

Enrique Casarejos

List of Publications by Year in descending order

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246
papers

4,304
citations

94433

37
h-index

149698

56
g-index

248
all docs

248
docs citations

248
times ranked

1950
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the Dipole Polarizability of the Unstable Neutron-Rich Nucleus ^{63}Ni . <i>Physical Review Letters</i> , 2007, 99, 132501.	7.8	155
2	Observation of Isomeric Decays in the ^{132}Cd -Process Waiting-Point Nucleus ^{130}Cd . <i>Physical Review Letters</i> , 2007, 99, 132501.	7.8	135
3	Observation of Two-Proton Radioactivity of ^{130}Cd by Tracking the Decay Products. <i>Physical Review Letters</i> , 2007, 99, 162501.	7.8	129
4	^{13}C Molecular Band in ^{10}Be . <i>Physical Review Letters</i> , 2006, 96, 042501.	7.8	127
5	Fission-residues produced in the spallation reaction $^{238}\text{U} + p$ at $1\text{A}\text{GeV}$. <i>Nuclear Physics A</i> , 2003, 725, 213-253.	1.5	93
6	Beyond the neutron drip line: The unbound oxygen isotopes ^{25}O and ^{26}O . <i>Physical Review C</i> , 2013, 88, .	2.9	93
7	Evaporation residues produced in the spallation reaction at $1\text{A}\text{GeV}$. <i>Nuclear Physics A</i> , 2003, 724, 413-430.	1.5	88
8	Spallation residues in the reaction $\text{Fe}56 + p$ at 0.3A, 0.5A, 0.75A, 1.0A, and 1.5A GeV. <i>Physical Review C</i> , 2007, 75, .	2.9	85
9	Elastic scattering and ^{13}C -particle production in ^{6}He . <i>Physical Review C</i> , 2007, 75, .	2.9	80
10	Measurement of the complete nuclide production and kinetic energies of the system $^{136}\text{Xe} + \text{hydrogen}$ at 1 GeV per nucleon. <i>Physical Review C</i> , 2007, 76, .	2.9	79
11	The $^{7}\text{Be}(d, n)^{2}\text{Li}$ Cross Section at Big Bang Energies and the Primordial ^{7}Li Abundance. <i>Astrophysical Journal</i> , 2005, 630, L105-L108.	4.5	76
12	Production of new neutron-rich isotopes of heavy elements in fragmentation reactions of ^{238}U projectiles at 1 GeV. <i>Physical Review C</i> , 2007, 75, .	2.9	76
13	Production cross sections of heavy neutron-rich nuclei approaching the nucleosynthesis r -process path around ^{195}Au . <i>Physical Review C</i> , 2014, 89, .	2.9	72
14	Proton-proton correlations observed in two-proton decay of ^{195}Au . <i>Physical Review C</i> , 2014, 89, .	2.9	71
15	Isotopic yield distributions of transfer and fusion-induced fission from ^{16}C . <i>Physical Review C</i> , 2013, 88, .	7.8	69
16	Isotopic yield distributions of transfer and fusion-induced fission from ^{16}C . <i>Physical Review C</i> , 2013, 88, .	2.9	66
17	New Isomers in the Full Seniority Scheme of Neutron-Rich Lead Isotopes: The Role of Effective Three-Body Forces. <i>Physical Review Letters</i> , 2012, 109, 162502.	7.8	56
18	Fusion and direct reactions for the system $^{6}\text{He} + \text{C}$ reactions in inverse kinematics. <i>Physical Review C</i> , 2013, 88, .	2.9	55

