

Marina Trimarchi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1163117/publications.pdf>

Version: 2024-02-01

218
papers

2,120
citations

293460

24
h-index

340414

39
g-index

221
all docs

221
docs citations

221
times ranked

1113
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for rare $3\text{-}\hat{\text{I}}\text{C}$ decays in the region of the Hoyle state of ^{12}C . Nuclear Physics A, 2022, 1020, 122395.	0.6	9
2	Dynamical dipole excitation in the fission of a ^{235}U nucleus. Physical Review C, 2022, 105, .	1.1	0
3	The EEE Multigap Resistive Plate Chambers as tracking devices to monitor the stability of a civil building. Journal of Instrumentation, 2021, 16, C04003.	0.5	1
4	The cosmic muon and detector simulation framework of the extreme energy events (EEE) experiment. European Physical Journal C, 2021, 81, 1.	1.4	1
5	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.	0.7	19
6	The CaloCube calorimeter for high-energy cosmic-ray measurements in space: performance of a large-scale prototype. Journal of Instrumentation, 2021, 16, P10024.	0.5	5
7	Search for Multi-Coincidence Cosmic Ray Events over Large Distances with the EEE MRPC Telescopes. J, 2021, 4, 838-848.	0.6	1
8	Investigating ^{13}C -ray decay of excited ^{12}C levels with a multifold coincidence analysis. Physical Review C, 2021, 104, .	1.1	11
9	Underground muon flux measured by EEE students. Journal of Physics: Conference Series, 2021, 2156, 012165.	0.3	0
10	Gamma ray detection with CHIMERA at LNS: results and perspectives. Journal of Physics: Conference Series, 2020, 1561, 012007.	0.3	0
11	Scientific and educational aspects of the EEE Project. Journal of Physics: Conference Series, 2020, 1561, 012012.	0.3	0
12	Extreme Energy Events: an extended multi purpose cosmic ray observatory. Journal of Physics: Conference Series, 2020, 1468, 012103.	0.3	0
13	Results from the PolarquEEEst missions. Journal of Physics: Conference Series, 2020, 1561, 012001.	0.3	1
14	MRPC Telescope Simulation for the Extreme Energy Events Experiment. Journal of Physics: Conference Series, 2020, 1561, 012015.	0.3	1
15	Monitoring the long term stability of civil buildings through the MRPC telescopes of the EEE Project. Journal of Physics: Conference Series, 2020, 1561, 012019.	0.3	1
16	On the ^{12}C Hoyle state gamma decay. Journal of Physics: Conference Series, 2020, 1668, 012004.	0.3	3
17	Measurements with cosmic muons to monitor the stability of a civil building on a long time-scale. Journal of Instrumentation, 2020, 15, C03058-C03058.	0.5	2
18	Dynamical versus statistical production of Intermediate Mass Fragments at Fermi Energies. European Physical Journal A, 2020, 56, 1.	1.0	12

