

Enrique Casarejos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/31795/publications.pdf>

Version: 2024-02-01

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	Isotopic cross sections of fragmentation residues produced by light projectiles on carbon near <math xmlns:mml="http://www.w3.org/1998/Math/MathML" ><mml:mrow ><mml:mn>400</mml:mn><mml:mi>A</mml:mi></mml:mrow ></math> MeV. Physical Review C, 2022, 105.	2.9	2
2	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
3	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
4	Fission-fragment yields and prompt-neutron multiplicity for Coulomb-induced fission of <math xmlns:mml="http://www.w3.org/1998/Math/MathML" ><mml:mmltscripts ><mml:mi >U</mml:mi ><mml:mprescripts /></mml:mmltscripts ></math> and <math xmlns:mml="http://www.w3.org/1998/Math/MathML" ><mml:mmltscripts ><mml:mi >Np</mml:mi ><mml:mprescripts ></mml:mmltscripts ></math>	2.9	18
5	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
6	Coulomb dissociation of ^{16}O into ^4He and ^{12}C . Journal of Physics: Conference Series, 2020, 1668, 012016.	0.4	2
7	Commissioning of the CALIFA Barrel Calorimeter of the $R^3\text{B}$ Experiment at FAIR. Journal of Physics: Conference Series, 2020, 1667, 012006.	0.4	0
8	Excitation of baryonic resonances in stable medium-mass nuclei of Sn. Journal of Physics: Conference Series, 2020, 1667, 012036.	0.4	0
9	Probing the $Z\alpha^{-6}$ 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
10	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
11	Finite Element Validation of an Energy Attenuator for the Design of a Formula Student Car. Mathematics, 2020, 8, 416.	2.2	3
12	Study of $\hat{\Gamma}^{\pi}$ 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
13	Performance recovery of long CsI(Tl) scintillator crystals with APD-based readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 965, 163845.	1.6	1
14	Evidence for a New Compact Symmetric Fission Mode in Light Thorium Isotopes. Physical Review Letters, 2020, 124, 202502.	7.8	23
15	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
16	Analysis of a contact problem involving thermoelastic mixtures. Journal of Mathematical Analysis and Applications, 2019, 479, 2032-2055.	1.0	1
17	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
18	Towards the Limits of Existence of Nuclear Structure: Observation and First Spectroscopy of the Isotope ^{31}K by Measuring Its Three-Proton Decay. Physical Review Letters, 2019, 123, 092502.	7.8	12

#	ARTICLE	IF	CITATIONS
19	Optimization of the Auxiliary-Beam System in Railway Bridge Vibration Mitigation Using FEM Simulation and Genetic Algorithms. <i>Symmetry</i> , 2019, 11, 1089.	2.2	3
20	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. <i>European Physical Journal A</i> , 2019, 55, 1. New spectroscopic information on ^{211}Bi	2.5	3
21	^{211}Bi : A changing structure beyond the shell model. <i>Physical Review C</i> , 2019, 99, . New spectroscopic information on ^{211}Bi	2.9	9
22	Experimental study of nuclear fission along the thorium isotopic chain: From asymmetric to symmetric fission. <i>Physical Review C</i> , 2019, 99, .	2.9	32
23	Hyperelastic characterization oriented to finite element applications using genetic algorithms. <i>Advances in Engineering Software</i> , 2019, 133, 52-59.	3.8	12
24	Neutron-rich fragments produced by in-flight fission of ^{238}U . <i>Physical Review C</i> , 2019, 99, .	2.9	9
25	Evaluation of an FE Model for the Design of a Complex Thin-Wall CFRP Structure for a Scientific Instrument. <i>Materials</i> , 2019, 12, 489.	2.9	1
26	Insight into excitation energy and structure effects in fission from isotopic information in fission yields. <i>Physical Review C</i> , 2019, 99, .	2.9	18
27	Behavior characterization of visco-hyperelastic models for rubber-like materials using genetic algorithms. <i>Applied Mathematical Modelling</i> , 2019, 66, 241-255.	4.2	9
28	Spectroscopy of excited states of unbound nuclei ^{30}Ar and ^{29}Cl . <i>Physical Review C</i> , 2018, 97, .	2.9	8
29	Strong Neutron Pairing in core+4n Nuclei. <i>Physical Review Letters</i> , 2018, 120, 152504. Quasifree (^{238}U) $\text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 322 Td}$ ($\text{display}="in"$)	7.8	9
30	Reactions on Oxygen Isotopes: Observation of Isospin Independence of the Reduced Single-Particle Strength. <i>Physical Review Letters</i> , 2018, 120, 052501. Quasifree (^{238}U) $\text{ETQq1 0 0 784314 1981 /Overlock 10 Tf 50 277 Td}$ ($\text{xmlns:mml}="http://www.w3.org/1998/Math/MathML"$)	7.8	69
31	High-precision measurement of isotopic fission yields of $^{236}\text{U}^*$. <i>EPJ Web of Conferences</i> , 2018, 193, 02001. ^{14}N $\text{Physical Review C, 2019, 99, .}$	2.9	15
32	Deep excursion beyond the proton dripline. I. Argon and chlorine isotope chains. <i>Physical Review C</i> , 2018, 98, .	2.9	17
33	Deep excursion beyond the proton dripline. II. Toward the limits of existence of nuclear structure. <i>Physical Review C</i> , 2018, 98, .	2.9	5
34	Finite Element Study of a Threaded Fastening: The Case of Surgical Screws in Bone. <i>Symmetry</i> , 2018, 10, 335.	2.2	8
35	Isotopic fission-fragment distributions of ^{238}U and ^{239}Pu . <i>Physical Review C</i> , 2018, 97, .	2.9	38
36			

