

Milan KrtiÄka

List of Publications by Year in descending order

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Version: 2024-02-01

307
papers

4,324
citations

109321

35
h-index

175258

52
g-index

332
all docs

332
docs citations

332
times ranked

1603
citing authors

#	ARTICLE	IF	CITATIONS
1	First $^{80}\text{Se}(n, \gamma)^{81}\text{Se}$ cross section measurement with high resolution in the full stellar energy range 1 eV - 100 keV and its astrophysical implications for the s -process. EPJ Web of Conferences, 2022, 260, 11026.	0.3	0
2	Measurement of the $^{92}\text{Zr}(n, \gamma)^{93}\text{Zr}$ cross section over a wide neutron energy range at the CERN n_TOF facility. Physical Review C, 2021, 103, .	2.9	1
3	Constraints on the dipole photon strength for the odd uranium isotopes. Physical Review C, 2022, 105, .	2.9	1
4	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, .	2.9	3
5	First Results of the $^{140}\text{Ce}(n, \gamma)^{141}\text{Ce}$ Cross-Section Measurement at n_TOF. Universe, 2021, 7, 200.	2.5	4
6	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.	2.5	16
7	Measurement of the $^{26}\text{Al}(n, \gamma)^{27}\text{Al}$ cross section in massive stars: Study of the γ -ray emitter. EPJ Web of Conferences, 2021, 239, 01041.	2.9	10
8	Measurement of the $^{76}\text{Ge}(n, \gamma)^{77}\text{Ge}$ cross section at the n_TOF facility at CERN. Physical Review C, 2021, 104, .	2.9	3
9	Neutron Capture on Actinides Studied with DANCE. Springer Proceedings in Physics, 2021, , 173-178.	0.2	0
10	Neutron Capture on the s -Process Branching Point ^{207}Tm . EPJ Web of Conferences, 2021, 239, 01041.	2.9	21
11	Measurement and analysis of $^{155,157}\text{Gd}(n, \gamma)$ from thermal energy to 1 keV. EPJ Web of Conferences, 2020, 239, 01041.	0.3	0
12	Monte Carlo simulations and n-p differential scattering data measured with Proton Recoil Telescopes. EPJ Web of Conferences, 2020, 239, 01024.	0.3	5
13	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, .	2.9	7
14	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.	0.4	2
15	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.	0.3	0
16	$^{80}\text{Se}(n, \gamma)^{81}\text{Se}$ cross-section measurement at CERN n TOF. Journal of Physics: Conference Series, 2020, 1668, 012001.	0.4	1
17	Review and new concepts for neutron-capture measurements of astrophysical interest. Journal of Physics: Conference Series, 2020, 1668, 012013.	0.4	1

#	ARTICLE	IF	CITATIONS
19	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
20	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.	1.6	2
21	Examination of photon strength functions and nuclear level density in ^{196}Pt from the $^{196}\text{Pt}(n,\gamma)^{197}\text{Pt}$ -ray spectra measured at the DANCE facility. Physical Review C, 2020, 101, .	2.9	3
22	Measurement of the $^{154}\text{Gd}(n,\gamma)$ cross section and its astrophysical implications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135405.	4.1	12
23	Preliminary results on the ^{233}U β -ratio measurement at n_TOF. EPJ Web of Conferences, 2020, 239, 01043.	0.3	2
24	Status and perspectives of the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2020, 239, 17001.	0.3	3
25	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.	0.3	0
26	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.	0.3	0
27	The ^{154}Gd neutron capture cross section measured at the n_TOF facility and its astrophysical implications. EPJ Web of Conferences, 2020, 239, 07003.	0.3	0
28	Study of photon strength functions of ^{241}Pu and ^{245}Cm from neutron capture measurements. EPJ Web of Conferences, 2020, 239, 01015.	0.3	2
29	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.	0.3	0
30	Measurement of the ^{244}Cm capture cross sections at both CERN n_TOF experimental areas. EPJ Web of Conferences, 2020, 239, 01034.	0.3	4
31	Neutron capture cross section measurements of ^{241}Am at the n_TOF facility. EPJ Web of Conferences, 2020, 239, 01009.	0.3	2
32	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.	0.3	3
33	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.	2.5	20
34	Measurement of the ^{70}Ge cross section up to 300 keV at the CERN n_TOF facility. Physical Review C, 2019, 100, .	2.9	13
35	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.	0.3	3
36	Reference database for photon strength functions. European Physical Journal A, 2019, 55, 1.	2.5	74

