <i>Physical Review C</i> , 2016, 93, .	1.1	22
82	Radial dose functions for $^{103}\text{Pd}$ , $^{125}\text{I}$ , $^{169}\text{Yb}$ and $^{192}\text{Ir}$ brachytherapy sources: an EGS4 Monte Carlo study. <i>Physics in Medicine and Biology</i> , 2000, 45, 703-717.	1.6	21
83	The WinALPHA code for the analysis of alpha-particle spectra. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 525, 522-528.	0.7	21
84	Monte Carlo correction factors for a Farmer 0.6 cm <sup>3</sup> ion chamber dose measurement in the build-up region of the 6 MV clinical beam. <i>Physics in Medicine and Biology</i> , 2006, 51, 1523-1532.	1.6	21
85	Evaluation of Tungsten Nuclear Reaction Data with Covariances. <i>Nuclear Data Sheets</i> , 2008, 109, 2905-2909.	0.7	21
86	Cross sections of the reaction $^{231}\text{Pa}(n,\alpha)^{228}\text{Ac}$ . <i>Physical Review C</i> , 2014, 89, 044607.	1.1	21
87	Quasi-differential neutron scattering from $^{238}\text{U}$ from 0.5 to 20 MeV. <i>Annals of Nuclear Energy</i> , 2014, 73, 455-464.	0.9	21
88	Applying a Template of Expected Uncertainties to Updating $^{239}\text{Pu}(n,f)$ Cross-section Covariances in the Neutron Data Standards Database. <i>Nuclear Data Sheets</i> , 2020, 163, 228-248.	0.7	21
89	Decay of $^{114}\text{Rn}$ to $^{114}\text{Po}$ . <i>Physical Review C</i> , 2003, 67, .	1.1	20
90	Recent Developments of the Nuclear Reaction Model Code EMPIRE. <i>AIP Conference Proceedings</i> , 2005, .	0.3	19



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109	Prompt fission neutron spectra in fast-neutron-induced fission of U238. Physical Review C, 2015, 92, .	1.1	14
110	Liquid chromatographic method for analysis of saponins in Maesa balansae extract active against leishmaniasis. Journal of Chromatography A, 2003, 1012, 39-46.	1.8	13
111	Level densities of transitional Sm nuclei. Physical Review C, 2005, 71, .	1.1	13
112	Neutron-induced fission cross section of $^{245}\text{Cm}$ : New results from data taken at the time-of-flight facility n_TOF. Physical Review C, 2012, 85, .	1.1	13
113	Impact of the Normalization Condition and Model Information on Evaluated Prompt Fission Neutron Spectra and Associated Uncertainties. Nuclear Science and Engineering, 2015, 179, 381-397.	0.5	13
114	Evaluation of the Prompt Fission Gamma Properties for Neutron Induced Fission of $^{235}\text{U}$ , $^{238}\text{U}$ and $^{239}\text{Pu}$ . Nuclear Data Sheets, 2020, 163, 261-279.	0.7	13
115	Single-particle calculations in an axially deformed Woods-Saxon potential with Cassinian ovals parametrization of the shape deformation. Computer Physics Communications, 1995, 92, 267-276.	3.0	12
116	Anisotropy functions for low energy interstitial brachytherapy sources: an EGS4 Monte Carlo study. Physics in Medicine and Biology, 2001, 46, 135-150.	1.6	12
117	A standard dosimetry procedure for $^{192}\text{Ir}$ sources used for endovascular brachytherapy. Physics in Medicine and Biology, 2002, 47, 4205-4221.	1.6	12
118	The measurement of the $^{206}\text{Pb}(n, \hat{1}^3)$ cross section and stellar implications. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014020.	1.4	11
119	Measurement of the neutron-induced fission cross-section of $^{243}\text{Am}$ relative to $^{235}\text{U}$ from 0.5 to 20 MeV. European Physical Journal A, 2011, 47, 1.	1.0	11
120	Nuclear Data for Medical Applications – Recent Developments and Future Requirements. Nuclear Data Sheets, 2014, 120, 239-241.	0.7	11
121	Recent Work Leading Towards a New Evaluation of the Neutron Standards. Nuclear Data Sheets, 2015, 123, 27-35.	0.7	11
122	Evaluation of the $^{239}\text{Pu}$ prompt fission neutron spectrum induced by neutrons of 500 keV and associated covariances. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 791, 80-92.	0.7	11
123	Neutron-induced fission cross section of $^{237}\text{Np}$ in the keV to MeV range at the CERN n_TOF facility. Physical Review C, 2016, 93, .	1.1	11
124	Conception and Software Implementation of a Nuclear Data Evaluation Pipeline. Nuclear Data Sheets, 2021, 173, 239-284.	0.7	11
125	Cross-section measurements for the $^{57}\text{Fe}(n, \hat{1}^3)^{57}\text{Fe}$ and $^{57}\text{Fe}(n, 2\hat{1}^3)^{56}\text{Fe}$ reactions. Physical Review C, 2017, 96, .	1.1	10
126	Measurement of the $^{90,91,92,93,94,96}\text{Zr}(n, \hat{1}^3)$ and $^{139}\text{La}(n, \hat{1}^3)$ cross sections at n_TOF. , 2007, , .		10