#	ARTICLE	IF	CITATIONS
37	Study of ^{13}Be studied in proton knockout from ^{13}C . Physical Review C, 2017, 95, .	2.9	9
38	Determination of the neutron-capture rate of ^{17}C for r -process nucleosynthesis. Physical Review C, 2017, 95, .	2.9	10
39	Knockout and fragmentation reactions using a broad range of tin isotopes. Physical Review C, 2017, 96, .	2.9	12
40	Performance of resistive plate chambers under irradiation of ^{136}Xe at relativistic energies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 866, 111-117.	1.6	0
41	Production of ^{136}Xe in the spallation reaction $^{200}\text{Au} + p \rightarrow ^{136}\text{Xe} + \dots$. Physical Review C, 2017, 95, .	2.9	14
42	Fission dynamics at high excitation energies investigated in complete kinematics measurements. Journal of Physics: Conference Series, 2017, 863, 012047.	0.4	0
43	Effective proton-neutron interaction near the drip line from unbound states in ^{25}F and ^{26}F . Physical Review C, 2017, 95, .	2.9	14
44	Accurate isotopic fission yields of electromagnetically induced fission of ^{238}U measured in inverse kinematics at relativistic energies. Physical Review C, 2017, 95, .	2.9	49
45	Characterization of the n_TOF EAR-2 neutron beam. EPJ Web of Conferences, 2017, 146, 03020.	0.3	1
46	Excitation-energy influence at the scission configuration. EPJ Web of Conferences, 2017, 146, 04019.	0.3	2
47	Dissipative effects in fission investigated in complete kinematics measurements. EPJ Web of Conferences, 2017, 146, 04053.	0.3	0
48	Dependence of Fission-Fragment Properties On Excitation Energy For Neutron-Rich Actinides. EPJ Web of Conferences, 2016, 111, 10001.	0.3	5
49	Finite Element Simulation for Analysing the Design and Testing of an Energy Absorption System. Materials, 2016, 9, 660.	2.9	4
50	Measurement of the $^{92,93,94,100}\text{Mo}(\bar{\nu},n)$ reactions by Coulomb Dissociation. Journal of Physics: Conference Series, 2016, 665, 012034.	0.4	1
51	Nuclear astrophysics with radioactive ions at FAIR. Journal of Physics: Conference Series, 2016, 665, 012044.	0.4	9
52	New experimental approaches to investigate the fission dynamics. AIP Conference Proceedings, 2016, .	0.4	0
53	Presaddle and postsaddle dissipative effects in fission using complete kinematics measurements. Physical Review C, 2016, 94, .	2.9	20
54	The SOFIA experiment: Measurement of ^{236}U fission fragment yields in inverse kinematics. EPJ Web of Conferences, 2016, 122, 01006.	0.3	3