#	ARTICLE	IF	CITATIONS
19	Nuclear neck-density determination at Fermi energy with CHIMERA detector. European Physical Journal A, 2020, 56, 1.	1.0	8
20	Isospin Effect on fragment productions and reaction mechanisms for Ni+Ca systems at 25 AMeV. Journal of Physics: Conference Series, 2020, 1643, 012087.	0.3	1
21	The \hat{I}^3 decay of the Hoyle and higher excitation energy states of ^{12}C . Journal of Physics: Conference Series, 2020, 1643, 012145.	0.3	0
22	The NArCoS Project: efficiency estimation and the cross talk problem studied through Monte Carlo simulations. Journal of Physics: Conference Series, 2020, 1643, 012037.	0.3	2
23	Isospin equilibration phenomenon and mid-rapidity IMF emission in the $^{48}\text{Ca} + ^{27}\text{Al}$ 40 MeV/nucleon collision. Journal of Physics: Conference Series, 2020, 1643, 012103.	0.3	0
24	New high precision measurements of the cosmic charged particle rate beyond the Arctic Circle with the PolarquEEEst experiment. European Physical Journal C, 2020, 80, 1.	1.4	2
25	Barrier distributions of the $\text{Mg}^{24} + \text{Zr}^{90,92}$ systems: Influence of energy dissipation. Physical Review C, 2020, 102, .	1.1	2
26	A simulation tool for MRPC telescopes of the EEE project. Journal of Instrumentation, 2020, 15, C10021-C10021.	0.5	2
27	Strategies to reduce the environmental impact in the MRPC array of the EEE experiment. Journal of Instrumentation, 2020, 15, C11011-C11011.	0.5	5
28	Characteristics and performance of the Multigap Resistive Plate Chambers of the EEE experiment. Journal of Instrumentation, 2020, 15, C11014-C11014.	0.5	0
29	CaloCube: a new concept calorimeter for the detection of high energy cosmic rays in space. Journal of Physics: Conference Series, 2019, 1162, 012042.	0.3	6
30	The new Trigger/GPS module for the extreme energy events project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 942, 162358.	0.7	0
31	Performance of the Multigap Resistive Plate Chambers of the Extreme Energy Events Project. Journal of Instrumentation, 2019, 14, C05022-C05022.	0.5	3
32	New Eco-gas mixtures for the Extreme Energy Events MRPCs: results and plans. Journal of Instrumentation, 2019, 14, C08008-C08008.	0.5	4
33	First results from the upgrade of the Extreme Energy Events experiment. Journal of Instrumentation, 2019, 14, C08005-C08005.	0.5	3
34	The EEE MRPC telescopes as tracking tools to monitor building stability with cosmic muons. Journal of Instrumentation, 2019, 14, P06035-P06035.	0.5	6
35	Experimental investigation of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/MathML"> \langle \text{mml:mi}> \hat{I}^3 \langle \text{mml:mi}> \langle \text{mml:math}>$ condensation in light nuclei. Physical Review C, 2019, 100, .	1.1	29
36	A New Approach to Calorimetry in Space-Based Experiments for High-Energy Cosmic Rays. Universe, 2019, 5, 72.	0.9	2

