

Enrique Gonzalez

List of Publications by Year in descending order

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302
papers

7,318
citations

66250

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97045

71
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320
docs citations

320
times ranked

4996
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiative Neutron Capture Cross-Section Measurement of Ge Isotopes at n_TOF CERN Facility and Its Importance for Stellar Nucleosynthesis. Acta Physica Polonica A, 2021, 139, 383-388.	0.2	0
2	Measurement of the $^{72}\text{Ge}(n,\gamma)^{73}\text{Ge}$ cross section over a wide neutron energy range at the CERN n_TOF facility. Physical Review C, 2021, 103, .	1.1	10
3	First Results of the $^{140}\text{Ce}(n,\gamma)^{141}\text{Ce}$ Cross-Section Measurement at n_TOF. Universe, 2021, 7, 200.	0.9	4
4	Imaging neutron capture cross sections: i-TED proof-of-concept and future prospects based on Machine-Learning techniques. European Physical Journal A, 2021, 57, 1.	1.0	16
5	Destruction of the cosmic ^{26}Al -ray emitter in massive stars: Study of the key $^{26}\text{Al}(n,\gamma)^{27}\text{Al}$ reaction. Physical Review C, 2021, 104, .	1.1	6
6	Measurement of the $^{155}\text{Gd}(n,\gamma)^{156}\text{Gd}$ cross section from thermal energy to 1 keV. EPJ Web of Conferences, 2020, 239, 01041.	1.1	3
7	Neutron Capture on the ^{171}Yb -Process Branching Point. Physical Review C, 2020, 102, .	1.1	7
8	Investigation of the $^{240}\text{Pu}(n,\gamma)^{241}\text{Pu}$ reaction at the n_TOF/EAR2 facility in the 9 meV-6 MeV range. Physical Review C, 2020, 102, .	1.1	7
9	Neutron capture measurement at the n TOF facility of the ^{204}Tl and ^{205}Tl s-process branching points. Journal of Physics: Conference Series, 2020, 1668, 012005.	0.3	2
10	Monte Carlo simulations and n-p differential scattering data measured with Proton Recoil Telescopes. EPJ Web of Conferences, 2020, 239, 01024.	0.1	5
11	New reaction rates for the destruction of ^7Be during big bang nucleosynthesis measured at CERN/n_TOF and their implications on the cosmological lithium problem. EPJ Web of Conferences, 2020, 239, 07001.	0.1	0
12	$^{80}\text{Se}(n,\gamma)^{81}\text{Se}$ cross-section measurement at CERN n TOF. Journal of Physics: Conference Series, 2020, 1668, 012001.	0.3	1
13	Review and new concepts for neutron-capture measurements of astrophysical interest. Journal of Physics: Conference Series, 2020, 1668, 012013.	0.3	1
14	Measurement of the $^{235}\text{U}(n,f)$ cross section at n_TOF from thermal to 170 keV. International Journal of Modern Physics Conference Series, 2020, 50, 2060011.	0.7	0
15	A compact fission detector for fission-tagging neutron capture experiments with radioactive fissile isotopes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 969, 163981.	0.7	2
16	Measurement of the $^{154}\text{Gd}(n,\gamma)^{155}\text{Gd}$ cross section and its astrophysical implications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135405.	1.5	12