#	ARTICLE	IF	CITATIONS
55	Accurate measurements of fission-fragment yields in $^{234,235,236,238}\text{U}(\text{f}^3, \text{f})$ with the SOFIA set-up. EPJ Web of Conferences, 2016, 111, 08001.	0.3	5
56	Observation and Spectroscopy of ^7He using the ^7Be light charged particles emitted in fission reactions induced by protons on ^{208}Pb . Physical Review C, 2016, 94, .	2.9	4
57	Light charged particles emitted in fission reactions induced by protons on ^{208}Pb . Physical Review C, 2016, 94, .	2.9	8
58	Coulomb dissociation of ^{27}P at 500 MeV/u. Physical Review C, 2016, 93, .	2.9	6
59	Systematic investigation of projectile fragmentation using beams of unstable B and C isotopes. Physical Review C, 2016, 93, .	2.9	11
60	Coulomb dissociation of ^{20}N and ^{21}N . Physical Review C, 2016, 93, .	2.9	8
61	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
62	Dissipative effects in fission investigated with proton-on-lead reactions. EPJ Web of Conferences, 2016, 117, 08017.	0.3	0
63	Delayed three-proton decay of ^{12}Ar . Physical Review C, 2015, 92, .	2.9	22
64	Complete characterization of the fission fragments produced in reactions induced by ^{208}Pb projectiles on proton at ^{208}Pb . Physical Review C, 2015, 92, .	2.9	34
65	^{500}MeV $^{\text{Xe}}$ -induced reactions on deuterium at ^{500}MeV . Physical Review C, 2015, 92, .	2.9	35
66	Constraining the level density using fission of lead projectiles. Physical Review C, 2015, 92, .	2.9	14
67	Observation and Spectroscopy of New Proton-Unbound Isotopes ^{30}Ar and ^{30}K . Physical Review C, 2015, 92, .	7.8	37
68	Characterization of the scission point from fission-fragment velocities. Physical Review C, 2015, 92, .	2.9	55
69	A Sample of the Results of the First SOFIA Experiment. Physics Procedia, 2015, 64, 101-106.	1.2	7
70	Transient Effects in Fission Investigated with Proton-on-lead Reactions in Complete Kinematic Measurements. Physics Procedia, 2015, 64, 157-162.	1.2	3
71	Transfer-induced fission in inverse kinematics: Impact on experimental and evaluated nuclear data bases. European Physical Journal A, 2015, 51, 1.	2.5	6
72	Studies on fission with ALADIN. European Physical Journal A, 2015, 51, 1.	2.5	26

#	ARTICLE	IF	CITATIONS
73	Dissipative effects in spallation-induced fission of ^{208}Pb at high excitation energies. <i>Physical Review C</i> , 2015, 91, .	2.9	28
74	Fission Yields of Minor Actinides at Low Energy Through Multi-nucleon Transfer Reactions of ^{238}U on ^{12}C . <i>Acta Physica Polonica B</i> , 2015, 46, 443.	0.8	3
75	Geant4-GATE Simulation of a Large Plastic Scintillator for Muon Radiography. <i>IEEE Transactions on Nuclear Science</i> , 2015, 62, 1233-1238.	2.0	5
76	Decays of ^{120}Te and ^{120}I . <i>Physical Review C</i> , 2015, 91, .	2.9	31
77	Coulomb Dissociation Experiment of ^{27}P . <i>Acta Physica Polonica B</i> , 2015, 46, 473.	0.8	0
78	New Isomers in the Neutron-Rich Region Beyond ^{208}Pb . <i>EPJ Web of Conferences</i> , 2014, 66, 02043.	0.3	0
79	The mechanical design of the BARREL section of the detector CALIFA for R3B-FAIR.. <i>EPJ Web of Conferences</i> , 2014, 66, 11037.	0.3	3
80	Design and construction of the structure of the DEMONSTRATOR of the CALIFA detector for R3B-FAIR using carbon-fiber composites. <i>EPJ Web of Conferences</i> , 2014, 66, 11038.	0.3	3
81	Performance analysis for the CALIFA Barrel calorimeter of the R3B experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 767, 453-466.	1.6	16
82	Transfer reactions in inverse kinematics: An experimental approach for fission investigations. <i>Physical Review C</i> , 2014, 89, .	2.9	48
83	Production cross sections of heavy neutron-rich nuclei approaching the nucleosynthesis r -process path around ^{195}Pt . <i>Physical Review C</i> , 2014, 89, .	2.9	72
84	Proton-induced fission cross sections on ^{208}Pb at high kinetic energies. <i>Physical Review C</i> , 2014, 90, .	2.9	23
85	Transient effects in highly-excited fissioning systems. <i>Journal of Physics: Conference Series</i> , 2014, 569, 012075.	0.4	0
86	^{120}Te -decay studies of neutron-rich Tl, Pb, and Bi isotopes. <i>Physical Review C</i> , 2014, 89, .	2.9	32
87	Isomeric decay spectroscopy of the ^{217}Bi isotope. <i>Physical Review C</i> , 2014, 90, .	2.9	8
88	CALIFA, a Dedicated Calorimeter for the R3B/FAIR. <i>Nuclear Data Sheets</i> , 2014, 120, 99-101.	2.2	18
89	Half-Life Systematics across the ^{126}Sn Closure: Role of First-Forbidden Transitions in the ^{126}Sn Decay of Heavy Neutron-Rich Nuclei. <i>Physical Review Letters</i> , 2014, 113, 022702.	7.8	45
90	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