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127	Upgrade of recommended nuclear cross section data base for production of therapeutic radionuclides. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 1163-1206.	0.7	10
128	Measurement of the neutron-induced fission cross-section of $^{241}\text{Am}$ at the time-of-flight facility n_TOF. European Physical Journal A, 2013, 49, 1.	1.0	9
129	Upgrade of IAEA recommended data of selected nuclear reactions for production of PET and SPECT isotopes. Nuclear Data Sheets, 2021, 173, 285-308.	0.7	9
130	Modeling photon-induced reactions on $^{233}\text{U}$ and $^{238}\text{U}$ actinide targets. Physical Review C, 2021, 103, .	1.1	9
131	Study of Photon Strength Function of Actinides: the Case of $^{235}\text{U}$ , $^{238}\text{Np}$ and $^{241}\text{Pu}$ . Journal of the Korean Physical Society, 2011, 59, 1510-1513.	0.3	9
132	Nuclear physics for the Re/Os clock. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014015.	1.4	8
133	Preliminary Evaluation and Uncertainty Quantification of the Prompt Fission Neutron Spectrum of $^{239}\text{Pu}$ . Nuclear Data Sheets, 2015, 123, 146-152.	0.7	8
134	Evaluation of cross sections for neutron interactions with $^{238}\text{U}$ in the energy region between 5 keV and 150 keV. European Physical Journal A, 2017, 53, 1.	1.0	8
135	Measurement of the $^{151}\text{Sm}(n, \hat{p})^{152}\text{Sm}$ cross section at n_TOF. Nuclear Physics A, 2005, 758, 533-536.	0.6	7
136	Neutron capture cross section measurements for nuclear astrophysics at CERN n_TOF. Nuclear Physics A, 2005, 758, 501-504.	0.6	7
137	Neutron reactions and nuclear cosmo-chronology. Progress in Particle and Nuclear Physics, 2007, 59, 165-173.	5.6	7
138	Covariances of Prompt Fission Neutron Spectra. Nuclear Data Sheets, 2008, 109, 2840-2845.	0.7	7
139	Deformation-dependent Tamura-Udagawa-Lenske multistep direct model. Physical Review C, 2008, 78, .	1.1	7
140	Neutron cross-sections for next generation reactors: New data from n_TOF. Applied Radiation and Isotopes, 2010, 68, 643-646.	0.7	7
141	Status of the LEgnaRo NeutrOn Source facility (LENOS). Physics Procedia, 2012, 26, 261-273.	1.2	7
142	Generation of $^{238}\text{U}$ Covariance Matrices by Using the Integral Data Assimilation Technique of the CONRAD Code. EPJ Web of Conferences, 2016, 106, 04015.	0.1	7
143	High accuracy $^{235}\text{U}(n, f)$ data in the resonance energy region. EPJ Web of Conferences, 2016, 111, 02003.	0.1	7
144	Spectrum of prompt fission neutrons from $^{235}\text{U}(n, F)$ . Atomic Energy, 2010, 108, 432-443.	0.1	6