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19	Preliminary results on the ^{233}U $\hat{\pm}$ -ratio measurement at n_TOF. EPJ Web of Conferences, 2020, 239, 01043.	0.1	2
20	Status and perspectives of the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2020, 239, 17001.	0.1	3
21	First results of the $^{230}\text{Th}(n,f)$ cross section measurements at the CERN n_TOF facility. EPJ Web of Conferences, 2020, 239, 05004.	0.1	0
22	Accurate measurement of the standard $^{235}\text{U}(n,f)$ cross section from thermal to 170 keV neutron energy. EPJ Web of Conferences, 2020, 239, 08002.	0.1	0
23	Measurement of the $^{242}\text{Pu}(n, \hat{\pm}^3)$ cross section from thermal to 500 keV at the Budapest research reactor and CERN n_TOF-EAR1 facilities. EPJ Web of Conferences, 2020, 239, 01019.	0.1	0
24	Study of the neutron-induced fission cross section of ^{237}Np at CERN's n_TOF facility over a wide energy range. EPJ Web of Conferences, 2020, 239, 05006.	0.1	0
25	The ^{154}Gd neutron capture cross section measured at the n_TOF facility and its astrophysical implications. EPJ Web of Conferences, 2020, 239, 07003.	0.1	0
26	Study of photon strength functions of ^{241}Pu and ^{245}Cm from neutron capture measurements. EPJ Web of Conferences, 2020, 239, 01015.	0.1	2
27	Measurement of the energy-differential cross-section of the $^{12}\text{C}(n,p)^{12}\text{B}$ and $^{12}\text{C}(n,d)^{11}\text{B}$ reactions at the n_TOF facility at CERN. EPJ Web of Conferences, 2020, 239, 01045.	0.1	0
28	First results of the $^{241}\text{Am}(n,f)$ cross section measurement at the Experimental Area 2 of the n_TOF facility at CERN. EPJ Web of Conferences, 2020, 239, 05014.	0.1	0
29	Measurement of the ^{244}Cm capture cross sections at both CERN n_TOF experimental areas. EPJ Web of Conferences, 2020, 239, 01034.	0.1	4
30	Setup for the measurement of the $^{235}\text{U}(n, f)$ cross section relative to n-p scattering up to 1 GeV. EPJ Web of Conferences, 2020, 239, 01008.	0.1	4
31	Neutron capture cross section measurements of ^{241}Am at the n_TOF facility. EPJ Web of Conferences, 2020, 239, 01009.	0.1	2
32	Fission program at n_TOF. EPJ Web of Conferences, 2019, 211, 03006.	0.1	1
33	Measurement of the ^{244}Cm and ^{246}Cm neutron-induced capture cross sections at the n_TOF facility. EPJ Web of Conferences, 2019, 211, 03008.	0.1	3
34	Measurement of the $^{235}\text{U}(n, f)$ cross section relative to the $^6\text{Li}(n, t)$ and $^{10}\text{B}(n, \alpha)$ standards from thermal to 170 keV neutron energy range at n_TOF. European Physical Journal A, 2019, 55, 1.	1.0	20
35	Measurement of the $^{235}\text{U}(n, f)$ cross section up to 300 keV at the CERN n_TOF facility. Physical Review C, 2019, 100, 014607.	1.1	13
36	Study of the photon strength functions and level density in the gamma decay of the n + ^{234}U reaction. EPJ Web of Conferences, 2019, 211, 02002.	0.1	2

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37	Preliminary results on the ^{233}U capture cross section and alpha ratio measured at n_TOF (CERN) with the fission tagging technique. EPJ Web of Conferences, 2019, 211, 03007.	0.1	3
38	Cross section measurements of $^{155,157}\text{Gd}(n,\gamma)$ induced by thermal and epithermal neutrons. European Physical Journal A, 2019, 55, 1.	1.0	23
39	Measurement of $^{73}\text{Ge}(n,\gamma)$ cross sections and implications for stellar nucleosynthesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 458-465.	1.5	11
40	Preparation and characterization of ^{235}U samples for $^{235}\text{U}(n,\gamma)$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 637 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML") facility at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 890, 142-147.	0.7	2
41	Radiative neutron capture on ^{242}Pu in the resonance region at the CERN n_TOF-FAR1 facility. Physical Review C, 2018, 97, .	1.1	21
42	Experimental setup and procedure for the measurement of the $^{7}\text{Be}(n,p)^{6}\text{Li}$ reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 887, 27-33.	0.7	14
43	Measurement of the radiative capture cross section of the s-process branching points ^{204}Tl and ^{171}Tm at the n_TOF facility (CERN). EPJ Web of Conferences, 2018, 178, 03004.	0.1	1
44	First Measurement of $^{72}\text{Ge}(n,\gamma)$ at n_TOF. EPJ Web of Conferences, 2018, 184, 02005.	0.1	0
45	Measurement and analysis of the ^{241}Am neutron capture cross section. Physical Review C, 2017, 95, .	1.1	9
46	Measurement and resonance analysis of the $^{7}\text{Be}(n,p)^{6}\text{Li}$ reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 887, 27-33.	2.9	58
47	Measurement and resonance analysis of the $^{33}\text{S}(n,\gamma)$ cross section at the CERN n_TOF facility in the ener. Physical Review C, 2018, 97, .	1.1	8
48	Neutron spectroscopy of ^{26}Mg states: Constraining the stellar neutron source $^{22}\text{Ne}(\hat{n},n)^{25}\text{Mg}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 1-6.	1.5	32
49	Neutron capture cross section measurement of ^{238}U at the CERN n_TOF facility in the energy region from 1 eV to 700 keV. Physical Review C, 2017, 95, .	1.1	12
50	High-accuracy determination of the neutron flux in the new experimental area n_TOF-EAR2 at CERN. European Physical Journal A, 2017, 53, 1.	1.0	41
51	Monte carlo simulations of the n_TOF lead spallation target with the Geant4 toolkit: A benchmark study. EPJ Web of Conferences, 2017, 146, 03030.	0.1	0
52	Validation of the fission yield and decay data libraries with the ^{10}B -delayed ^{235}U fission γ -ray energy spectrum. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 870, 60-63.	0.7	1
53	Measurement of the $^{238}\text{U}(n,\gamma)$ cross section up to 80 keV with the Total Absorption Calorimeter at the CERN n_TOF facility. Physical Review C, 2017, 96, .	1.1	8
54	The Nuclear Astrophysics program at n_TOF (CERN). EPJ Web of Conferences, 2017, 165, 01014.	0.1	1

