

Rene Reifarth

List of Publications by Year in descending order

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Version: 2024-02-01

361
papers

7,115
citations

53794

45
h-index

102487

66
g-index

379
all docs

379
docs citations

379
times ranked

2848
citing authors

#	ARTICLE	IF	CITATIONS
1	The status and future of direct nuclear reaction measurements for stellar burning. Journal of Physics G: Nuclear and Particle Physics, 2022, 49, 010501.	3.6	13
2	Isotopic cross sections of fragmentation residues produced by light projectiles on carbon near 400 MeV . Physical Review C, 2022, 105, .	2.9	2
3	Activation measurements of neutron capture cross sections at various temperatures. EPJ Web of Conferences, 2022, 260, 11012.	0.3	0
4	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
5	Reactor activations to constrain astrophysically relevant cross sections. EPJ Web of Conferences, 2022, 260, 11035.	0.3	1
6	Investigation of the $^7\text{Li}(p, n)$ neutron yields at high energies. EPJ Web of Conferences, 2022, 260, 11005.	0.3	0
7	and $^{92}\text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 487 Td}$ (xmlns:mml="http://www.w3.org/1998/Math/MathML")		
8	Constraints on the dipole photon strength for the odd uranium isotopes. Physical Review C, 2022, 105, .	2.9	1
9	Unveiling the two-proton halo character of ^{17}Ne : Exclusive measurement of quasi-free proton-knockout reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136957.	4.1	6
10	Neutron activation of ^{69}Ga and ^{71}Ga at $\sim 25 \text{ keV}$. Physical Review C, 2021, 103, .	2.9	2
11	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	2
12	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
13	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
14	Determination of the $^{209}\text{Bi}(n, \gamma)^{210}\text{gBi}$ cross section using the NICE detector. Physical Review C, 2021, 103, .	2.9	2
15	s -Processing in Asymptotic Giant Branch Stars in the Light of Revised Neutron-Capture Cross Sections. Universe, 2021, 7, 239.	2.5	3
16	Stellar s -process neutron capture cross sections on ^{78}Kr γ -ray emitter ^{84}Kr γ -ray emitter ^{84}Kr γ -ray emitter ^{84}Kr γ -ray emitter	2.9	6
17	^{26}Al in massive stars: Study of the key $^{26}\text{Al}(n, \gamma)^{27}\text{Al}$ reaction.	2.9	10
18	Destruction of the cosmic ^{26}Al γ -ray emitter ^{26}Al in massive stars: Study of the key $^{26}\text{Al}(n, \gamma)^{27}\text{Al}$ reaction. Physical Review C, 2021, 104, .	2.9	6

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19	Neutron capture cross sections of light neutron-rich nuclei relevant for α -process nucleosynthesis. Physical Review C, 2021, 104, .	2.9	3
20	NeuLAND: The high-resolution neutron time-of-flight spectrometer for R3B at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1014, 165701.	1.6	19
21	Future Perspectives for Surrogate-Reaction Studies at Storage Rings. Springer Proceedings in Physics, 2021, , 209-215.	0.2	1
22	Measurement of the α -process branching point $^{76}\text{Ge}(n,\alpha)^{73}\text{Kr}$ in physical form at $^{76}\text{Ge}(n,\alpha)^{73}\text{Kr}$ reaction at the n_TOF/EAR2 facility in the 9 MeV range. Physical Review C, 2021, 102, .	2.9	3
23	Measurement of the α -process branching point $^{76}\text{Ge}(n,\alpha)^{73}\text{Kr}$ in physical form at $^{76}\text{Ge}(n,\alpha)^{73}\text{Kr}$ reaction at the n_TOF/EAR2 facility in the 9 MeV range. Physical Review C, 2021, 102, .	2.9	3
24	Measurement and analysis of $^{155,157}\text{Gd}(n,\alpha)^{154,156}\text{Eu}$ from thermal energy to 1 keV. EPJ Web of Conferences, 2020, 239, 01041.	0.3	0
25	Monte Carlo simulations and n-p differential scattering data measured with Proton Recoil Telescopes. EPJ Web of Conferences, 2020, 239, 01024.	0.3	5
26	Shell-model studies of the astrophysical α -process reactions $^{34}\text{S}(p,\alpha)^{33}\text{Cl}$ and $^{34}\text{S}(p,\alpha)^{33}\text{Ar}$. Physical Review C, 2020, 102, .	2.9	4
27	Investigation of the α -process branching point $^{240}\text{Pu}(n,\alpha)^{239}\text{Am}$ reaction at the n_TOF/EAR2 facility in the 9 MeV range. Physical Review C, 2020, 102, .	2.9	7
28	Towards background-free studies of capture reactions in a heavy-ion storage ring. Journal of Physics: Conference Series, 2020, 1412, 232011.	0.4	0
29	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
30	Coulomb dissociation of ^{16}O into ^4He and ^{12}C . Journal of Physics: Conference Series, 2020, 1668, 012016.	0.4	2
31	Indirect measurements of neutron cross-sections at heavy-ion storage rings. Journal of Physics: Conference Series, 2020, 1668, 012019.	0.4	2
32	Determination of luminosity for in-ring reactions: A new approach for the low-energy domain. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 982, 164367.	1.6	2
33	Partial cross sections of $^{181}\text{Ta}(n,\alpha)^{178}\text{Ta}$ using BEGe detectors. Journal of Physics: Conference Series, 2020, 1668, 012018.	0.4	0
34	Stellar $^{78,80,84,86}\text{Kr}(n,\alpha)$ Reactions Studied by Activation at SARAF-LiLiT, Atom Trap Trace Analysis and Decay Counting. Journal of Physics: Conference Series, 2020, 1668, 012043.	0.4	1
35	Towards background-free studies of capture reaction in a heavy-ion storage ring. Journal of Physics: Conference Series, 2020, 1668, 012046.	0.4	3