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19	Characterization of the scission point from fission-fragment velocities. Physical Review C, 2015, 92, .	2.9	55
20	Production of medium-mass neutron-rich nuclei in reactions induced by Xe projectiles at 136 GeV on a beryllium target.	2.9	54
21	Transient and quasistationary dissipative effects in the fission flux across the barrier in $1A$ GeV U^{238} on deuterium reactions. Physical Review C, 2006, 74, .	2.9	51
22	Experimental investigation of the residues produced in the Xe and Pb reactions induced by U^{238} on deuterium reactions. Physical Review C, 2006, 74, .	2.9	51
23	Accurate isotopic fission yields of electromagnetically induced fission of U^{238} measured in inverse kinematics at 238 GeV. Physical Review C, 2007, 75, .	2.9	49
24	Evolution of the $N < 82$ shell gap below $132Sn$ inferred from core excited states in $131In$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 313-316.	4.1	48
25	Transfer reactions in inverse kinematics: An experimental approach for fission investigations. Physical Review C, 2014, 89, .	2.9	48
26	Isotopic production cross sections of spallation-evaporation residues from reactions of U^{238} (1A GeV) with deuterium. Physical Review C, 2006, 74, .	2.9	46
27	Evaporation residues produced in spallation of $208Pb$ by protons at. Nuclear Physics A, 2006, 768, 1-21.	1.5	45
28	Half-Life Systematics across the $N = 126$ Shell Closure: Role of First-Forbidden Transitions in the Decay of Heavy Neutron-Rich Nuclei. Physical Review Letters, 2014, 113, 022702.	7.8	45
29	Testing of a DSSSD detector for the stopped RISING project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 598, 754-758.	1.6	44
30	Spectroscopy of proton-unbound nuclei by tracking their decay products in-flight: One- and two-proton decays of ^{15}F , ^{16}Ne , and ^{19}Na . Physical Review C, 2010, 82, .	2.9	43
31	Nuclide cross-sections of fission fragments in the reaction $208Pb + p$ at 500 MeV. Nuclear Physics A, 2005, 747, 227-267.	1.5	41
32	Measurement of a Complete Set of Nuclides, Cross Sections, and Kinetic Energies in Spallation of U^{238} (1A GeV) with Protons. Physical Review Letters, 2004, 93, 212701.	7.8	40
33	Spherical proton-neutron structure of isomeric states in Cd^{128} . Physical Review Letters, 2004, 93, 212701.	2.9	39
34	Isotopic fission-fragment distributions of U^{238} and U^{235} induced by U^{238} on deuterium reactions. Physical Review C, 2006, 74, .	2.9	38
35	Measurement of a Complete Set of Nuclides, Cross Sections, and Kinetic Energies in Spallation of U^{238} (1A GeV) with Protons. Physical Review Letters, 2004, 93, 212701.	2.9	37
36	Proton h hole excitation in the closed shell nucleus $205Au$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 116-119.	4.1	37

#	ARTICLE	IF	CITATIONS
37	Proton-induced fission of ^{181}Ta at high excitation energies. Physical Review C, 2014, 89, .	2.9	37
38	Complete characterization of the fission fragments produced in reactions induced by ^{136}Xe -induced reactions on deuterium at 500 MeV . Physical Review C, 2015, 92, .	7.8	37
39	First measurement of beta decay half-lives in neutron-rich Tl and Bi isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 293-297.	2.9	35
40	Complete characterization of the fission fragments produced in reactions induced by ^{208}Pb projectiles $^{500}\text{ MeV}$. Nuclear Physics A, 2013, 899, 116-132.	4.1	34
41	Coincidence Measurement of Residues and Light Particles in the Reaction $^{56}\text{Fe} + \text{p}$ at 1 GeV per Nucleon with the Spallation Reactions Setup SPALADIN. Physical Review Letters, 2008, 100, 022701.	2.9	34
42	Seniority isomerism in neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89, .	7.8	33
43	Experimental study of nuclear fission along the thorium isotopic chain: From asymmetric to symmetric fission. Physical Review C, 2019, 99, .	2.9	33
44	Nuclear structure of ^{208}Pb isomeric states in ^{208}Hg . Physical Review C, 2013, 87, .	2.9	33
45	Isomeric production cross sections of the residual nuclei in spallation reactions induced by ^{136}Xe projectiles on proton at 500 MeV . Nuclear Physics A, 2013, 899, 116-132.	2.9	32
46	Core-coupled states and split proton-neutron quasiparticle multiplets in ^{122}Ag and ^{126}Ag . Physical Review C, 2013, 87, .	2.9	32
47	Low-energy ^{136}Xe induced reactions on ^{54}Ni . Physical Review C, 2015, 91, .	2.9	31
48			
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55	Dissipative effects in spallation-induced fission of Pb at high excitation energies. <i>Physical Review C</i> , 2015, 91, .	2.9	28
56	The SOFIA Experiment. <i>Physics Procedia</i> , 2013, 47, 166-171.	1.2	26
57	Studies on fission with ALADIN. <i>European Physical Journal A</i> , 2015, 51, 1.	2.5	26
58	High angular momentum states populated in fragmentation reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 632, 203-206.	4.1	25
59	^{203}Au -delayed γ -ray spectroscopy of ^{203}Au .	2.9	25
60	Experimental Indications for the Response of the Spectators to the Participant Blast. <i>Physical Review Letters</i> , 2003, 90, 212302.	7.8	24
61	Isotopic production cross sections and recoil velocities of spallation-fission fragments in the reaction $U^{238}(1A\text{GeV})+d$. <i>Physical Review C</i> , 2007, 75, .	2.9	24
62	Structure of ^{55}Ti from relativistic one-neutron knockout. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 675, 22-27.	4.1	24
63	Prompt ^{13}C -ray spectroscopy of ^{127}N .	2.9	24
64	Synthesis of ^{127}N through ^{127}O isotopes.	2.9	24
65	Proton-induced fission cross sections on Pb at high kinetic energies. <i>Physical Review C</i> , 2014, 90, .	2.9	23
66	Evidence for a New Compact Symmetric Fission Mode in Light Thorium Isotopes. <i>Physical Review Letters</i> , 2020, 124, 202502.	7.8	23
67	$^6He + ^9Be$ reactions at 16.8 MeV. <i>European Physical Journal A</i> , 2010, 43, 153-158.	2.5	22
68	Beta-decay half-lives of new neutron-rich isotopes of Re, Os and Ir approaching the r-process path near $N = 126$. <i>European Physical Journal A</i> , 2014, 50, 1.	2.5	22
69	^{91}Ar -delayed three-proton decay of ^{91}Ar .	2.9	22
70	Multiple ^{126}Re decaying states in ^{194}Re : Shape evolution in neutron-rich osmium isotopes. <i>Physical Review C</i> , 2012, 85, .	2.9	21
71	Isomer spectroscopy of ^{127}Cd .	2.9	20
72	One-neutron knockout from light neutron-rich nuclei at relativistic energies. <i>Physical Review C</i> , 2010, 82, .	2.9	20