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37	Cross section measurements of $^{155,157}\text{Gd}(n,\gamma)^{\hat{3}}$ induced by thermal and epithermal neutrons. European Physical Journal A, 2019, 55, 1.	2.5	23
38	Measurement of the $^{65}\text{Cu}(n,\gamma)^{\hat{3}}$ cross section using the Detector for Advanced Neutron Capture Experiments at LANL. Physical Review C, 2019, 99, .	2.9	9
39	Constraints on the dipole photon strength functions from experimental multistep cascade spectra. Physical Review C, 2019, 99, .	2.9	9
40	Measurement of $^{73}\text{Ge}(n,\hat{3})$ cross sections and implications for stellar nucleosynthesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 458-465.	4.1	11
41	Statistical neutron capture in the limit of low nuclear level density. Physical Review C, 2019, 99, .	2.9	0
42	Radiative-capture cross sections for the $^{139}\text{La}(n,\gamma)^{\hat{3}}$ reaction using thermal neutrons and structural properties of ^{139}La . Physical Review C, 2019, 99, .	2.9	0
43	Measurement of the ^{244}Cm and ^{246}Cm Neutron-Induced Cross Sections at the n_TOF Facility. Springer Proceedings in Physics, 2019, , 117-122.	0.2	0
44	$^{7}\text{Be}(n,p)^{\hat{7}}\text{Li}$ Cross Section Measurement for the Cosmological Lithium Problem at the n_TOF Facility at CERN. Springer Proceedings in Physics, 2019, , 25-32.	0.2	0
45	Preparation and characterization of ^{244}Cm samples for $^{244}\text{Cm}(n,\gamma)^{\hat{3}}$ measurement at n_TOF facility at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 890, 142-147.	1.6	2
46	Radiative neutron capture on ^{242}Pu in the resonance region at the CERN n_TOF-EAR1 facility. Physical Review C, 2018, 97, .	2.9	21
47	Experimental setup and procedure for the measurement of the $^{7}\text{Be}(n,p)^{\hat{7}}\text{Li}$ reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 887, 27-33.	1.6	14
48	Neutron inelastic scattering measurements on ^{136}Xe at $E_n=0.7$ to 100 MeV. Physical Review C, 2018, 98, .	2.9	2
49	Neutron capture cross section of ^{85}Kr . Journal of Physics: Conference Series, 2018, 940, 012042.	0.4	0
50	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.	0.3	1
51	First Measurement of $^{72}\text{Ge}(n,\hat{3})$ at n_TOF. EPJ Web of Conferences, 2018, 184, 02005.	0.3	0
52	Measurement and analysis of the $^{241}\text{Am}(n,\gamma)^{\hat{3}}$ neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2018, 97, .	2.9	9
53	Measurement and resonance analysis of the $^{7}\text{Be}(n,p)^{\hat{7}}\text{Li}$ reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 887, 27-33.	7.8	58
54	Measurement and resonance analysis of the $^{33}\text{S}(n,\gamma)^{\hat{3}}$ cross section at the CERN n_TOF facility in the ener. Physical Review C, 2018, 97, .	2.9	8