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37	New reaction rates for the destruction of ${}^7\text{Be}$ 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
38	${}^{80}\text{Se}(n, \hat{\beta}^-)$ cross-section measurement at CERN n_TOF. Journal of Physics: Conference Series, 2020, 1668, 012001.	0.4	1
39	Review and new concepts for neutron-capture measurements of astrophysical interest. Journal of Physics: Conference Series, 2020, 1668, 012013.	0.4	1
40	Probing the $Z\hat{\epsilon}^{-}=\hat{\alpha}^{-}6$ spin-orbit shell gap with (p,2p) quasi-free scattering reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135748.	4.1	2
41	NICE - Neutron Induced Charged particle Emission. Journal of Physics: Conference Series, 2020, 1668, 012021.	0.4	2
42	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
43	Electron capture of ${}^{\text{mml:math}}\text{Xe}$ in collisions with ${}^{\text{mml:math}}\text{H}$	2.5	7
44	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
45	and the Position of the ${}^{\text{mml:math}}\text{Sn}$	7.8	12
46	Measurement of the ${}^{154}\text{Gd}(n, \hat{\beta}^-)$ cross section and its astrophysical implications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135405.	4.1	12
47	Investigation of ${}^{54}\text{Fe}(n, \hat{\beta}^-){}^{55}\text{Fe}$ and ${}^{35}\text{Cl}(n, \hat{\beta}^-){}^{36}\text{Cl}$ reaction cross sections at keV energies by Accelerator Mass Spectrometry. EPJ Web of Conferences, 2020, 232, 02005.	0.3	3
48	Preliminary results on the ${}^{233}\text{U}$ $\hat{\pm}$ -ratio measurement at n_TOF. EPJ Web of Conferences, 2020, 239, 01043.	0.3	2
49	Status and perspectives of the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2020, 239, 17001.	0.3	3
50	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.	0.3	0
51	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
52	Measurement of the ${}^{242}\text{Pu}(n, \hat{\beta}^-)$ 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.	0.3	0
53	Shell-model studies of the astrophysical rp-process reactions ${}^{34}\text{S}(p, \hat{\beta}^-){}^{35}\text{Cl}$ and ${}^{34}\text{g,m Cl}(p, \hat{\beta}^-){}^{35}\text{Ar}$. Journal of Physics: Conference Series, 2020, 1643, 012064.	0.4	0
54	Study of the neutron-induced fission cross section of ${}^{237}\text{Np}$ at CERN's n_TOF facility over a wide energy range. EPJ Web of Conferences, 2020, 239, 05006.	0.3	0

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55	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
56	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
57	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
58	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.	0.3	0
59	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
60	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.	0.3	4
61	Neutron capture cross section measurements of ^{241}Am at the n_TOF facility. EPJ Web of Conferences, 2020, 239, 01009.	0.3	2
62	Investigation of the $^7\text{Li}(p,n)$ neutron fields at high energies. Journal of Physics: Conference Series, 2020, 1668, 012003.	0.4	0
63	Quasi-free neutron and proton knockout reactions from light nuclei in a wide neutron-to-proton asymmetry range. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 682-688.	4.1	18
64	Thermal $(n, \hat{1}^3)$ cross section and resonance integral of $\text{Tm}171$. Physical Review C, 2019, 99, .	2.9	2
65	Fission program at n_TOF. EPJ Web of Conferences, 2019, 211, 03006.	0.3	1
66	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
67	Galactic Chemical Evolution of Radioactive Isotopes. Astrophysical Journal, 2019, 878, 156.	4.5	35
68	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
69	Measurement of the $^{70}\text{Ge}(n, \hat{1}^3)$ cross section up to 300 keV at the CERN n_TOF facility. Physical Review C, 2019, 100, .	2.9	13
70	New test of modulated electron capture decay of hydrogen-like ^{142}Pm ions: Precision measurement of purely exponential decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134800.	4.1	13
71	Study of the photon strength functions and level density in the gamma decay of the $n + ^{234}\text{U}$ reaction. EPJ Web of Conferences, 2019, 211, 02002.	0.3	2
72	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