#	ARTICLE	IF	CITATIONS
91	13,14B(n, $\hat{1}^3$) via Coulomb Dissociation for Nucleosynthesis towards the r-Process. Nuclear Data Sheets, 2014, 120, 197-200.	2.2	9
92	Time resolution of resistive plate chambers investigated with 10MeV electrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 735, 94-101.	1.6	2
93	Proton-induced fission of ^{181}Ta at high excitation energies. Physical Review C, 2013, 87, 014605.	2.9	37
94	Isotopic yield distributions of transfer- and fusion-induced fission from ^{238}U and ^{238}U reactions in inverse kinematics. Physical Review C, 2013, 88, 014605.	2.9	66
95	^{117}Rh and the role of triaxiality in its electromagnetic decay rate. Physical Review C, 2013, 88, 014605.	2.9	11
96	New ^{174}S isomers in the neutron-rich ^{210}Hg nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 292-296.	4.1	18
97	Measurement of the Dipole Polarizability of the Unstable Neutron-Rich Nucleus ^{68}Ni . Physical Review Letters, 2013, 111, 242503.	7.8	155
98	CALIFA Barrel prototype detector characterisation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 729, 77-84.	1.6	11
99	Isotopic Distributions of Fission Fragments from Transfer-induced Fission. Physics Procedia, 2013, 47, 125-130.	1.2	0
100	The SOFIA Experiment. Physics Procedia, 2013, 47, 166-171.	1.2	26
101	High-precision measurement of total fission cross sections in spallation reactions of ^{208}Pb and ^{238}U . Physical Review C, 2013, 87, 014605.	2.9	19
102	Isotopic production cross sections of the residual nuclei in spallation reactions induced by ^{136}Xe projectiles on proton at 500 A $\hat{1}^3$ MeV. Nuclear Physics A, 2013, 899, 116-132.	1.5	31
103	The population of metastable states as a probe of relativistic-energy fragmentation reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 302-306.	4.1	15
104	Beyond the neutron drip line: The unbound oxygen isotopes ^{25}O and ^{26}O . Physical Review C, 2013, 88, 014605.	2.9	93
105	^{17}O -ray spectroscopy of ^{17}O Core-coupled states and split proton-neutron quasiparticle multiplets in ^{122}Au . Physical Review C, 2013, 87, 014605.	2.9	31
106	Core-coupled states and split proton-neutron quasiparticle multiplets in ^{122}Au . Physical Review C, 2013, 87, 014605.	2.9	31
107	Isotopic fission fragment distributions as a deep probe to fusion-fission dynamics. Journal of Physics: Conference Series, 2013, 420, 012119.	0.4	5
108	Complete isotopic distributions of fragments produced in transfer- and fusion-induced reactions. EPJ Web of Conferences, 2013, 62, 06006.	0.3	0

#	ARTICLE	IF	CITATIONS
109	Coulomb excitation of exotic nuclei at the R3B-LAND setup. Journal of Physics: Conference Series, 2013, 420, 012072.	0.4	4
110	Fission of highly excited nuclei investigated in complete kinematic measurements. EPJ Web of Conferences, 2013, 62, 07009.	0.3	5
111	SOFIA: An innovative setup to measure complete isotopic yield of fission fragments. EPJ Web of Conferences, 2013, 62, 06005.	0.3	11
112	Investigating the dynamics of fission with low-fissility highly-excited nuclei. EPJ Web of Conferences, 2013, 62, 06004.	0.3	0
113	GIANT AND LOW-ENERGY DIPOLE MODES IN NEUTRON-RICH NUCLEI. , 2013, , .		0
114	Multiple 2^{π} decaying states in ^{194}Re : Shape evolution in neutron-rich osmium isotopes [Phys. Rev. C 85 (2012)]. Physical Review C, 2012, 85, .	2.9	2
115	Multiple 2^{π} decaying states in ^{194}Re : Shape evolution in neutron-rich osmium isotopes. Physical Review C, 2012, 85, .	2.9	21
116	New Isomers in the Full Seniority Scheme of Neutron-Rich Lead Isotopes: The Role of Effective Three-Body Forces. Physical Review Letters, 2012, 109, 162502.	7.8	56
117	$^{\pi}$ decay of ^{102}Y produced in projectile fission of ^{238}U . Journal of Physics: Conference Series, 2012, 381, 012053.	0.4	1
118	Approaching r-process nuclei at $N = 126$. Journal of Physics: Conference Series, 2012, 337, 012070.	0.4	7
119	Single-particle isomeric states in ^{121}Pd and ^{117}Ru . Journal of Physics: Conference Series, 2012, 366, 012029.	0.4	4
120	Coulomb Dissociation of ^{27}P . Journal of Physics: Conference Series, 2012, 381, 012115.	0.4	0
121	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
122	New states in ^{18}Na and ^{19}Mg observed in the two-proton decay of ^{19}Mg . Physical Review C, 2012, 85, .	2.9	13
123	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.	4.1	34
124	One-neutron knockout from ^{51}Sc . European Physical Journal A, 2012, 48, 1.	2.5	5
125	Gamma-ray measurements in the one-neutron knockout of ^{17}C , ^{19}N , ^{21}O and ^{25}F . European Physical Journal A, 2012, 48, 1.	2.5	13
126	Evolution of isotopic fission-fragment yields with excitation energy. EPJ Web of Conferences, 2012, 31, 00025.	0.3	3