#	ARTICLE	IF	CITATIONS
37	Isospin influence on fragments production in $78\text{Kr} + 40\text{Ca}$ and $86\text{Kr} + 48\text{Ca}$ collisions at 10 MeV/nucleon. European Physical Journal A, 2019, 55, 1.	1.0	16
38	The FARCOS detection system: the first application in a real experiment. , 2019, , .		6
39	Intermediate Mass Fragments production at low energy: reaction mechanism and isospin influence. EPJ Web of Conferences, 2019, 223, 01051.	0.1	1
40	The CALOCUBE project for a space based cosmic ray experiment: design, construction, and first performance of a high granularity calorimeter prototype. Journal of Instrumentation, 2019, 14, P11004-P11004.	0.5	12
41	Search for coincident air showers over large scale distances with the EEE network. Nuclear and Particle Physics Proceedings, 2019, 306-308, 175-182.	0.2	2
42	Performance of the multigap resistive plate chambers of the extreme energy events project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 474-475.	0.7	0
43	The new trigger/GPS module for the EEE project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 376-377.	0.7	5
44	Test of new eco-gas mixtures for the multigap resistive plate chambers of the EEE project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 493-494.	0.7	0
45	Mapping the GDR Quenching in Nuclei of Mass $A=120-132$. Acta Physica Polonica B, 2019, 50, 451.	0.3	1
46	Competition Between Dynamical and Sequential Reaction Channels in $^{197}\text{Au}+^{197}\text{Au}$ Collisions at a Bombarding Energy of 23 MeV. Acta Physica Polonica B, 2019, 50, 501.	0.3	0
47	Pre-equilibrium GDR in a heavy composite system. Journal of Physics: Conference Series, 2018, 966, 012049.	0.3	0
48	Pulse shape discrimination of plastic scintillator EJ 299-33 with radioactive sources. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 889, 83-88.	0.7	23
49	Statistical against dynamical PLF fission as seen by the IMF-IMF correlation functions and comparisons with CoMD model. Journal of Physics: Conference Series, 2018, 1014, 012011.	0.3	5
50	Integration of the GET electronics for the CHIMERA and FARCOS devices. Journal of Physics: Conference Series, 2018, 1014, 012003.	0.3	2
51	Isospin effects on reaction dynamics at Fermi energies. EPJ Web of Conferences, 2018, 194, 07003.	0.1	1
52	The Extreme Energy Events experiment: an overview of the telescopes performance.. Journal of Instrumentation, 2018, 13, P08026-P08026.	0.5	20
53	First results of the Hoyle-Gamma experiment: study of the excited levels in carbon-12 gamma decay. Journal of Physics: Conference Series, 2018, 1078, 012010.	0.3	3
54	Architecture of the FARCOS detection system and first beam experiments. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
55	Structure of ^{10}Be and ^{16}C nuclei via break-up reactions studied with the 4π Chimera array. Journal of Physics: Conference Series, 2018, 940, 012037.	0.3	0
56	First measurement of the isoscalar excitation above the neutron emission threshold of the Pygmy Dipole Resonance in ^{68}Ni . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 112-116.	1.5	38
57	Mapping the demise of collective motion in nuclei at high excitation energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 427-432.	1.5	5
58	Study of resonances produced in Heavy Ion Collisions. Journal of Physics: Conference Series, 2018, 1014, 012014.	0.3	0
59	Measurements of pulse shape discrimination with EJ 299-33 plastic scintillator using heavy ion reaction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 905, 47-52.	0.7	10
60	Search for long distance correlations between extensive air showers detected by the EEE network. European Physical Journal Plus, 2018, 133, 1.	1.2	25
61	Influence of Single Particle Excitations on Barrier Distributions: $^{24}\text{Mg}+^{90,92}\text{Zr}$. Acta Physica Polonica B, 2018, 49, 393.	0.3	2
62	Study of the $^{78,86}\text{Kr}+^{40,48}\text{Ca}$ Reactions at 10, \$A\$, MeV: Comparison with Theoretical Models. Acta Physica Polonica B, Proceedings Supplement, 2018, 11, 189.	0.0	0
63	Experimental Study of the Pygmy Dipole Resonance in the ^{68}Ni Nucleus. Acta Physica Polonica B, 2018, 49, 475.	0.3	0
64	CaloCube: a novel calorimeter for high-energy cosmic rays in space. Journal of Instrumentation, 2017, 12, C06004-C06004.	0.5	0
65	CaloCube: An isotropic spaceborne calorimeter for high-energy cosmic rays. Optimization of the detector performance for protons and nuclei. Astroparticle Physics, 2017, 96, 11-17.	1.9	13
66	Probing the Symmetry Term of the Nuclear Equation of State at High Baryonic Densities. Journal of Physics: Conference Series, 2017, 863, 012059.	0.3	0
67	CaloCube: A new-concept calorimeter for the detection of high-energy cosmic rays in space. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 421-424.	0.7	16
68	CaloCube: an innovative homogeneous calorimeter for the next-generation space experiments. Journal of Physics: Conference Series, 2017, 928, 012013.	0.3	10
69	Dynamical Dipole mode in heavy-ion fusion reactions. Journal of Physics: Conference Series, 2017, 863, 012060.	0.3	0
70	Present status of the FARCOS detection system. , 2017, , .		3
71	The symmetry energy at suprasaturation density and the ASY-EOS experiment at GSI. EPJ Web of Conferences, 2017, 137, 09002.	0.1	0
72	CaloCube: a novel calorimeter for high-energy cosmic rays in space. EPJ Web of Conferences, 2017, 136, 02011.	0.1	0