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73	Quasi-free proton knockout from ^{12}C on carbon target at 398 MeV/u. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134802.	4.1	6
74	Accelerator mass spectrometry measurement of the reaction $\text{Cl}^{35}(\text{n}, \hat{1}^3)\text{Cl}^{36}$ at keV energies. Physical Review C, 2019, 99, .	2.9	10
75	Cross section measurements of $^{155,157}\text{Gd}(\text{n}, \gamma)^{156,157}\text{Gd}$ induced by thermal and epithermal neutrons. European Physical Journal A, 2019, 55, 1.	2.5	23
76	Constraining the Neutron Star Compactness: Extraction of the $\langle \mathbf{Al} \rangle$		

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91	Comparison of electromagnetic and nuclear dissociation of ^{17}Ne . Physical Review C, 2018, 97, .	2.9	7
92	Nuclear astrophysics at FRANZ. Journal of Physics: Conference Series, 2018, 940, 012024.	0.4	3
93	Neutron-induced cross sections. European Physical Journal Plus, 2018, 133, 1.	2.6	41
94	Neutron capture cross section of ^{85}Kr . Journal of Physics: Conference Series, 2018, 940, 012042.	0.4	0
95	Development of a detector in order to investigate (n, \hat{p}^3) -cross sections by ToF method with a very short flight path. Journal of Physics: Conference Series, 2018, 940, 012060.	0.4	1
96	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
97	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.	7.8	16
98	First Measurement of $^{72}\text{Ge}(n, \hat{p}^3)$ at n_TOF. EPJ Web of Conferences, 2018, 184, 02005.	0.3	0
99	Measurement and analysis of the ^{241}Am neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2018, 97, .	2.9	9
100	Treatment of isomers in nucleosynthesis codes. International Journal of Modern Physics A, 2018, 33, 1843011.	1.5	18
101	Structure of ^{7}Be . Physical Review C, 2018, 97, .	7.8	58
102	^{13}Be studied in proton knockout from ^{14}Be . Physical Review C, 2018, 97, .	2.9	9
103	Structure of ^{33}S . Physical Review C, 2018, 97, .	2.9	8
104	Alpha-induced reactions on selenium between 11 and 15 MeV. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 075101.	3.6	1
105	Neutron spectroscopy of ^{26}Mg states: Constraining the stellar neutron source $^{22}\text{Ne}(\hat{p}, n)^{25}\text{Mg}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 1-6.	4.1	32
106	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, .	2.9	12
107	Coulomb breakup of neutron-rich $^{29,30}\text{Na}$ isotopes near the island of inversion. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 045101.	3.6	3
108	High-accuracy determination of the neutron flux in the new experimental area n_TOF-EAR2 at CERN. European Physical Journal A, 2017, 53, 1.	2.5	41

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109	Measurement of the thermal and stellar $^{54}\text{Fe}(n,\gamma)^{55}\text{Fe}$ cross sections via absolute β -counting. EPJ Web of Conferences, 2017, 146, 03030.	0.3	0
110	Monte carlo simulations of the n_TOF lead spallation target with the Geant4 toolkit: A benchmark study. EPJ Web of Conferences, 2017, 146, 03030.	0.3	0
111	Determination of the neutron-capture rate of C17 for r-process nucleosynthesis. Physical Review C, 2017, 95, .	2.9	10
112	Proton and $\hat{L}\pm$ capture studies for nuclear astrophysics at GSI storage rings. Journal of Physics: Conference Series, 2017, 875, 092015.	0.4	1
113	Measurement of the $^{63}\text{Cu}(n,\gamma)^{64}\text{Cu}$ cross section measured via 25 keV activation and time of flight. Physical Review C, 2017, 95, .	2.9	13
114	Studies at the border between nuclear and atomic physics: Weak decays of highly charged ions. Journal of Physics: Conference Series, 2017, 875, 012008.	0.4	3
115	Measurement of the $^{238}\text{U}(n,\hat{\gamma}^3)$ cross section up to 80 keV with the Total Absorption Calorimeter at the CERN n_TOF facility. Physical Review C, 2017, 96, .	2.9	8
116	Effective proton-neutron interaction near the drip line from unbound states in ^{25}F . Physical Review C, 2017, 96, .	2.9	14
117	Prospects for direct neutron capture measurements on s-process branching point isotopes. European Physical Journal A, 2017, 53, 1.	2.5	9
118	Reactor neutrons in nuclear astrophysics. EPJ Web of Conferences, 2017, 146, 01003.	0.3	1
119	The Nuclear Astrophysics program at n_TOF (CERN). EPJ Web of Conferences, 2017, 165, 01014.	0.3	1
120	$^{7}\text{Be}(n,\hat{\gamma}^{\pm})$ 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.	0.3	1
121	The ^{236}U neutron capture cross-section measured at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11054.	0.3	1
122	Constraining the rp-process by measuring $^{23}\text{Al}(d,n)^{24}\text{Si}$ with GRETINA and LENDA at NSCL. EPJ Web of Conferences, 2017, 165, 01055.	0.3	2
123	Characterization of the n_TOF EAR-2 neutron beam. EPJ Web of Conferences, 2017, 146, 03020.	0.3	1
124	High accuracy $^{234}\text{U}(n,f)$ cross section in the resonance energy region. EPJ Web of Conferences, 2017, 146, 04057.	0.3	1
125	The measurement programme at the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2017, 146, 11002.	0.3	2
126	New measurement of the $^{242}\text{Pu}(n,\hat{\gamma}^3)$ cross section at n_TOF-EAR1 for MOX fuels: Preliminary results in the RRR. EPJ Web of Conferences, 2017, 146, 11045.	0.3	1