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73	Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002.	0.3	3
74	High precision measurement of the radiative capture cross section of ^{238}U at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11028.	0.3	0
75	Time-of-flight and activation experiments on ^{147}Pm and ^{171}Tm for astrophysics. EPJ Web of Conferences, 2017, 146, 01007.	0.3	0
76	The $^{33}\text{S}(n,\hat{\pm})^{30}\text{Si}$ cross section measurement at n_TOF-EAR2 (CERN): From 0.01 eV to the resonance region. EPJ Web of Conferences, 2017, 146, 08004.	0.3	3
77	Measurement of the $^{240}\text{Pu}(n,f)$ cross-section at the CERN n_TOF facility: First results from experimental area II (EAR-2). EPJ Web of Conferences, 2017, 146, 04030.	0.3	6
78	Measurement of the neutron capture cross section of the fissile isotope ^{235}U with the CERN n_TOF total absorption calorimeter and a fission tagging based on micromegas detectors. EPJ Web of Conferences, 2017, 146, 11021.	0.3	7
79	Measurement of the ^{241}Am neutron capture cross section at the n_TOF facility at CERN. EPJ Web of Conferences, 2017, 146, 11022.	0.3	1
80	Developments in capture- $\hat{\pm}^3$ libraries for nonproliferation applications. EPJ Web of Conferences, 2017, 146, 09008.	0.3	2
81	The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001.	0.3	3
82	Towards the high-accuracy determination of the ^{238}U fission cross section at the threshold region at CERN n_TOF. EPJ Web of Conferences, 2016, 111, 02002.	0.3	2
83	High accuracy $^{235}\text{U}(n,f)$ data in the resonance energy region. EPJ Web of Conferences, 2016, 111, 02003.	0.3	7
84	Experiments with neutron beams for the astrophysical s process. Journal of Physics: Conference Series, 2016, 665, 012020.	0.4	2
85	Measurement of neutron capture on ^{136}Xe . Physical Review C, 2016, 94, .	0.3	8
86	Nuclear data activities at the n_TOF facility at CERN. European Physical Journal Plus, 2016, 131, 1.	2.6	26
87	Measurement of the $^{7}\text{Be}(n,\hat{\pm})^{6}\text{Li}$ cross section at the n_TOF facility. EPJ Web of Conferences, 2016, 146, 01007.	7.8	94
88	$\hat{\pm}^3$ -ray decay from neutron-bound and unbound states in ^{95}Mo and a novel technique for spin determination. Physical Review C, 2016, 93, .	2.9	5
89	Consistency of photon strength function models with data from the $^{94}\text{Mo}(d,\hat{\pm}^3\hat{\pm}^3)$ reaction. Physical Review C, 2016, 93, .	2.9	7
90	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, .	2.9	11

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91	Investigation of $^{186}\text{W}(n,\gamma)^{187}\text{W}$ via radiative thermal-neutron capture on ^{186}W . Physical Review C, 2016, 93, .	2.9	10
92	Fission Fragment Angular Distribution measurements of ^{235}U and ^{238}U at CERN n_TOF facility. EPJ Web of Conferences, 2016, 111, 10002.	0.3	14
93	Integral measurement of the $^{12}\text{C}(n,p)^{12}\text{B}$ reaction up to 10 GeV. European Physical Journal A, 2016, 52, 1.	2.5	9
94	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.	1.6	21
95	Investigation of the Photon Strength Function in ^{130}Te . Journal of Physics: Conference Series, 2016, 665, 012039.	0.4	0
96	Nuclear Data for the Thorium Fuel Cycle and the Transmutation of Nuclear Waste. , 2016, , 207-214.		1
97	Measurement of the $^{97}\text{Zr}(n,\gamma)^{98}\text{Zr}$ cross section with the DANCE calorimeter. Physical Review C, 2015, 92, .	2.9	7
98	Radiative thermal neutron capture cross sections for the $^{180}\text{W}(n,\gamma)^{181}\text{W}$ and determination of the neutron separation energy. Physical Review C, 2015, 92, .	2.9	8
99	Following thermal neutron capture in ^{155}Gd cascades. Physical Review C, 2015, 92, .	2.9	24
100	Sections measured with DANCE. Physical Review C, 2015, 92, .	0.3	7
101	Updated Photonuclear Data Library and Database for Photon Strength Functions. EPJ Web of Conferences, 2015, 93, 06004.	0.3	3
102	Scissors Mode of ^{162}Dy Studied from Resonance Neutron Capture. EPJ Web of Conferences, 2015, 93, 01037.	0.3	2
103	Photon strength functions in ^{177}Lu : Study of scissors resonance in high-spin region. EPJ Web of Conferences, 2015, 93, 01054.	0.3	0
104	Experimental neutron capture data of ^{58}Ni from the CERN n_TOF facility. EPJ Web of Conferences, 2015, 93, 02009.	0.3	1
105	Photon Strength Functions from Two-Step $^3\text{Cascades}$ Experiment on $^{155,157}\text{Gd}$. EPJ Web of Conferences, 2015, 93, 01036.	0.3	0
106	Distribution of total radiation widths for neutron resonances of Pt isotopes. EPJ Web of Conferences, 2015, 93, 01049.	2.9	24
107	High-accuracy determination of the $^{235}\text{U}(n,\gamma)^{236}\text{U}$ cross section. Physical Review C, 2015, 92, .	1.6	82
108	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.		