#	ARTICLE	IF	CITATIONS
73	Study of the cluster structure of ^{10}Be and ^{16}C neutron-rich isotopes by means of intermediate energies breakup reactions. Journal of Physics: Conference Series, 2017, 863, 012029.	0.3	0
74	First on-beam tests of the FARCOS frontend electronics. , 2017, , .		0
75	Study of resonances produced in light nuclei through two and multi particle correlations. Journal of Physics: Conference Series, 2017, 863, 012071.	0.3	0
76	High multiplicity $\hat{1}\pm$ -particle breakup measurements to study $\hat{1}\pm$ -condensate states. Journal of Physics: Conference Series, 2017, 863, 012070.	0.3	1
77	A new method for the determination of very small $\hat{1}\pm$ partial widths. EPJ Web of Conferences, 2017, 165, 01009.	0.1	5
78	Dynamical Dipole mode in heavy-ion fusion reactions. EPJ Web of Conferences, 2017, 163, 00043.	0.1	0
79	N/Z effect on reaction mechanisms cross sections in the $^{78}\text{Kr} + ^{40}\text{Ca}$ and $^{86}\text{Kr} + ^{48}\text{Ca}$ collisions at 10 A MeV. Journal of Physics: Conference Series, 2017, 863, 012062.		0
80	Experimental Studies of the Structure of ^{16}C with Reactions at Intermediate Energy. Acta Physica Polonica B, 2017, 48, 499.	0.3	1
81	Sensitivity of N/Z ratio in projectile break-up of isobaric systems. EPJ Web of Conferences, 2016, 117, 07017.	0.1	0
82	Isospin influence on the decay modes of the systems produced in the $^{78,86}\text{Kr} + ^{40,48}\text{Ca}$ reactions at 10 A MeV. EPJ Web of Conferences, 2016, 117, 08012.	0.1	2
83	Study of two- and multi-particle correlations in $^{12}\text{C} + ^{24}\text{Mg}$ and $^{12}\text{C} + ^{208}\text{Pb}$ reactions at $E = 35$ A MeV. EPJ Web of Conferences, 2016, 117, 07020.	0.1	2
84	Dynamical Dipole mode in the $^{40,48}\text{Ca} + ^{152,144}\text{Sm}$ fusion reactions at 11 MeV/nucleon. EPJ Web of Conferences, 2016, 117, 08016.	0.1	0
85	Study of cluster structures in ^{10}Be and ^{16}C neutron-rich nuclei via break-up reactions. EPJ Web of Conferences, 2016, 117, 06011.	0.1	16
86	The ASY-EOS Experiment at GSI. EPJ Web of Conferences, 2016, 117, 07010.	0.1	0
87	Using CHIMERA detector at LNS for gamma-particle coincidences. EPJ Web of Conferences, 2016, 117, 06008.	0.1	0
88	Campaign of measurements to probe the good performance of the new array FARCOS for spectroscopy and correlations.. Journal of Physics: Conference Series, 2016, 730, 012001.	0.3	14
89	Status and perspective of FARCOS: A new correlator array for nuclear reaction studies. EPJ Web of Conferences, 2016, 117, 10008.	0.1	25
90	Study of nuclear reactions in laser plasmas at future ELI-NP facility. EPJ Web of Conferences, 2016, 117, 05008.	0.1	3

#	ARTICLE	IF	CITATIONS
91	Results of the ASY-EOS experiment at GSI: The symmetry energy at suprasaturation density. Physical Review C, 2016, 94, .	1.1	176
92	New experimental investigation of the structure of ^{10}Be and ^{16}C by means of intermediate-energy sequential Evidence of dynamical dipole excitation in the fusion-evaporation of the $^{40}\text{Ca}+^{152}\text{Sm}$ heavy system. Physical Review C, 2016, 93, .	1.1	41
93	Isospin influence on the decay modes of compound systems produced in the $^{78,86}\text{Kr} + ^{40,48}\text{Ca}$ at 10 AMeV. EPJ Web of Conferences, 2016, 122, 13001.	0.1	1
94	Calocube – A highly segmented calorimeter for a space based experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 609-613.	0.7	13
95	Determination of Impact Parameters in Aligned Breakup of Projectile-like Fragments in $^{197}\text{Au} + ^{197}\text{Au}$ Collisions at 23 A MeV. Acta Physica Polonica B, 2016, 47, 983.	0.3	0
96	Investigation of the Freeze-out Configuration in the $^{197}\text{Au} + ^{197}\text{Au}$ Reaction at 23 A MeV. Acta Physica Polonica B, 2016, 47, 975.	0.3	1
97	Freeze-out configuration properties in the $^{197}\text{Au} + ^{197}\text{Au}$ reaction at 23 A MeV. Physical Review C, 2015, 92, .	1.1	8
98	Dynamical Dipole mode in heavy-ion fusion reactions in the ^{192}Pb mass region. Journal of Physics: Conference Series, 2015, 590, 012052.	0.3	0
99	CALOCUBE: an approach to high-granularity and homogenous calorimetry for space based detectors. Journal of Physics: Conference Series, 2015, 587, 012029.	0.3	10
100	The InKilsSY experiment at LNS: A study of size vs. isospin effects with $^{124}\text{Xe} + ^{64}\text{Zn}$ and $^{124,112}\text{Sn} + ^{64,58}\text{Ni}$ reactions. EPJ Web of Conferences, 2015, 88, 01014.	0.1	1
101	Polar-side emission of heavy IMFs in $^{197}\text{Au} + ^{197}\text{Au}$ collisions at 23 A MeV. EPJ Web of Conferences, 2015, 88, 00007.	0.1	0
102	Status and perspectives of fragmentation beams at LNS with CHIMERA detector. EPJ Web of Conferences, 2015, 88, 00012.	0.1	0
103	The FARCOS project – Status and perspective. EPJ Web of Conferences, 2015, 88, 00013.	0.1	4
104	The ASY-EOS experiment at GSI: Constraining the symmetry energy at supra-saturation densities. EPJ Web of Conferences, 2015, 88, 00022.	0.1	1
105	Production cross sections for intermediate mass fragments from dynamical and statistical decay of projectile-like fragments in $^{124}\text{Sn} + ^{64}\text{Ni}$ and $^{112}\text{Sn} + ^{58}\text{Ni}$ collisions at 35 A MeV. Physical Review C, 2015, 91, .	1.1	24
106	Dipolar degrees of freedom and isospin equilibration processes in heavy ion collisions. Physical Review C, 2015, 91, .	1.1	12
107	Particle gamma correlations in ^{12}C measured with the CsI(Tl) based detector array CHIMERA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 799, 64-69.	0.7	32
108			