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145	Experimental Uncertainty and Covariance Information in EXFOR Library. EPJ Web of Conferences, 2012, 27, 00007.	0.1	6
146	Newly Evaluated Neutron Reaction Data on Chromium Isotopes. Nuclear Data Sheets, 2021, 173, 1-41.	0.7	6
147	New Work on Updating and Extending the Nuclear Data Standards. Journal of ASTM International, 2012, 9, 1-14.	0.2	6
148	Improved lead and bismuth ( $n, \hat{I}^3$ ) cross sections and their astrophysical impact. , 2007, , .		6
149	Anisotropy functions for $^{169}\text{Yb}$ brachytherapy seed models 5, 8 and X1267. An EGS4 Monte Carlo study. Physics in Medicine and Biology, 2000, 45, 3693-3705.	1.6	5
150	Anisotropy function for $^{192}\text{Ir}$ low-dose-rate brachytherapy sources: an EGS4 Monte Carlo study. Physics in Medicine and Biology, 2001, 46, 1487-1499.	1.6	5
151	Experimental dosimetry of a $^{32}\text{P}$ catheter-based endovascular brachytherapy source. Physics in Medicine and Biology, 2003, 48, 2283-2296.	1.6	5
152	The wall correction factor for a spherical ionization chamber used in brachytherapy source calibration. Physics in Medicine and Biology, 2003, 48, 4091-4103.	1.6	5
153	The CIELO collaboration: Progress in international evaluations of neutron reactions on Oxygen, Iron, Uranium and Plutonium. EPJ Web of Conferences, 2017, 146, 02001.	0.1	5
154	Dispersive optical model description of nucleon scattering on Pb and Bi isotopes. Physical Review C, 2020, 101, .	1.1	5
155	The neutron capture cross sections of $^{237}\text{Np}(n, \hat{I}^3)$ and $^{240}\text{Pu}(n, \hat{I}^3)$ and its relevance in the transmutation of nuclear waste. , 2007, , .		5
156	Evaluation of the $^{103}\text{Rh}$ neutron cross-section data in the unresolved resonance region for improved criticality safety. , 2007, , .		5
157	Simultaneous measurement of the neutron capture and fission yields of $^{233}\text{U}$ . , 2007, , .		5
158	Capture cross section measurements of $^{186}\text{O}$ , $^{187}\text{O}$ , $^{188}\text{O}$ at $n_{\text{TOF}}$ : the resolved resonance region. , 2007, , .		5
159	Nuclear state density calculations: An exact recursive approach. Computer Physics Communications, 2003, 150, 43-52.	3.0	4
160	Random Sampling of Correlated Parameters â€“ a Consistent Solution for Unfavourable Conditions. Nuclear Data Sheets, 2015, 123, 185-190.	0.7	4
161	Toward a New Evaluation of Neutron Standards. EPJ Web of Conferences, 2016, 106, 04002.	0.1	4
162	Description of nucleon scattering on $^{208}\text{Pb}$ by a fully Lane-consistent dispersive spherical optical model potential. EPJ Web of Conferences, 2017, 146, 12010.	0.1	4

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163	A new evaluation of the neutron data standards. EPJ Web of Conferences, 2017, 146, 02025.	0.1	4
164	Analysis of neutron bound states of $^{208}\text{Pb}$ by a dispersive optical model potential. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 055103.	1.4	4
165	Infrastructure for the new paradigm of nuclear reaction evaluation. Annals of Nuclear Energy, 2021, 163, 108494.	0.9	4
166	The Global Assessment of Nuclear Data, GANDR. , 2007, , .		4
167	Measurement of neutron induced fission of $^{235}\text{U}$ , $^{233}\text{U}$ and $^{245}\text{Cm}$ with the FIC detector at the CERN n_TOF facility. , 2007, , .		4
168	Lane consistency of the dispersive coupled-channel optical model potential. , 2007, , .		4
169	Measurement of the $^{197}\text{Au}$ ( $n, \hat{1}^3$ ) cross section at n_TOF: towards a new standard. , 2007, , .		4
170	Measurements at n_TOF of the Neutron Capture Cross Section of Minor Actinides Relevant to the Nuclear Waste Transmutation. AIP Conference Proceedings, 2005, , .	0.3	3
171	Neutron Capture Cross Section Measurements at n_TOF of $^{237}\text{Np}$ , $^{240}\text{Pu}$ and $^{243}\text{Am}$ for the Transmutation of Nuclear Waste. AIP Conference Proceedings, 2006, , .	0.3	3
172	Angular distributions of protons scattered by $^{40}\text{Ar}$ nuclei with excitation of the $2^+(1.46\text{ MeV})$ and $3^+(3.68\text{ MeV})$ collective levels for incident energies of 25.1, 32.5, and 40.7 MeV. Physical Review C, 2007, 75, .	1.1	3
173	Note: Measurement of resolved resonances of $^{232}\text{Th}$ ( $n, \hat{1}^3$ ) cross section at n_TOF: towards a new standard. , 2007, , .		3
174	Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002.	0.1	3
175	Quasiparticle nature of excited states in random-phase approximation. Physical Review C, 2019, 99, .	1.1	3
176	Results of the Collaborative International Evaluated Library Organisation (CIELO) Project. EPJ Web of Conferences, 2020, 239, 15003.	0.1	3
177	A Global Dispersive Coupled-Channel Optical Model Potential for Actinides. Journal of Nuclear Science and Technology, 2008, 45, 333-340.	0.7	3
178	Renewed Database of GDR Parameters for Atomic Nuclei. Journal of the Korean Physical Society, 2011, 59, 1514-1517.	0.3	3
179	Fission Cross-section Measurements of $^{233}\text{U}$ , $^{245}\text{Cm}$ and $^{241}\text{Pu}$ ; $^{243}\text{Am}$ at CERN n_TOF Facility. Journal of the Korean Physical Society, 2011, 59, 1912-1915.	0.3	3
180	Towards Improved Evaluation of Neutron-Induced Fission Cross Section. Journal of the Korean Physical Society, 2011, 59, 979-982.	0.3	3