#	ARTICLE	IF	CITATIONS
127	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
128	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
129	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, 661, S145-S148.	1.6	9
130	Fusion and direct reactions for the system $^{6}\text{He} + ^{6}\text{Li}$. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S149-S152.	2.9	55
131	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
132	Total fission cross section of ^{181}Ta and ^{208}Pb induced by protons at relativistic energies. , 2011, , .		1
133	Elastic scattering and ^{132}Sn -particle production in $^{6}\text{He} + ^{6}\text{Li}$ reactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S153-S156.	2.9	80
134	Structure of ^{22}N and the $N=14$ subshell. Physical Review C, 2011, 83, .	2.9	13
135	Isomers in neutron-rich lead isotopes populated via the fragmentation of ^{238}U at 1 GeV A. Journal of Physics: Conference Series, 2011, 312, 092026.	0.4	1
136	Production of neutron-rich nuclei in fragmentation reactions of ^{132}Sn projectiles at relativistic energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 552-556.	4.1	28
137	First observation of the decay of a ^{112}Sn isomer. Physical Review Letters, 2011, 106, 082501.	12.0	19
138	Seniority in ^{112}Sn and ^{114}Sn isotopes. Physical Review Letters, 2011, 106, 082502.	2.9	33
139	Production of ^{112}Sn and ^{114}Sn isotopes through $^{112}\text{Sn} + ^{6}\text{He}$ reactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S157-S160.	2.9	24
140	Time resolution of small-size RPC prototypes for relativistic ions. , 2011, , .		0
141	Large-area RPC prototypes for R3B Time-of-Flight wall. , 2011, , .		0
142	Total Fission Cross Sections in Reactions $p + ^{181}\text{Ta}$ Investigated in Inverse Kinematics at Relativistic Energies. Journal of the Korean Physical Society, 2011, 59, 1852-1855.	0.7	0
143	Target dependence in the study of collective modes in stable and exotic Ni nuclei. Journal of Physics: Conference Series, 2010, 202, 012035.	0.4	0
144	Energy dependence of ^{238}U fission yields investigated in inverse kinematics. EPJ Web of Conferences, 2010, 2, 07003.	0.3	2