#	ARTICLE	IF	CITATIONS
109	Investigation of the Dynamical Dipole mode in the ^{192}Pb mass region. EPJ Web of Conferences, 2014, 66, 03069.	0.1	0
110	Decay competition for IMF produced in the collisions $^{78}\text{Kr}+^{40}\text{Ca}$ and $^{86}\text{Kr}+^{48}\text{Ca}$ at 10 A·MeV. EPJ Web of Conferences, 2014, 66, 03052.	0.1	3
111	The FARCOS project. First characterization of CsI(Tl) crystals of the FARCOS array using charged particle beams at LNS. EPJ Web of Conferences, 2014, 66, 11001.	0.1	2
112	Investigation of the disappearance of collective motion in nuclei of mass $A=120-130$. EPJ Web of Conferences, 2014, 66, 03057.	0.1	0
113	Decay competition in IMF production in the collisions $^{78}\text{Kr}+^{40}\text{Ca}$ and $^{86}\text{Kr}+^{48}\text{Ca}$ at 10 A MeV. Journal of Physics: Conference Series, 2014, 515, 012018.	0.3	8
114	Aligned ternary partitioning of the $^{197}\text{Au} + ^{197}\text{Au}$ system at 23 A MeV beam energy. Physica Scripta, 2014, 89, 054005.	1.2	3
115	Birks ³ scaling of the particle light output functions for the EJ 299-33 plastic scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 768, 141-145.	0.7	8
116	The ASY-EOS experiment at GSI: investigating symmetry energy at supra-saturation densities. EPJ Web of Conferences, 2014, 66, 03074.	0.1	1
117	Transfer reactions on light exotic nuclei studied with CHIMERA detector at LNS. EPJ Web of Conferences, 2014, 66, 03016.	0.1	1
118	Isospin Against Size Effects In Projectile Dynamical Fission For $^{112,124}\text{Sn}+^{58,64}\text{Ni}$ and $^{124}\text{Xe}+^{64}\text{Zn}$ Reactions At 35 A.MeV. Journal of Physics: Conference Series, 2014, 515, 012020.	0.3	2
119	Entrance channel effects in medium mass nuclear systems at 25 MeV/nucleon. Journal of Physics: Conference Series, 2014, 515, 012013.	0.3	0
120	Probing the symmetry energy at low density using observable from neck fragmentation. EPJ Web of Conferences, 2014, 66, 03032.	0.1	1
121	Radiation synthesis and characterization of poly(ethylene oxide)/chitosan hydrogels. Journal of Applied Polymer Science, 2013, 127, 217-223.	1.3	3
122	Radioluminescent characteristics of the EJ 299-33 plastic scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 728, 36-39.	0.7	30
123	Kinematical coincidence method in transfer reactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 715, 56-61.	0.7	11
124	Characterization of peeled and unpeeled almond (<i>Prunus amygdalus</i>) flour after electron beam processing. Radiation Physics and Chemistry, 2013, 86, 140-144.	1.4	14
125	Influence of neutron enrichment on compound system formation and decay in $^{78}\text{Kr}+^{40}\text{Ca}$ and $^{86}\text{Kr}+^{48}\text{Ca}$ reactions at 10 A MeV. , 2013, , .		6
126	Intermediate mass fragment emission and iso-scaling in dissipative Ca+Sn reactions at 45 A MeV. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
127	Dynamical Dipole Mode in the ^{192}Pb Mass Region. Acta Physica Polonica B, 2013, 44, 605.	0.3	1
128	Influence of α -Tocopherol Load and Annealing Treatment on the Wear Resistance of Biomedical UHMWPE Irradiated with Electron Beam. International Journal of Polymer Analysis and Characterization, 2013, 18, 545-556.	0.9	12
129	The ASY-EOS experiment at GSI: investigating the symmetry energy at supra-saturation densities. Journal of Physics: Conference Series, 2013, 420, 012092.	0.3	12
130	Correlations between isospin dynamics and Intermediate Mass Fragments emission time scales: a probe for the symmetry energy in asymmetric nuclear matter. Journal of Physics: Conference Series, 2013, 420, 012105.	0.3	2
131	The Farcos project: Femtoscope Array for Correlations and Femtoscopy. Journal of Physics: Conference Series, 2013, 420, 012158.	0.3	18
132	Emission of fragments in Ca+Ca reactions at 25 MeV/nucleon. Journal of Physics: Conference Series, 2013, 420, 012094.	0.3	1
133	Collective modes: Dynamical dipole excitation in dissipative heavy-ion reactions. , 2012, , .		0
134	FARCOS: A versatile and modular Femtoscopy Array for Correlations and Spectroscopy. , 2012, , . Persistence of odd-even staggering in charged-fragment yields from		3
135	^{112}Sn	1.1	29
136	Mapping the amplitude and position response of double sided silicon strip detectors with monochromatic single protons. , 2012, , .		1
137	Effects of neutron richness on the behavior of nuclear systems at intermediate energies. Physical Review C, 2012, 85. Correlations between emission timescale of fragments and isospin dynamics in	1.1	28
138	$^{124}\text{Sn} + ^{64}\text{Ni}$	1.1	74
139	The N/Z key role on the dynamics of medium mass nuclear systems near fragmentation threshold. Physica Scripta, 2012, T150, 014023.	1.2	0
140	N/Z effects on dynamics of Ca+Ca collisions at 25 MeV/nucleon. Journal of Physics: Conference Series, 2012, 381, 012093.	0.3	0
141	Study and comparison of the decay modes of the systems formed in the reactions $^{78}\text{Kr} + ^{40}\text{Ca}$ and $^{86}\text{Kr} + ^{48}\text{Ca}$ at 10 A MeV. EPJ Web of Conferences, 2012, 21, 02003.	0.1	4
142	Elastic scattering studies of ^{16}C at 50 MeV/A on proton and deuteron targets with the CHIMERA multidetector at INFN-LNS. Journal of Physics: Conference Series, 2012, 381, 012088.	0.3	4
143	Global characteristics of $^{197}\text{Au} + ^{197}\text{Au}$ collisions at 23 A MeV. EPJ Web of Conferences, 2012, 31, 00026.	0.1	1
144	FARCOS, a new array for femtoscopy and correlation spectroscopy. EPJ Web of Conferences, 2012, 31, 00035.	0.1	7