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91	Effective proton-neutron interaction near the drip line from unbound states in F . <i>Physical Review C</i> , 2017, 96, .	2.9	14
92	Structure of $N=22$ and the $N=14$ subshell. <i>Physical Review C</i> , 2011, 83, .	2.9	13
93	New states in ^{18}Na and ^{19}Mg observed in the two-proton decay of ^{19}Mg . <i>Physical Review C</i> , 2012, 85, .	2.9	13
94	Gamma-ray measurements in the one-neutron knockout of ^{17}C , ^{19}N , ^{21}O and ^{25}F . <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	13
95	Optimization of Energy Resolution Obtained With CsI(Tl) Crystals for the R3B Calorimeter. <i>IEEE Transactions on Nuclear Science</i> , 2008, 55, 1259-1262.	2.0	12
96	Knockout and fragmentation reactions using a broad range of tin isotopes. <i>Physical Review C</i> , 2017, 96, .	2.9	12
97	Towards the Limits of Existence of Nuclear Structure: Observation and First Spectroscopy of the Isotope $K31$ by Measuring Its Three-Proton Decay. <i>Physical Review Letters</i> , 2019, 123, 092502.	7.8	12
98	Hyperelastic characterization oriented to finite element applications using genetic algorithms. <i>Advances in Engineering Software</i> , 2019, 133, 52-59.	3.8	12
99	Design studies and first crystal tests for the R3B calorimeter. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 4616-4620.	1.4	11
100	Submicrosecond isomer in ^{45}Ca and the role of triaxiality in its electromagnetic decay rate. <i>Physical Review C</i> , 2013, 88, .	2.9	11
101	CALIFA Barrel prototype detector characterisation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 729, 77-84.	1.6	11
102	SOFIA: An innovative setup to measure complete isotopic yield of fission fragments. <i>EPJ Web of Conferences</i> , 2013, 62, 06005.	0.3	11
103	Systematic investigation of projectile fragmentation using beams of unstable B and C isotopes. <i>Physical Review C</i> , 2016, 93, .	2.9	11
104	Determination of the neutron-capture rate of ^{17}C for r -process nucleosynthesis. <i>Physical Review C</i> , 2017, 95, .	2.9	10
105	Production cross-sections and momentum distributions of fragments from neutron-deficient Ar at GeV. <i>Nuclear Physics A</i> , 2004, 733, 187-199.	1.5	9
106	Conceptual design of a large area time-of-flight wall for the R3B experiment at FAIR. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006, 158, 186-189.	0.4	9
107	Performances of 4-gap timing RPCs for relativistic ions in the range $Z < i> Z < /i> = 1 \hat{a} \hat{e} \hat{c} 6$. <i>Journal of Instrumentation</i> , 2009, 4, P11007-P11007.	1.2	9
108	Characterization of Large Frustum CsI(Tl) Crystals for the $\{m R\}^{\{3\}}\{m B\}$ Calorimeter. <i>IEEE Transactions on Nuclear Science</i> , 2009, 56, 962-967.	2.0	9