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109	The nucleosynthesis of heavy elements in Stars: the key isotope ^{25}Mg . EPJ Web of Conferences, 2014, 66, 07016.	0.3	1
110	Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). EPJ Web of Conferences, 2014, 66, 10001.	0.3	2
111	Neutron cross-sections for advanced nuclear systems: the n_TOF project at CERN. EPJ Web of Conferences, 2014, 79, 01003.	0.3	0
112	Decay pattern of the Pygmy Dipole Resonance in ^{130}Te . EPJ Web of Conferences, 2014, 66, 02055.	0.3	0
113	Photon strength functions in Gd isotopes studied from radiative capture of resonance neutrons. EPJ Web of Conferences, 2014, 69, 00018.	0.3	0
114	$^{238}\text{U}(n, \hat{p}^3)$ reaction cross section measurement with C6D6 detectors at the n_TOF CERN facility.. EPJ Web of Conferences, 2014, 66, 03061.	0.3	1
115	Photon strength and the low-energy enhancement. , 2014, , . Cross section and \hat{p}^3 -ray spectra		0
116	for ^{238}U \hat{p}^3 -ray spectra		

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127	The $(n, \hat{1}\pm)$ Reaction in the s-process Branching Point ^{59}Ni . Nuclear Data Sheets, 2014, 120, 208-210.	2.2	14
128	GEANT4 simulation of the neutron background of the C6D6 set-up for capture studies at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 760, 57-67.	1.6	31
129	Radiative Capture Cross Sections of $^{155,157}\text{Gd}$ for Thermal Neutrons. Nuclear Science and Engineering, 2014, 177, 219-232.	1.1	16
130	Neutron cross-sections for advanced nuclear systems: the n_TOF project at CERN. EPJ Web of Conferences, 2014, 79, 01003.	0.3	0
131	Neutron resonance data exclude random matrix theory. Fortschritte Der Physik, 2013, 61, 80-94.	4.4	11
132	Constraining nuclear photon strength functions by the decay properties of photo-excited states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 361-365.	4.1	42
133	Cascade $\hat{1}^3$ rays following capture of thermal neutrons on ^{113}Cd . Physical Review C, 2013, 88, .	2.9	8
134	High-accuracy determination of the neutron flux at n_TOF. European Physical Journal A, 2013, 49, 1.	2.5	71
135	Performance of the neutron time-of-flight facility n_TOF at CERN. European Physical Journal A, 2013, 49, 1.	2.5	205
136	Measurement of the neutron-induced fission cross-section of ^{241}Am at the time-of-flight facility n_TOF. European Physical Journal A, 2013, 49, 1.	2.5	9
137	A new CVD diamond mosaic-detector for $(n, \hat{1}^3)$ experiments on tin isotopes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Detectors and Associated Equipment, 2013, 732, 190-194.	1.6	26
138	Neutron Capture Cross Section of Unstable ^{63}Ni : Implications for Stellar Nucleosynthesis. Physical Review Letters, 2013, 110, 022501.	7.8	44
139	$\hat{1}^3$ -ray cascade transitions in ^{112}Cd and ^{114}Cd following resonance capture of epithermal neutrons. Physical Review C, 2013, 87, .	2.9	14
140	Strength of the scissors mode in odd-mass Gd isotopes from the radiative capture of resonance neutrons. Physical Review C, 2013, 88, .	2.9	26
141	$(n, \hat{1}^3)$ Experiments on tin isotopes. , 2013, , .		0
142	Neutron research at the N_TOF facility (CERN): Results and perspectives. , 2013, , .		0
143	Scissors mode of Gd nuclei measured, with the DANCE detector. Physica Scripta, 2013, T154, 014009.	2.5	4
144	The $\hat{1}^3$ -ray cascade transitions in ^{93}Zr reaction up to 8 keV neutron energy. Physical Review C, 2013, 87, .	2.9	39