#	ARTICLE	IF	CITATIONS
145	6He + 9Be reactions at 16.8 MeV. European Physical Journal A, 2010, 43, 153-158.	2.5	22
146	Investigating the radial distributions of medium-mass nuclei. Nuclear Physics A, 2010, 834, 467c-469c.	1.5	0
147	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
148	One-neutron knockout of n-rich Ne isotopes at relativistic energies. Nuclear Physics A, 2010, 834, 485c-487c.	1.5	0
149	Residual Nuclei Production in the reaction $^{136}\text{Xe} + \text{deuterium}$ at 500 A MeV. AIP Conference Proceedings, 2010, , .	0.4	0
150	Minor actinide fission induced by multi-nucleon transfer reaction in inverse kinematics. EPJ Web of Conferences, 2010, 2, 07001.	0.3	4
151	Investigating the fission process at high excitation energies through proton induced reactions on ^{181}Ta . EPJ Web of Conferences, 2010, 8, 07011.	0.3	0
152	Investigating the intra-nuclear cascade process using the reaction ^{136}Xe on deuterium at 500 A MeV. EPJ Web of Conferences, 2010, 8, 07012.	0.3	2
153	Reply to "Comment on 'Low-energy ^{18}O cross section measurements relevant to ^{13}C ray emission'". Physical Review C, 2010, 81, .	2.9	1
154	Isomer spectroscopy of ^{127}Cd . Physical Review C, 2010, 82, .	2.9	20
155	Isotopes of heavy elements in fragmentation reactions of ^{238}U projectiles at 1 A GeV. Physical Review C, 2010, 82, .	2.9	76
156	Shape coexistence and isomeric states in neutron-rich ^{112}Tc and ^{113}Tc . Physical Review C, 2010, 82, .	2.9	18
157	Publisher's Note: One-neutron knockout from light neutron-rich nuclei at relativistic energies [Phys. Rev. C82, 024305 (2010)]. Physical Review C, 2010, 82, .	2.9	0
158	One-neutron knockout from light neutron-rich nuclei at relativistic energies. Physical Review C, 2010, 82, .	2.9	20
159	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
160	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
161	Performances of 4-gap timing RPCs for relativistic ions in the range $Z = 1-6$. Journal of Instrumentation, 2009, 4, P11007-P11007.	1.2	9
162	Isotopic resolution of fission fragments from $^{238}\text{U} + ^{12}\text{C}$ transfer and fusion reactions. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
163	Production of medium-mass neutron-rich nuclei in [²³⁸ U fission. , 2009, , .		1
164	New Insights into the Structure of Exotic Nuclei Using the RISING Active Stopper. , 2009, , .		1
165	Nuclear structure of ^{208}Pb isomeric states in ^{208}Hg . <i>Physical Review Letters</i> , 2009, 102, 152701. http://www.w3.org/1998/Math/MathML display="inline" ^{208}Pb ^{208}Hg	2.9	31
166	Characterization of Large Frustum CsI(Tl) Crystals for the $R^3\text{B}$ Calorimeter. <i>IEEE Transactions on Nuclear Science</i> , 2009, 56, 962-967.	2.0	9
167	Observation of narrow states in nuclei beyond the proton drip line: ^{15}F and ^{16}Ne . <i>Physical Review Letters</i> , 2009, 102, 152701. http://www.w3.org/1998/Math/MathML display="inline" ^{15}F and ^{16}Ne	2.9	37
168	Analysis of the elastic scattering measured with a 23.7 MeV [⁷ Be beam on a [⁹ Be target. , 2009, , .		0
169	Testing of a DSSSD detector for the stopped RISING project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 598, 754-758.	1.6	44
170	Recent progress in measuring \hat{T}^2 half-lives of nuclei approaching the r-process waiting point A = 195. <i>Nuclear Physics A</i> , 2009, 827, 587c-589c.	1.5	28
171	Proton "hole" excitation in the closed shell nucleus ^{205}Au . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 672, 116-119.	4.1	37
172	Evolution of the $N=82$ shell gap below ^{132}Sn inferred from core excited states in ^{131}In . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 672, 313-316.	4.1	48
173	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
174	Production cross-sections of neutron-rich Pb and Bi isotopes in the fragmentation of ^{238}U . <i>European Physical Journal A</i> , 2009, 42, 485.	2.5	15
175	Low-energy ^{208}Pb isomeric states in ^{208}Hg . http://www.w3.org/1998/Math/MathML display="inline" ^{208}Pb ^{208}Hg		

#	ARTICLE	IF	CITATIONS
181	Design studies and first crystal tests for the R3B calorimeter. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4616-4620.	1.4	11
182	Evidence for core excitation in single-particle states of ^{19}Na . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 864-869.	4.1	14
183	Study of dipole excitations and the single particle structure of neutron rich Ni isotopes. AIP Conference Proceedings, 2008, , .	0.4	0
184	Experimental investigation of the residues produced in the $^{136}\text{Xe} + ^{136}\text{Pb}$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 864-869.	2.9	51
185	Production of medium-mass neutron-rich nuclei in reactions induced by ^{56}Fe at $1 < \text{GeV} < 10$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 864-869.	7.8	33
186	Production and Beta Half Lives of Nuclei Close to the Nucleosynthesis R-Process Path at $N=126$. AIP Conference Proceedings, 2007, , .	2.9	54
187	Characterization of large frustum CsI(Tl) crystals for the R3B calorimeter. , 2008, , .		3
188	Proton-proton correlations observed in two-proton decay of ^{19}Mg and ^{19}Ne . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 659, 864-869.	2.9	71
189	Optimization of Energy Resolution Obtained With CsI(Tl) Crystals for the R3B Calorimeter. IEEE Transactions on Nuclear Science, 2008, 55, 1259-1262.	2.0	12
190	Production and Beta Half Lives of Nuclei Close to the Nucleosynthesis R-Process Path at $N=126$. AIP Conference Proceedings, 2007, , .	0.4	0
191	Observation of ^{19}Na states by inelastic scattering. AIP Conference Proceedings, 2007, , .	0.4	0
192	Search for two-proton radioactivity of ^{19}Mg in a tracking experiment. AIP Conference Proceedings, 2007, , .	0.4	0
193	R & D on scintillating crystals for the ^3B calorimeter. , 2007, , .		0
194	Spallation residues in the reaction $^{56}\text{Fe} + \text{p}$ at 0.3A, 0.5A, 0.75A, 1.0A, and 1.5A GeV. Physical Review C, 2007, 75, .	2.9	85
195	Measurement of the complete nuclide production and kinetic energies of the system $^{136}\text{Xe} + ^{136}\text{Pb}$ + hydrogen at 1 GeV. Physical Review C, 2007, 75, .	2.9	79
196	Observation of Two-Proton Radioactivity of ^{19}Mg by Tracking the Decay Products. Physical Review Letters, 2007, 99, 182501.	7.8	129
197	Production of $^{136}\text{Xe} + ^{136}\text{Pb}$ Reaction-Process Waiting-Point Nucleus ^{136}Xe . Physical Review Letters, 2007, 99, 132501.	7.8	135
198	Isotopic production cross sections and recoil velocities of spallation-fission fragments in the reaction $^{238}\text{U} + \text{d}$. Physical Review C, 2007, 75, .	2.9	24