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55	${}^7\text{Be}(n,\hat{1}\pm)$ and ${}^7\text{Be}(n,p)$ cross-section measurement for the cosmological lithium problem at the n_TOF facility at CERN. EPJ Web of Conferences, 2017, 146, 01012.	0.1	1
56	The ${}^{236}\text{U}$ neutron capture cross-section measured at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11054.	0.1	1
57	Characterization of the n_TOF EAR-2 neutron beam. EPJ Web of Conferences, 2017, 146, 03020.	0.1	1
58	High accuracy ${}^{234}\text{U}(n,f)$ cross section in the resonance energy region. EPJ Web of Conferences, 2017, 146, 04057.	0.1	1
59	The measurement programme at the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2017, 146, 11002.	0.1	2
60	New measurement of the ${}^{242}\text{Pu}(n,\hat{1}^3)$ cross section at n_TOF-EAR1 for MOX fuels: Preliminary results in the RRR. EPJ Web of Conferences, 2017, 146, 11045.	0.1	1
61	The n_TOF facility: Neutron beams for challenging future measurements at CERN. EPJ Web of Conferences, 2017, 146, 03001.	0.1	1
62	High precision measurement of the radiative capture cross section of ${}^{238}\text{U}$ at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11028.	0.1	0
63	Time-of-flight and activation experiments on ${}^{147}\text{Pm}$ and ${}^{171}\text{Tm}$ for astrophysics. EPJ Web of Conferences, 2017, 146, 01007.	0.1	0
64	The ${}^{33}\text{S}(n,\hat{1}\pm)$ ${}^{30}\text{Si}$ cross section measurement at n_TOF-EAR2 (CERN): From 0.01 eV to the resonance region. EPJ Web of Conferences, 2017, 146, 08004.	0.1	3
65	Economics and Resources Analysis of the Potential Use of Reprocessing Options by a Medium Sized Nuclear Reactor Fleet. Energies, 2017, 10, 690.	1.6	0
66	Measurement of the neutron capture cross section of the fissile isotope ${}^{235}\text{U}$ with the CERN n_TOF total absorption calorimeter and a fission tagging based on micromegas detectors. EPJ Web of Conferences, 2017, 146, 11021.	0.1	7
67	Measurement of the ${}^{241}\text{Am}$ neutron capture cross section at the n_TOF facility at CERN. EPJ Web of Conferences, 2017, 146, 11022.	0.1	1
68	The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001.	0.1	3
69	Towards the high-accuracy determination of the ${}^{238}\text{U}$ fission cross section at the threshold region at CERN "n_TOF. EPJ Web of Conferences, 2016, 111, 02002.	0.1	2
70	High accuracy ${}^{235}\text{U}(n,f)$ data in the resonance energy region. EPJ Web of Conferences, 2016, 111, 02003.	0.1	7
71	Experiments with neutron beams for the astrophysical s process. Journal of Physics: Conference Series, 2016, 665, 012020.	0.3	2
72	Nuclear data activities at the n_TOF facility at CERN. European Physical Journal Plus, 2016, 131, 1.	1.2	26