#	ARTICLE	IF	CITATIONS
145	Use of fragmentation beams at LNS with CHIMERA detector. EPJ Web of Conferences, 2012, 31, 00036.	0.1	0
146	ASY-EOS experiment at GSI. EPJ Web of Conferences, 2012, 31, 00012.	0.1	0
147	Isoscaling in dissipative projectile breakup. EPJ Web of Conferences, 2012, 31, 00014.	0.1	2
148	Decay modes of the systems formed in the reactions $^{78}\text{Kr}+^{40}\text{Ca}$ and $^{86}\text{Kr}+^{48}\text{Ca}$. EPJ Web of Conferences, 2012, 31, 00022.	0.1	1
149	N/Z effects on $^{40,48}\text{Ca}+^{40,48}\text{Ca}$ reactions at 25 MeV/nucleon. EPJ Web of Conferences, 2012, 31, 00016.	0.1	0
150	ISODEC Experiment: study and comparison of the decay mode of $^{78}\text{Kr}+^{40}\text{Ca}$ and $^{86}\text{Kr}+^{48}\text{Ca}$ systems at 10 A MeV. EPJ Web of Conferences, 2011, 17, 16010.	0.1	5
151	N/Z effects on evaporation residue emission near fragmentation threshold. EPJ Web of Conferences, 2011, 17, 16005.	0.1	0
152	Search for the Dynamical Dipole mode in the ^{192}Pb mass region. Journal of Physics: Conference Series, 2011, 312, 082039.	0.3	0
153	Dynamical Dipole mode in heavy-ion fusion reactions by using stable and radioactive beams. EPJ Web of Conferences, 2011, 17, 10006.	0.1	0
154	Isospin aspects in nuclear reactions involving Ca beams at 25 MeV/nucleon. Physics of Atomic Nuclei, 2011, 74, 1562-1566.	0.1	0
155	Measurement of focal spot size in a 5.5 MeV linac. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 1157-1165.	0.6	16
156	Even-odd effects in Z and N distributions of fragments emitted at intermediate energies. Physical Review C, 2011, 84, .	1.1	38
157	Title is missing!. Acta Physica Polonica B, 2011, 42, 701.	0.3	1
158	Title is missing!. Acta Physica Polonica B, 2011, 42, 629.	0.3	2
159	Dynamical Dipole Mode in Heavy-Ion Fusion-Evaporation and Fission Reactions in the ^{192}Pb Mass Region. , 2011, , .		0
160	Dynamical dipole mode in heavy-ion fusion reactions. Nuclear Physics A, 2010, 834, 198c-200c.	0.6	3
161	A new monolithic silicon detector telescope with bidimensional sensitivity for imaging applications. Nuclear Physics A, 2010, 834, 758c-760c.	0.6	2
162	Observation of fast collinear partitioning of the $^{197}\text{Au}+^{197}\text{Au}$ system into three and four fragments of comparable size. Physical Review C, 2010, 81, .	1.1	24