#	ARTICLE	IF	CITATIONS
199	Reactions induced by 35 MeV ^6He beam on ^{12}C and ^{14}C . European Physical Journal: Special Topics, 2007, 150, 43-46.	2.6	0
200	New low-energy measurement of the $^{18}\text{F}(p, \hat{\pm})^{15}\text{O}$ reaction. European Physical Journal: Special Topics, 2007, 150, 211-214.	2.6	2
201	Production of heavy neutron-rich nuclei "south" of lead. European Physical Journal: Special Topics, 2007, 150, 309-310.	2.6	8
202	New technique to determine beta half-lives in complex background conditions. , 2007, , .		1
203	Isotopic production cross sections and kinematics of spallation residues from the reaction $^{238}\text{U}(1 \text{ AGeV}) + d$. , 2007, , .		0
204	Residue production in $^{136}\text{Xe} + p$ spallation reaction. , 2007, , .		0
205	Coincidence measurement of the reaction $^{56}\text{Fe} + p$ at 1 GeV per nucleon with SPALADIN. , 2007, , .		0
206	Exclusive measurements on at 1 AGeV 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
207	High angular momentum states populated in fragmentation reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 203-206.	4.1	25
208	Structure effects on reaction mechanisms in collisions induced by radioactive ion beams. Physics of Atomic Nuclei, 2006, 69, 1366-1371.	0.4	7
209	A first experimental approach to the $^{15}\text{O} + \hat{\pm}$ elastic scattering. European Physical Journal A, 2006, 27, 183-186.	2.5	8
210	Conceptual design of a large area time-of-flight wall for the R3B experiment at FAIR. Nuclear Physics, Section B, Proceedings Supplements, 2006, 158, 186-189.	0.4	9
211	Very heavy fission fragments produced in the spallation reaction $^{238}\text{U} + p$ at. Nuclear Physics A, 2006, 765, 197-210.	1.5	29
212	Evaporation residues produced in spallation of ^{208}Pb by protons at. Nuclear Physics A, 2006, 768, 1-21.	1.5	45
213	Neutron-deficient ^{126}Na nuclei produced in ^{238}U fragmentation: population of high-spin states. AIP Conference Proceedings, 2006, , .	0.4	4
214	Low-energy states in ^{11}N and two-proton emission of ^{12}O . AIP Conference Proceedings, 2006, , .	0.4	1
215	Spectroscopy of the proton drip-line nucleus ^{19}Na by resonant elastic and inelastic scattering. AIP Conference Proceedings, 2006, , .	0.4	0
216	Primordial ^7Li abundance and the role of the $^7\text{Be}(d, p)^2\hat{\pm}$ reaction. AIP Conference Proceedings, 2006, , .	0.4	0