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109	Detection efficiency of relativistic heavy-ions with resistive-plate chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 674, 39-45.	1.6	9
110	$^{13,14}\text{B}(n, \hat{1}^3)$ via Coulomb Dissociation for Nucleosynthesis towards the r-Process. Nuclear Data Sheets, 2014, 120, 197-200.	2.2	9
111	Nuclear astrophysics with radioactive ions at FAIR. Journal of Physics: Conference Series, 2016, 665, 012044.	0.4	9
112	Strong Neutron Pairing in core+4n Nuclei. Physical Review Letters, 2018, 120, 152504.	7.8	9
113	Structure of ^{13}Be studied in proton knockout from ^{13}C . New spectroscopic information on ^{13}Be .	2.9	9
114	Neutron-rich fragments produced by the flight mission of ^{211}Po : A changing structure beyond the ^{213}Po .	2.9	9
115	Neutron-rich fragments produced by the flight mission of ^{238}U .	2.9	9
116	Behavior characterization of visco-hyperelastic models for rubber-like materials using genetic algorithms. Applied Mathematical Modelling, 2019, 66, 241-255.	4.2	9
117	Systematic reduction of the proton-removal cross section in neutron-rich medium-mass nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135962.	4.1	9
118	Study of $\hat{1}^{\pi}$ excitations in medium-mass nuclei with peripheral heavy ion charge-exchange reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135565.	4.1	9
119	A first experimental approach to the $^{150}\text{Pb} + \hat{1}^{\pm}$ elastic scattering. European Physical Journal A, 2006, 27, 183-186.	2.5	8
120	Production of heavy neutron-rich nuclei "south" of lead. European Physical Journal: Special Topics, 2007, 150, 309-310.	2.6	8
121	Isomeric decay spectroscopy of the ^{217}Bi isotope. Physical Review C, 2014, 89, 014307.	2.9	8
122	Light charged particles emitted in fission reactions induced by protons on ^{208}Pb . Physical Review C, 2016, 94, 014607.	2.9	8
123	Coulomb dissociation of ^{20}N . Spectroscopy of excited states of unbound nuclei ^{21}Ar and ^{29}Cl .	2.9	8
124	Spectroscopy of excited states of unbound nuclei ^{21}Ar and ^{29}Cl . Physical Review C, 2018, 97, 014307.	2.9	8
125	Finite Element Study of a Threaded Fastening: The Case of Surgical Screws in Bone. Symmetry, 2018, 10, 335.	2.2	8
126	Manifestation of the Berry phase in the atomic nucleus ^{213}Pb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136183.	4.1	8

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127	Measurement of residual nucleus cross sections and recoil energies in p + Fe collisions at 300, 500, 750, 1000 and 1500 MeV. AIP Conference Proceedings, 2005, , .	0.4	7
128	Structure effects on reaction mechanisms in collisions induced by radioactive ion beams. Physics of Atomic Nuclei, 2006, 69, 1366-1371.	0.4	7
129	Approaching r-process nuclei at N = 126. Journal of Physics: Conference Series, 2012, 337, 012070.	0.4	7
130	A Sample of the Results of the First SOFIA Experiment. Physics Procedia, 2015, 64, 101-106.	1.2	7
131	Properties of the CsI(Tl) detector elements of the CALIFA detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 940, 393-404.	1.6	7
132	Exclusive measurements on at 1AGev with the SPALADIN setup at GSI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 562, 743-746.	1.6	6
133	Design of iToF: A ToF-wall detector to identify relativistic ions in R3B-FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S137-S140.	1.6	6
134	Transfer-induced fission in inverse kinematics: Impact on experimental and evaluated nuclear data bases. European Physical Journal A, 2015, 51, 1.	2.5	6
135	Coulomb dissociation of ^{27}P at 500 MeV/u. Physical Review C, 2016, 93, .	2.9	6
136	First testing of the CALIFA Barrel Demonstrator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 814, 56-65.	1.6	6
137	Isotopic production cross sections of residues in reactions induced by relativistic heavy ions with protons and deuterons. Physics of Atomic Nuclei, 2003, 66, 1413-1420.	0.4	5
138	One-neutron knockout from ^{51}Sc . European Physical Journal A, 2012, 48, 1.	2.5	5
139	First results with RPC prototypes for the detection of relativistic heavy-ions at the R3B experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S141-S144.	1.6	5
140	Isotopic fission fragment distributions as a deep probe to fusion-fission dynamics. Journal of Physics: Conference Series, 2013, 420, 012119.	0.4	5
141	Fission of highly excited nuclei investigated in complete kinematic measurements. EPJ Web of Conferences, 2013, 62, 07009.	0.3	5
142	Geant4-GATE Simulation of a Large Plastic Scintillator for Muon Radiography. IEEE Transactions on Nuclear Science, 2015, 62, 1233-1238.	2.0	5
143	Dependence of Fission-Fragment Properties On Excitation Energy For Neutron-Rich Actinides. EPJ Web of Conferences, 2016, 111, 10001.	0.3	5
144	Accurate measurements of fission-fragment yields in $^{234,235,236,238}\text{U}(\bar{\nu}^3, f)$ with the SOFIA set-up. EPJ Web of Conferences, 2016, 111, 08001.	0.3	5