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73	Neutron-induced fission cross section of ^{238}U at CERN n_TOF facility. Physical Review C, 2016, 93, .	2.9	94
74	Neutron-induced fission cross section of ^{237}Np in the keV to MeV range at the CERN n_TOF facility. Physical Review C, 2016, 93, .	1.1	11
75	Fission Fragment Angular Distribution measurements of ^{235}U and ^{238}U at CERN n_TOF facility. EPJ Web of Conferences, 2016, 111, 10002.	0.1	14
76	Integral measurement of the $^{12}\text{C}(n, p)^{12}\text{B}$ reaction up to 10 GeV. European Physical Journal A, 2016, 52, 1.	1.0	9
77	Experimental setup and procedure for the measurement of the $^{7}\text{Be}(n, \alpha)^{4}\text{He}$ reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 830, 197-205.	0.7	21
78	Experimental neutron capture data of ^{58}Ni from the CERN n_TOF facility. EPJ Web of Conferences, 2015, 93, 02009.	0.1	0
79	High accuracy determination of the ^{238}U neutron capture cross section at CERN n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 799, 90-98.	1.1	24
80	The new vertical neutron beam line at the CERN n_TOF facility design and outlook on the performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 799, 90-98.	0.7	82
81	The nucleosynthesis of heavy elements in Stars: the key isotope ^{25}Mg . EPJ Web of Conferences, 2014, 66, 07016.	0.1	1
82	Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). EPJ Web of Conferences, 2014, 66, 10001.	0.1	2
83	$^{238}\text{U}(n, \alpha)^{235}\text{U}$ reaction cross section measurement with C6D6 detectors at the n_TOF CERN facility.. EPJ Web of Conferences, 2014, 66, 03061.	0.1	1
84	Experimental neutron capture data of ^{58}Ni from the CERN n_TOF facility. Physical Review C, 2014, 89, .	1.1	28
85	Measurement of the ^{62}Zn neutron capture cross section at CERN n_TOF. Physical Review C, 2014, 89, .	1.1	31
86	Measurement of the $^{12}\text{C}(n, p)^{12}\text{B}$ cross section at n_TOF at CERN by in-beam activation analysis. Physical Review C, 2014, 90, .	1.1	14
87	Measurement and analysis of the ^{241}Am neutron capture cross section at CERN n_TOF. Physical Review C, 2014, 89, .	1.1	14
88	Neutron-induced fission cross section of ^{234}U measured at the CERN n_TOF facility. Physical Review C, 2014, 89, .	1.1	14
89	Measurement of the angular distribution of fission fragments using a PPAC assembly at CERN n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 743, 79-85.	0.7	28
90	Review and comparison of effective delayed neutron fraction calculation methods with Monte Carlo codes. Annals of Nuclear Energy, 2014, 65, 402-410.	0.9	7

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91	Measurement and analysis of the $^{243}\text{Am}(n,\gamma)^{244}\text{Am}$ neutron capture cross section at the n_TOF facility at CERN. <i>Physical Review C</i> , 2014, 90, .	1.1	26
92	Validation of the burn-up code EVOLCODE 2.0 with PWR experimental data and with a Sensitivity/Uncertainty analysis. <i>Annals of Nuclear Energy</i> , 2014, 73, 175-188.	0.9	16
93	Neutron Capture Reactions on Fe and Ni Isotopes for the Astrophysical s-process. <i>Nuclear Data Sheets</i> , 2014, 120, 201-204.	0.7	2
94	The $(n, \hat{1}\pm)$ Reaction in the s-process Branching Point ^{59}Ni . <i>Nuclear Data Sheets</i> , 2014, 120, 208-210.	0.7	14
95	GEANT4 simulation of the neutron background of the C6D6 set-up for capture studies at n_TOF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 760, 57-67.	0.7	31
96	High-accuracy determination of the neutron flux at n_TOF. <i>European Physical Journal A</i> , 2013, 49, 1.	1.0	71
97	Performance of the neutron time-of-flight facility n_TOF at CERN. <i>European Physical Journal A</i> , 2013, 49, 1.	1.0	205
98	Measurement of the neutron-induced fission cross-section of ^{241}Am at the time-of-flight facility n_TOF. <i>European Physical Journal A</i> , 2013, 49, 1.	1.0	9
99	Evaluation of the criticality constant from Pulsed Neutron Source measurements in the Yalina-Booster subcritical assembly. <i>Annals of Nuclear Energy</i> , 2013, 53, 40-49.	0.9	13
100	A new CVD diamond mosaic-detector for $(n, \gamma)^{241}\text{Am}$ at CERN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 732, 190-194.	0.7	26
101	Validation of ADS reactivity monitoring techniques in the Yalina-Booster subcritical assembly. <i>Annals of Nuclear Energy</i> , 2013, 53, 331-341.	0.9	20
102	Neutron Capture Cross Section of Unstable ^{63}Ni : Implications for Stellar Nucleosynthesis. <i>Physical Review Letters</i> , 2013, 110, 022501.	2.9	44
103	Monte Carlo analysis of the long-lived fission product neutron capture rates at the Transmutation by Adiabatic Resonance Crossing (TARC) experiment. <i>Nuclear Engineering and Design</i> , 2013, 254, 148-153.	0.8	1
104	Neutron research at the N_TOF facility (CERN): Results and perspectives. , 2013, , .		0
105	The $^{93}\text{Zr}(n,\gamma)^{94}\text{Zr}$ reaction up to 8 keV neutron energy. <i>Physical Review C</i> , 2013, 87, .	1.1	39
106	THE LATEST ON NEUTRON-INDUCED CAPTURE AND FISSION MEASUREMENTS AT THE CERN n_TOF FACILITY. , 2013, , .		1
107	Neutron capture and fission reactions on ^{235}U : cross sections, $\hat{1}\pm$ -ratios and prompt $\hat{1}^3$ -ray emission from fission. <i>EPJ Web of Conferences</i> , 2013, 42, 01002.	0.1	2
108	Angular distribution in the neutron-induced fission of actinides. <i>EPJ Web of Conferences</i> , 2013, 62, 08003.	0.1	1