#	ARTICLE	IF	CITATIONS
217	Exclusive Spallation Measurements on $^{56}\text{Fe}+p$ with the SPALADIN setup. AIP Conference Proceedings, 2006, , .	0.4	0
218	Reaction Mechanisms in Collisions Induced by Halo and/or Weakly Bound Nuclei Around the Barrier: the $^{13}\text{N}+^9\text{Be}$ and $^6\text{He}+^{64}\text{Zn}$ Collisions. AIP Conference Proceedings, 2006, , .	0.4	0
219	$^{\hat{1}}\hat{2}\hat{n}\hat{a}^{\hat{1}}\hat{1}$ Molecular Band in ^{10}Be . Physical Review Letters, 2006, 96, 042501.	7.8	127
220	Isotopic production cross sections of spallation-evaporation residues from reactions of ^{238}U (1AGeV) with deuterium. Physical Review C, 2006, 74, .	2.9	46
221	Low-lying states in the unbound ^{11}N nucleus. Physical Review C, 2006, 73, .	2.9	28
222	Transient and quasistationary dissipative effects in the fission flux across the barrier in 1AGeV ^{238}U on deuterium reactions. Physical Review C, 2006, 74, .	2.9	51
223	The $^7\text{Be}(d, \hat{a}\% p)^{\hat{2}}\hat{1}$ Cross Section at Big Bang Energies and the Primordial ^7Li Abundance. Astrophysical Journal, 2005, 630, L105-L108.	4.5	76
224	Isotopically resolved residues from the fragmentation of projectiles with largely different N/Z $\hat{a}\%$ the isospin-thermometer method. Nuclear Physics A, 2005, 749, 110-113.	1.5	1
225	Nuclide cross-sections of fission fragments in the reaction $^{208}\text{Pb} + p$ at 500 $\hat{a}\%$ MeV. Nuclear Physics A, 2005, 747, 227-267.	1.5	41
226	Study of the $^{19}\text{Ne}(p, \hat{1}^3)^{20}\text{Na}$ reaction and subsequent improvements to ARES. Nuclear Physics A, 2005, 758, 741-744.	1.5	3
227	Study of $^7\text{Be}+d$ reactions for Standard Big Bang Nucleosynthesis. Nuclear Physics A, 2005, 758, 775-778.	1.5	3
228	Isotopic Yields of Fission Fragments from Transfer-Induced Fission. AIP Conference Proceedings, 2005, , .	0.4	0
229	Production and Half-lives of Neutron-rich Isotopes Near $N=126$. AIP Conference Proceedings, 2005, , .	0.4	4
230	Measurement of residual nucleus cross sections and recoil energies in $p + \text{Fe}$ collisions at 300, 500, 750, 1000 and 1500 MeV. AIP Conference Proceedings, 2005, , .	0.4	7
231	Basic Research at GSI for the Transmutation of Nuclear Waste in Accelerator Driven Reactor Systems (ADS). AIP Conference Proceedings, 2005, , .	0.4	0
232	Nuclide Cross-Sections Of Fission Fragments In The Reaction $^{208}\text{Pb}+p$ At 500 A MeV. AIP Conference Proceedings, 2005, , .	0.4	0
233	New direct study of the $^{19}\text{Ne}(p, \hat{1}^3)^{20}\text{Na}$ reaction cross section. Physical Review C, 2004, 69, .	2.9	17
234	Measurement of a Complete Set of Nuclides, Cross Sections, and Kinetic Energies in Spallation of $^{238}\hat{a}\% \hat{a}\% \hat{1}\hat{A}\hat{a}\% \hat{a}\% \text{GeV}\hat{a}\% \hat{a}\%$ with Protons. Physical Review Letters, 2004, 93, 212701.	7.8	40

#	ARTICLE	IF	CITATIONS
235	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
236	Production cross-sections and momentum distributions of fragments from neutron-deficient Ar at GeV. Nuclear Physics A, 2004, 733, 187-199.	1.5	9
237	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
238	Evaporation residues produced in the spallation reaction at 1 A GeV. Nuclear Physics A, 2003, 724, 413-430.	1.5	88
239	Fission-residues produced in the spallation reaction $^{238}\text{U} + p$ at 1 A GeV. Nuclear Physics A, 2003, 725, 213-253.	1.5	93
240	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
241	Experimental Indications for the Response of the Spectators to the Participant Blast. Physical Review Letters, 2003, 90, 212302.	7.8	24
242	Residual nuclei produced by spallation reactions. European Physical Journal Special Topics, 2002, 12, 63-73.	0.2	2
243	Systematic survey on heavy-residue production in fragmentation reactions. AIP Conference Proceedings, 2002, , .	0.4	0
244	FISSION STUDIES WITH PRE-ACTINIDES USED IN SPALLATION SOURCES FOR NUCLEAR WASTE TRANSMUTATION. , 2000, , .		0
245	Spallation reactions: A tool for RNB production and a neutron source for nuclear waste transmutation. , 1999, , .		0
246	Spallation-reaction cross sections relevant for accelerator-driven systems. , 1999, , .		0