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181	Extension of the nuclear reaction model code EMPIRE to actinides' nuclear data evaluation. , 2007, , .		3
182	The <sup>234</sup> U neutron capture cross section measurement at the n_TOF facility. , 2007, , .		3
183	Measurements of the 90,91,92,94,96Zr(n, $\hat{t}^3$ ) cross-sections at n_TOF. Nuclear Physics A, 2005, 758, 573-576.	0.6	2
184	Neutron cross section measurements at n-TOF for ADS related studies. Journal of Physics: Conference Series, 2006, 41, 352-360.	0.3	2
185	Measurements of high-energy neutron-induced fission of natPb and <sup>209</sup> Bi. EPJ Web of Conferences, 2010, 8, 07009.	0.1	2
186	Nuclear data evaluation of <sup>55</sup> Mn by the EMPIRE code with emphasis on the capture cross-section. Nuclear Engineering and Design, 2011, 241, 1071-1077.	0.8	2
187	Neutron-induced fission cross section measurement of <sup>233</sup> U, <sup>241</sup> Am and <sup>243</sup> Am in the energy range 0.5 MeV $\hat{a}^{\frac{1}{2}}$ $\hat{a}^{\frac{1}{2}}$ 20 MeV at n_TOF at.2 CERN. Physica Scripta, 2012, T150, 014005.		2
188	Improved data evaluation methodology for energy ranges with missing experimental data. Kerntechnik, 2015, 80, 194-200.	0.2	2
189	New <sup>56</sup> Fe Evaluation for the CIELO project. EPJ Web of Conferences, 2016, 111, 03001.	0.1	2
190	Towards the high-accuracy determination of the <sup>238</sup> U fission cross section at the threshold region at CERN $\hat{a}^{\frac{1}{2}}$ n_TOF. EPJ Web of Conferences, 2016, 111, 02002.	0.1	2
191	Predicting the optical observables for nucleon scattering on even-even actinides. Chinese Physics C, 2017, 41, 094105.	1.5	2
192	A theoretical study of deuteron-induced surrogate reactions. EPJ Web of Conferences, 2017, 146, 12001.	0.1	2
193	New cross section measurements for neutron-induced reactions on Cr, Ni, Cu, Ta and W isotopes obtained with the activation technique. , 2007, , .		2
194	Neutron-induced fission cross section on actinides using microscopic fission energy surfaces. , 2007, , .		2
195	Evaluation of tungsten isotopes in the fast neutron range including cross section covariance estimation. , 2007, , .		2
196	IAEA coordinated research programme: nuclear data for the production of therapeutic radionuclides. , 2007, , .		2
197	Assessment of Novel Techniques for Nuclear Data Evaluation. , 2018, , 105-116.		2
198	Neutron Capture Measurements on Minor Actinides at the n_TOF Facility at CERN: Past, Present and Future. Journal of the Korean Physical Society, 2011, 59, 1809-1812.	0.3	2

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199	<sup>237</sup> Np(n,f) Cross Section: New Data and Present Status. Journal of the Korean Physical Society, 2011, 59, 1908-1911.	0.3	2
200	Exact formulation of particle-hole state densities in the equidistant spacing model with pauli and pairing corrections. Zeitschrift für Physik A, Atomic Nuclei, 1989, 334, 397-402.	0.3	1
201	Improvement of the Fission Channel in the EMPIRE Code. AIP Conference Proceedings, 2005, , .	0.3	1
202	Neutron Capture Cross Sections for the Re/Os Clock. AIP Conference Proceedings, 2005, , .	0.3	1
203	Combinatorial level densities for practical applications. EPJ Web of Conferences, 2010, 2, 04005.	0.1	1
204	The [ <sup>237</sup> Np(n,f) cross section at the CERN n-TOF facility. , 2011, , . Measurement and modeling of the cross sections for the reaction $\text{http://www.w3.org/1998/Math/MathML" display=" inline" } <\text{mml:msup}> <\text{mml:mrow}$		1

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#	ARTICLE	IF	CITATIONS
217	252 Monte Carlo study on IMRT and Radiosurgery dosimetry performed by ionization chamber. Radiotherapy and Oncology, 2005, 76, S120.	0.3	0
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