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109	THE Am-243 NEUTRON CAPTURE MEASUREMENT AT THE n_TOF FACILITY. , 2013, , .		0
110	A Fast Numerical Method for the Calculation of the Equilibrium Isotopic Composition of a Transmutation System in an Advanced Fuel Cycle. Science and Technology of Nuclear Installations, 2012, 2012, 1-6.	0.3	0
111	Measurement of resolved resonances of $^{232}\text{Th}(n,\hat{f}^3)$ at the n_TOF facility at CERN. Physical Review C, 2012, 85, . Publisher's Note: Measurement of resolved resonances of $^{232}\text{Th}(n,\hat{f}^3)$ at the n_TOF facility at CERN. Physical Review C, 2012, 85, .	1.1	23
112	$^{232}\text{Th}(n,\hat{f}^3)$ at the n_TOF facility at CERN. Physical Review C, 2012, 85, .	1.1	23
113	Measurement and resonance analysis of the ^{237}Np neutron capture cross section. Physical Review C, 2012, 85, .	1.1	26
114	Neutron-induced fission cross section of ^{245}Cm : New results from data taken at the time-of-flight facility n_TOF. Physical Review C, 2012, 85, .	1.1	13
115	Neutron-induced fission cross section measurement of ^{233}U , ^{241}Am and ^{243}Am in the energy range 0.5 MeV $\hat{a}^{\circ}1/2$ $\hat{a}^{\circ}1/2$ 20 MeV at n_TOF at.2 CERN. Physica Scripta, 2012, T150, 014005.		2
116	Resonance neutron-capture cross sections of stable magnesium isotopes and their astrophysical implications. Physical Review C, 2012, 85, .	1.1	55
117	Present status and future programs of the n_TOF experiment. EPJ Web of Conferences, 2012, 21, 03001.	0.1	2
118	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.	0.7	21
119	Simultaneous measurement of neutron-induced capture and fission reactions at CERN. European Physical Journal A, 2012, 48, 1.	1.0	19
120	Astrophysics at n_TOF Facility at CERN. Journal of Physics: Conference Series, 2011, 312, 042024.	0.3	0
121	Neutron measurements for advanced nuclear systems: The n_TOF project at CERN. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 3251-3257.	0.6	10
122	Impact of partitioning and transmutation on the high level waste management. Nuclear Engineering and Design, 2011, 241, 3436-3444.	0.8	74
123	Neutron-induced fission cross-section of ^{233}U in the energy range 0.5 < En < 20 MeV. European Physical Journal A, 2011, 47, 1.	1.0	15
124	Measurement of the neutron-induced fission cross-section of ^{243}Am relative to ^{235}U from 0.5 to 20 MeV. European Physical Journal A, 2011, 47, 1.	1.0	11
125	Auto-correlation and variance-to-mean measurements in a subcritical core obeying multiple alpha-modes. Annals of Nuclear Energy, 2011, 38, 194-202.	0.9	23
126	The $^{237}\text{Np}(n,f)$ cross section at the CERN n-TOF facility. , 2011, , .		1