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127	Neutron capture cross sections of ^{69}Ga and ^{71}Ga at 25 keV and $E_{\text{peak}} = 90$ keV. EPJ Web of Conferences, 2017, 146, 01014.	0.3	1
128	The n_TOF facility: Neutron beams for challenging future measurements at CERN. EPJ Web of Conferences, 2017, 146, 03001.	0.3	1
129	Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002.	0.3	3
130	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
131	Time-of-flight and activation experiments on ^{147}Pm and ^{171}Tm for astrophysics. EPJ Web of Conferences, 2017, 146, 01007.	0.3	0
132	The $^{33}\text{S}(n, \hat{n})^{30}\text{Si}$ 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
133	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
134	Neutron capture cross sections of Kr. EPJ Web of Conferences, 2017, 165, 01023.	0.3	1
135	Constraining astrophysical reaction rates: using the storage rings at FAIR/GSI. EPJ Web of Conferences, 2017, 165, 01033.	0.3	1
136	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
137	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
138	Spallation-based neutron target for direct studies of neutron-induced reactions in inverse kinematics. Physical Review Accelerators and Beams, 2017, 20, .	1.6	28
139	Ground-state configuration of neutron-rich ^{35}Al via Coulomb breakup. Physical Review C, 2017, 96, .	2.9	3
140	The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001.	0.3	3
141	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
142	High accuracy $^{235}\text{U}(n, f)$ data in the resonance energy region. EPJ Web of Conferences, 2016, 111, 02003.	0.3	7
143	Experiments with neutron beams for the astrophysical s -process. Journal of Physics: Conference Series, 2016, 665, 012020.	0.4	2
144	Experiments with radioactive target samples at FRANZ. Journal of Physics: Conference Series, 2016, 665, 012022.	0.4	1

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145	Nuclear astrophysics with radioactive ions at FAIR. Journal of Physics: Conference Series, 2016, 665, 012044.	0.4	9
146	Nuclear data activities at the n_TOF facility at CERN. European Physical Journal Plus, 2016, 131, 1.	2.6	26
147	Research on the Origin of the Stable, Proton-Rich Isotopes. Nuclear Physics News, 2016, 26, 14-19.	0.4	1
148	Sensitivity study for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" display="inline" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ process nucleosynthesis in AGB stars. Atomic Data and Nuclear Data Tables, 2016, 108, 1-14.	2.4	17
149	The production of proton-rich isotopes beyond iron: The \hat{I}^3 -process in stars. International Journal of Modern Physics E, 2016, 25, 1630003.	1.0	63
150	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Be} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 7 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle n \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle, \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I}^{\pm} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 20 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle, \langle \text{mml:mn} \rangle 21 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$	7.8	94
151	Direct experimental evidence for a multiparticle-hole ground state configuration of deformed Mg33. Physical Review C, 2016, 94, .	2.9	10
152	Physics book: CRYRING@ESR. European Physical Journal: Special Topics, 2016, 225, 797-882.	2.6	101
153	Systematic investigation of projectile fragmentation using beams of unstable B and C isotopes. Physical Review C, 2016, 93, .	2.9	11
154	Coulomb dissociation of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 20 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle, \langle \text{mml:mn} \rangle 21 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$	2.9	8
155	Neutron-induced fission cross section of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Np} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mn} \rangle 237 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ in the keV to MeV range at the CERN n_TOF facility. Physical Review C, 2016, 93, .	2.9	11
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163	$\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Ni} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 63 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{n} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 238 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{U} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 235 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{fission}$ sections measured with DANCE. <i>Physical Review C</i> , 2015, 92, 024602.	2.9	24
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