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145	Deep excursion beyond the proton dripline. II. Toward the limits of existence of nuclear structure. Physical Review C, 2018, 98, .	2.9	5
146	Production and Half-lives of Neutron-rich Isotopes Near N=126. AIP Conference Proceedings, 2005, , .	0.4	4
147	Neutron-deficient $N \approx 126$ nuclei produced in ^{238}U fragmentation: population of high-spin states. AIP Conference Proceedings, 2006, , .	0.4	4
148	One-neutron knockout from ^{24}Ne isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 26-30.	4.1	4
149	Minor actinide fission induced by multi-nucleon transfer reaction in inverse kinematics. EPJ Web of Conferences, 2010, 2, 07001.	0.3	4
150	Single-particle isomeric states in ^{121}Pd and ^{117}Ru . Journal of Physics: Conference Series, 2012, 366, 012029.	0.4	4
151	Structural design of an RPC-based time-of-flight wall for ions (iTOF) for the R3B-FAIR experiment. Journal of Instrumentation, 2012, 7, P11015-P11015.	1.2	4
152	Coulomb excitation of exotic nuclei at the R3B-LAND setup. Journal of Physics: Conference Series, 2013, 420, 012072.	0.4	4
153	Finite Element Simulation for Analysing the Design and Testing of an Energy Absorption System. Materials, 2016, 9, 660.	2.9	4
154	Spectroscopy of ^7He using the ^7Be α -particle decay. Nuclear Physics A, 2004, 734, 221-224.	2.9	4
155	Dynamics of spallation reactions investigated from production cross sections of residual nuclei in collisions induced by ^{238}U at 1 A·GeV on proton and deuterium. Nuclear Physics A, 2004, 734, 221-224.	1.5	3
156	Study of the $^{19}\text{Ne}(p, \alpha)^{16}\text{O}$ reaction and subsequent improvements to ARES. Nuclear Physics A, 2005, 758, 741-744.	1.5	3
157	Study of $^7\text{Be}+d$ reactions for Standard Big Bang Nucleosynthesis. Nuclear Physics A, 2005, 758, 775-778.	1.5	3
158	Characterization of large frustum CsI(Tl) crystals for the R3B calorimeter. , 2008, , .		3
159	Evolution of isotopic fission-fragment yields with excitation energy. EPJ Web of Conferences, 2012, 31, 00025.	0.3	3
160	The mechanical design of the BARREL section of the detector CALIFA for R3B-FAIR.. EPJ Web of Conferences, 2014, 66, 11037.	0.3	3
161	Design and construction of the structure of the DEMONSTRATOR of the CALIFA detector for R3B-FAIR using carbon-fiber composites. EPJ Web of Conferences, 2014, 66, 11038.	0.3	3
162	Transient Effects in Fission Investigated with Proton-on-lead Reactions in Complete Kinematic Measurements. Physics Procedia, 2015, 64, 157-162.	1.2	3