#	ARTICLE	IF	CITATIONS
163	Strong enhancement of dynamical emission of heavy fragments in the neutron-rich $^{124}\text{Sn}+^{64}\text{Ni}$ reaction at 35 A MeV. <i>Physical Review C</i> , 2010, 81, .	1.1	31
164	Aligned breakup of heavy nuclear systems as a new type of deep inelastic collisions at small impact parameters. <i>Physical Review C</i> , 2010, 81, .	1.1	20
165	STUDY OF EXOTIC BEAMS INDUCED REACTIONS IN THE REGION OF ^{11}Be WITH CHIMERA ARRAY. <i>International Journal of Modern Physics E</i> , 2010, 19, 1096-1101.	0.4	1
166	Isospin Effects in Heavy-Ion Collisions: Some Results From CHIMERA Experiments At LNS And Perspectives With Radioactive Beams. , 2009, , .		0
167	Mechanical performance of electron beam irradiated UHMWPE in vacuum and in air. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 89B, 55-64.	1.6	19
168	Monolithic silicon telescope as position sensitive detector. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 197, 194-197.	0.5	0
169	X-ray tomography system for industrial applications. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 2138-2141.	0.6	4
170	Imaging monolithic silicon detector telescopes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 589, 280-289.	0.7	4
171	Radiation processing with the Messina electron linac. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 2130-2133.	0.6	0
172	Digital Signal Processing for Monolithic Silicon Detector Telescopes. , 2008, , .		0
173	RE-SEPARATION MODES OF $^{197}\text{Au} + ^{197}\text{Au}$ SYSTEM AT SUB-FERMI ENERGIES. <i>International Journal of Modern Physics E</i> , 2008, 17, 41-52.	0.4	9
174	Centrality dependence of isospin effect signatures in $^{124}\text{Sn}+^{64}\text{Ni}$ and $^{112}\text{Sn}+^{58}\text{Ni}$ reactions. <i>Physical Review C</i> , 2008, 77, .	1.1	22
175	Fast Ternary and Quaternary Breakup of the $^{197}\text{Au}+^{197}\text{Au}$ System in Collisions at 15 MeV/nucleon. <i>Physical Review Letters</i> , 2008, 101, 262701.	2.9	35
176	TERNARY REACTIONS IN $^{197}\text{Au} + ^{197}\text{Au}$ COLLISIONS REVISITED. <i>International Journal of Modern Physics E</i> , 2007, 16, 511-515.	0.4	11
177	Dynamical multi-breakup processes in the $^{124}\text{Sn}+^{64}\text{Ni}$ system at 35 MeV/nucleon. <i>Physical Review C</i> , 2007, 75, .	1.1	34
178	Study of an electron linac driven x-ray radio-tomographic system response as a function of the electron beam current. , 2007, , .		0
179	Going towards the dual energy x-ray radiographic system for material recognition purposes. , 2007, , .		0
180	Measurements of gas desorption from polyethylene-UHMWPE irradiated by 5 A MeV electrons. <i>Radiation Effects and Defects in Solids</i> , 2007, 162, 809-819.	0.4	7