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145	Thermal neutron capture cross sections of the potassium isotopes. Physical Review C, 2013, 87, .	2.9	19
146	Photon strength functions of ^{156}Gd from radiative capture of resonance neutrons. Physical Review C, 2013, 87, .	2.9	20
147	THE LATEST ON NEUTRON-INDUCED CAPTURE AND FISSION MEASUREMENTS AT THE CERN n_TOF FACILITY. , 2013, , .		1
148	Angular distribution in the neutron-induced fission of actinides. EPJ Web of Conferences, 2013, 62, 08003.	0.3	1
149	THE Am-243 NEUTRON CAPTURE MEASUREMENT AT THE n_TOF FACILITY. , 2013, , .		0
150	EXPERIMENTS WITH NEUTRONS AND PHOTONS AT ELBE. , 2013, , .		0
151	Scissors mode of Gd nuclei studied from resonance neutron capture. , 2012, , .		0
152	Dipole strength in ^{78}Se below the neutron separation energy from a combined analysis of $^{77}\text{Se}(n,\hat{p}^3)$ and $^{78}\text{Se}(\hat{p}^3,\hat{p}^3\hat{\alpha}^2)$ experiments. Physical Review C, 2012, 85, .	2.9	42
153	Neutron resonance parameters in ^{155}Gd measured with the DANCE \hat{p}^3 -ray calorimeter array. Physical Review C, 2012, 85, .	2.9	16
154	Measurement of resolved resonances of $^{232}\text{Th}(n,\hat{p}^3)$ at the n_TOF facility at CERN. Physical Review C, 2012, 85, .	2.9	23
155	Publisher's Note: Measurement of resolved resonances of $^{232}\text{Th}(n,\hat{p}^3)$ at the n_TOF facility at CERN. Physical Review C, 2012, 85, .	2.9	23
156	Measurement and resonance analysis of the ^{237}Np neutron capture cross section. Physical Review C, 2012, 85, .	2.9	26
157	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, .	2.9	13
158	Do light nuclei display a universal \hat{p}^3 -ray strength function?. EPJ Web of Conferences, 2012, 21, 04004.	0.3	0
159	Thermal Neutron Capture onto the Stable Tungsten Isotopes. EPJ Web of Conferences, 2012, 21, 10005.	0.3	0
160	Neutron capture experiments with \hat{p}^3 DANCE Calorimeter. EPJ Web of Conferences, 2012, 21, 03002.	0.3	0
161	Neutron-induced fission cross section measurement of ^{233}U , ^{241}Am and ^{243}Am in the energy range 0.5 MeV $\hat{\alpha}^{1/2}$ \hat{E} of \hat{p}^3 neutrons at n_TOF at CERN. Physica Scripta, 2012, T150, 014005.	2.5	2
162	Anomalous properties of neutron resonances in Pt isotopes. Journal of Physics: Conference Series, 2012, 337, 012012.	0.4	0