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163	Fission Yields of Minor Actinides at Low Energy Through Multi-nucleon Transfer Reactions of ^{238}U on ^{12}C . Acta Physica Polonica B, 2015, 46, 443.	0.8	3
164	The SOFIA experiment: Measurement of ^{236}U fission fragment yields in inverse kinematics. EPJ Web of Conferences, 2016, 122, 01006.	0.3	3
165	Optimization of the Auxiliary-Beam System in Railway Bridge Vibration Mitigation Using FEM Simulation and Genetic Algorithms. Symmetry, 2019, 11, 1089.	2.2	3
166	Study of the reaction mechanisms of $^{136}\text{Xe} + p$ and $^{136}\text{Xe} + ^{12}\text{C}$ at 1 A GeV with inverse kinematics and large-acceptance detectors. European Physical Journal A, 2019, 55, 1.	2.5	3
167	Tl concentration and its variation in a CsI(Tl) crystal for the CALIFA detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 975, 164197.	1.6	3
168	Finite Element Validation of an Energy Attenuator for the Design of a Formula Student Car. Mathematics, 2020, 8, 416.	2.2	3
169	Simulations of light collection in long tapered CsI(Tl) scintillators using real crystal surface data and comparisons to measurement. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1003, 165302.	1.6	3
170	Residual nuclei produced by spallation reactions. European Physical Journal Special Topics, 2002, 12, 63-73.	0.2	2
171	New low-energy measurement of the $^{18}\text{F}(p, \hat{\pi})^{15}\text{O}$ reaction. European Physical Journal: Special Topics, 2007, 150, 211-214.	2.6	2
172	Energy dependence of ^{238}U fission yields investigated in inverse kinematics. EPJ Web of Conferences, 2010, 2, 07003.	0.3	2
173	Investigating the intra-nuclear cascade process using the reaction ^{136}Xe on deuterium at 500 $\mu\text{A MeV}$. EPJ Web of Conferences, 2010, 8, 07012.	0.3	2
174	Test of LAAPDs Coupled to CsI(Tl) Crystals for the CALIFA R3B/FAIR Calorimeter. IEEE Transactions on Nuclear Science, 2010, 57, 1465-1469.	2.0	2
175	Publisher's Note: Multiple $\langle \hat{\pi}^2 \rangle$ decaying states in ^{194}Re: Shape evolution in neutron-rich osmium isotopes [Phys. Rev. C 85 (2012)]. Physical Review C, 2012, 85, 034301.	2.9	2
176	Time resolution of resistive plate chambers investigated with 10 MeV electrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 735, 94-101.	1.6	2
177	Excitation-energy influence at the scission configuration. EPJ Web of Conferences, 2017, 146, 04019.	0.3	2
178	Coulomb dissociation of ^{16}O into ^4He and ^{12}C . Journal of Physics: Conference Series, 2020, 1668, 012016.	0.4	2
179	Probing the $Z\hat{\pi}^{-6}$ 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
180	Isotopic cross sections of fragmentation residues produced by light projectiles on carbon near $^{400}\text{A MeV}$. Physical Review C, 2022, 105, .	2.9	2

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181	Momentum distributions of projectile spectators: a new tool to investigate the equation of state of nuclear matter. Nuclear Physics A, 2004, 734, 609-612.	1.5	1
182	Isotopically resolved residues from the fragmentation of projectiles with largely different N/Z – the isospin-thermometer method. Nuclear Physics A, 2005, 749, 110-113.	1.5	1
183	Low-energy states in ^{11}N and two-proton emission of ^{12}O . AIP Conference Proceedings, 2006, , .	0.4	1
184	Isotopic resolution of fission fragments from $^{238}\text{U}+^{12}\text{C}$ transfer and fusion reactions. , 2009, , .		1
185	Production of medium-mass neutron-rich nuclei in ^{238}U fission. , 2009, , .		1
186	New Insights into the Structure of Exotic Nuclei Using the RISING Active Stopper. , 2009, , .		1
187	Structure of $N\approx 126$ nuclei produced in fragmentation of ^{238}U . , 2009, , .		1
188	Reply to –Comment on –Low-energy $F_{18}(p, \hat{1}\pm)O_{15}$ cross section measurements relevant to noval $^3\text{-ray emission}$ – Physical Review C, 2010, 81, .	2.9	1
189	Performance of timing RPC detectors for relativistic ions and design of a time-of-flight detector (iToF) for the R3B-FAIR experiment for fission and spallation reactions. , 2011, , .		1
190	Total fission cross section of ^{181}Ta and ^{208}Pb induced by protons at relativistic energies. , 2011, , .		1
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