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127	$\frac{Zr}{Tj} \frac{ETQq1}{1} \frac{0.784314}{rgBT} \frac{10}{Tf} \frac{50}{747} \frac{Td}{(xlns:mml)}$	1.1	17
128	Neutron capture on Zr Resonance parameters and Maxwellian-averaged cross sections. Physical Review C, 2011, 84, .	1.1	24
129	Measurement of the $^{236}U(n,f)$ cross section from 170 meV to 2 MeV at the CERN n_TOF facility. Physical Review C, 2011, 84, .	1.1	14
130	$\frac{Au}{Tj} \frac{ETQq0}{1} \frac{0}{rgBT} \frac{68}{Overlock}$	1.1	68
131	The Neutron Time-Of-Flight Facility n _± TOF At CERN: Phase II. , 2011, , .		1
132	Study of Photon Strength Function of Actinides: the Case of ^{235}U , ^{238}Np and ^{241}Pu . Journal of the Korean Physical Society, 2011, 59, 1510-1513.	0.3	9
133	Past, Present and Future of the n_TOF Facility at CERN. Journal of the Korean Physical Society, 2011, 59, 1620-1623.	0.3	4
134	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
135	Improved Neutron Capture Cross Section Measurements with the n_TOF Total Absorption Calorimeter. Journal of the Korean Physical Society, 2011, 59, 1813-1816.	0.3	3
136	$^{237}Np(n,f)$ Cross Section: New Data and Present Status. Journal of the Korean Physical Society, 2011, 59, 1908-1911.	0.3	2
137	Fission Cross-section Measurements of ^{233}U , ^{245}Cm and $^{241};^{243}Am$ at CERN n_TOF Facility. Journal of the Korean Physical Society, 2011, 59, 1912-1915.	0.3	3
138	High-energy Neutron-induced Fission Cross Sections of Natural Lead and Bismuth-209. Journal of the Korean Physical Society, 2011, 59, 1904-1907.	0.3	0
139	The Role of Fe and Ni for S-Process Nucleosynthesis and Innovative Nuclear Technologies. Journal of the Korean Physical Society, 2011, 59, 2106-2109.	0.3	0
140	Characterization of the New n_TOF Neutron Beam: Fluence, Profile and Resolution. Journal of the Korean Physical Society, 2011, 59, 1624-1627.	0.3	0
141	Forthcoming (n, $\hat{1}^3$) measurements on the Fe and Ni isotopes at CERN n_TOF. Journal of Physics: Conference Series, 2010, 202, 012026.	0.3	0
142	Spatial and Source Multiplication Effects on the Area Ratio Reactivity Determination Method in a Strongly Heterogeneous Subcritical System. Nuclear Science and Engineering, 2010, 166, 134-144.	0.5	13
143	Nuclear data requirements for the ADS conceptual design EFIT: Uncertainty and sensitivity study. Annals of Nuclear Energy, 2010, 37, 1570-1579.	0.9	9
144	Neutron cross-sections for next generation reactors: New data from n_TOF. Applied Radiation and Isotopes, 2010, 68, 643-646.	0.7	7

#	ARTICLE	IF	CITATIONS
145	Measurements of high-energy neutron-induced fission of ^{209}Pb and ^{209}Bi . EPJ Web of Conferences, 2010, 8, 07009 Neutron physics of the Re/Os clock. III. Resonance analyses and stellar ($\langle \text{mml:math} \rangle$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 727 Td (xmlns	0.1	2
146	cross sections of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Os} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$	1.1	36
147	$\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Au} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$ $\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 186 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle, \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 187 \langle \text{mml:mn} \rangle \langle \text{mml:mprescripts} \rangle$	1.1	55
148	The $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Zr} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$ $\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 92 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \rangle$ Tj ETQq1 1 0 7843 14 rgBT /Overlock 10 Neutron physics of the Re/Os clock. I: measurement of the ($\langle \text{mml:math} \rangle$ Tj ETQq1 1 0 7843 14 rgBT /Overlock 10 (xmlns	0.1	33
149	cross sections of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Os} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$	1.1	28
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151	Study of Neutron-Induced Fission Cross Sections of U, Am, and Cm at n_{\pm} TOF. , 2010, , . Neutron-induced fission cross section of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{U} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$		0
152	$\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 234 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Np} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$	1.1	72
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159	$\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 91 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \rangle$ Tj ETQq1 1 0 7843 14 rgBT /Overlock 10 Neutron capture cross section of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Zr} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$	1.1	34
160	Bottleneck in the $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 90 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$: Physical Review C, 2008, 77, . process reaction flow.	1.1	44
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