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163	Evidence for radiative coupling of the pygmy dipole resonance to excited states. Physical Review C, 2012, 86, .	2.9	60
164	Low-Energy Enhancement in the Photon Strength of ^{95}Mo . Physical Review Letters, 2012, 108, 162503.	7.8	72
165	Resonance neutron-capture cross sections of stable magnesium isotopes and their astrophysical implications. Physical Review C, 2012, 85, .	2.9	55
166	Nuclear level density and β -ray strength function of ^{43}Sc . Physical Review C, 2012, 85, .	2.9	24
167	Criticality experiments for validation of cross sections: the ^{237}Np case. EPJ Web of Conferences, 2012, 21, 03003.	0.3	1
168	Scissors Mode in Gd Nuclei. EPJ Web of Conferences, 2012, 21, 04005.	0.3	3
169	Present status and future programs of the n_TOF experiment. EPJ Web of Conferences, 2012, 21, 03001.	0.3	2
170	Simultaneous measurement of neutron-induced capture and fission reactions at CERN. European Physical Journal A, 2012, 48, 1.	2.5	19
171	Fermi's golden rule applied to the β decay in the quasicontinuum of ^{46}Ti . Physical Review C, 2011, 83, .	2.9	21
172	Astrophysics at n_TOF Facility at CERN. Journal of Physics: Conference Series, 2011, 312, 042024.	0.4	0
173	Neutron measurements for advanced nuclear systems: The n_TOF project at CERN. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 3251-3257.	1.4	10
174	Neutron-induced fission cross-section of ^{233}U in the energy range 0.5 < En < 20 MeV. European Physical Journal A, 2011, 47, 1.	2.5	15
175	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.	2.5	11
176	Optimized ^{13}C multiplicity β spin assignments of s-wave neutron resonances. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 647, 73-85.	1.6	8
177	Photon Strength Functions at the low-energy tail of the GEDR Obtained from Different Reactions. , 2011, , .		0
178	Evidence for the Scissors Mode in ^{160}Tb from the Two-Step Gamma Cascades Measurement. , 2011, , .		0
179	The $^{237}\text{Np}(n,f)$ cross section at the CERN n-TOF facility. , 2011, , .		1
180	Analysis of possible systematic errors in the Oslo method. Physical Review C, 2011, 83, .	2.9	118

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181	$\int_0^1 \frac{1}{x^2} dx = \left[-\frac{1}{x} \right]_0^1 = -1 - \lim_{x \rightarrow 0^+} \left(-\frac{1}{x} \right) = -1 + \lim_{x \rightarrow 0^+} \frac{1}{x} = -1 + \infty = \infty$ Measurement of the	2.9	17
182	$\int_0^1 \frac{1}{x^2} dx = \left[-\frac{1}{x} \right]_0^1 = -1 - \lim_{x \rightarrow 0^+} \left(-\frac{1}{x} \right) = -1 + \lim_{x \rightarrow 0^+} \frac{1}{x} = -1 + \infty = \infty$		

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199	Fission Cross-section Measurements of ^{233}U , ^{245}Cm and $^{241};^{243}\text{Am}$ at CERN n_TOF Facility. Journal of the Korean Physical Society, 2011, 59, 1912-1915.	0.7	3
200	New Techniques for Determining Spins and Parities of Neutron Resonances and Their Impact on Nuclear Astrophysics. Journal of the Korean Physical Society, 2011, 59, 2088-2093.	0.7	5
201	Capture Gamma-ray Libraries for Nuclear Applications. Journal of the Korean Physical Society, 2011, 59, 1473-1478.	0.7	1
202	Photon Strength Functions of Medium-Weight and Heavy Nuclei. Journal of the Korean Physical Society, 2011, 59, 809-814.	0.7	0
203	High-energy Neutron-induced Fission Cross Sections of Natural Lead and Bismuth-209. Journal of the Korean Physical Society, 2011, 59, 1904-1907.	0.7	0
204	The Role of Fe and Ni for S-Process Nucleosynthesis and Innovative Nuclear Technologies. Journal of the Korean Physical Society, 2011, 59, 2106-2109.	0.7	0
205	Characterization of the New n_TOF Neutron Beam: Fluence, Profile and Resolution. Journal of the Korean Physical Society, 2011, 59, 1624-1627.	0.7	0
206	Forthcoming (n, \hat{I}^3) measurements on the Fe and Ni isotopes at CERN n_TOF. Journal of Physics: Conference Series, 2010, 202, 012026.	0.4	0
207	Level Densities and \hat{I}^3 Strength Functions in Light Sc and Ti Isotopes. EPJ Web of Conferences, 2010, 2, 03003.	0.3	0
208	Neutron cross-sections for next generation reactors: New data from n_TOF. Applied Radiation and Isotopes, 2010, 68, 643-646.	1.5	7
209	Measurements of high-energy neutron-induced fission of ^{208}Pb and ^{209}Bi . EPJ Web of Conferences, 2010, 8, 07009.	0.3	2
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212	Anomalous Fluctuations of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal" \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$ -Wave Reduced Neutron Widths of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Pt} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle$	7.8	50
213	display="inline" Lemm $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal" \rangle Au \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$	2.9	55
214	The $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal" \rangle Zr \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$	2.9	33
215	cross sections of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal" \rangle Os \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$	2.9	28
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