#	ARTICLE	IF	CITATIONS
181	A modular NIM electronics for Pulse Shape method with the large area n-planar silicon detectors of the 4i€ CHIMERA. , 2006, , .		3
182	Measurements of gas diffusion in polyethylene irradiated by 5ÂMeV electron beams. Radiation Effects and Defects in Solids, 2006, 161, 3-13.	0.4	8
183	Isotopic Identification in Chimera Detector: Recent Results and Perspectives. , 2006, , .		1
184	Synthesis of polyethylene oxide hydrogels by electron radiation. Journal of Applied Polymer Science, 2006, 102, 820-824.	1.3	13
185	DYNAMICAL EVOLUTION OF THE $^{197}\text{Au} + ^{197}\text{Au}$ SYSTEM AT 15 MeV/NUCLEON. International Journal of Modern Physics E, 2006, 15, 495-499.	0.4	15
186	DYNAMICAL FISSION IN THE Sn + Ni INTERACTION AT 35A MeV. International Journal of Modern Physics E, 2006, 15, 410-416.	0.4	4
187	THE CHIMERA DETECTOR AT LNS IN CATANIA: RECENT ACHIEVEMENTS AND PERSPECTIVES. , 2005, , .		0
188	Study of a 5MeV electron linac based neutron source. Nuclear Instruments & Methods in Physics Research B, 2005, 229, 137-143.	0.6	40
189	Design of a 5MeV electron linac based X-ray source. Nuclear Instruments & Methods in Physics Research B, 2005, 240, 913-922.	0.6	8
190	A SEMI-CLASSICAL ANALYSIS OF THE PROTON SEQUENTIAL EMISSION IN $^{16}\text{O} + ^{58}\text{Ni}$ DEEP INELASTIC COLLISIONS. International Journal of Modern Physics E, 2005, 14, 239-254.	0.4	1
191	Dynamical fission in $\text{Sn}^{124} + \text{Ni}^{64}$ collision at 35A MeV. Physical Review C, 2005, 71, .	1.1	39
192	Time sequence and time scale of intermediate mass fragment emission. Physical Review C, 2005, 71, .	1.1	68
193	HOW TO CALIBRATE THE TIME SCALE OF EMISSION OF INTERMEDIATE MASS FRAGMENTS. International Journal of Modern Physics E, 2005, 14, 353-357.	0.4	16
194	Compact 300keV electron gun for radiation processing. Review of Scientific Instruments, 2005, 76, 123301.	0.6	3
195	Particle identification via pulse shape analysis for large-area silicon detectors of the CHIMERA array. IEEE Transactions on Nuclear Science, 2005, 52, 1624-1629.	1.2	25
196	Radiation effects induced by MeV electron beams irradiating dense polyethylene (UHMWPE). Radiation Effects and Defects in Solids, 2004, 159, 259-271.	0.4	12
197	Response of an underwater Cherenkov detector to supernova neutrinos. Physical Review C, 2004, 69, .	1.1	0
198	Isoscaling in central $^{124}\text{Sn} + ^{64}\text{Ni}$, $^{112}\text{Sn} + ^{58}\text{Ni}$ collisions at 35ÂA MeV. Nuclear Physics A, 2004, 732, 173-201.	0.6	85

#	ARTICLE	IF	CITATIONS
199	Fragmentation studies with the CHIMERA detector at LNS in Catania: recent progress. Nuclear Physics A, 2004, 734, 504-511.	0.6	149
200	Pulse Shape Method applied to silicon detectors of CHIMERA array. Nuclear Physics A, 2004, 734, E88-E91.	0.6	12
201	Isotope correlations as a probe for freeze-out characterization: central $^{124}\text{Sn}+^{64}\text{Ni}$, $^{112}\text{Sn}+^{58}\text{Ni}$ collisions. Nuclear Physics A, 2004, 734, 524-527.	0.6	15
202	Mechanical modifications in dense polyethylene induced by energetic electron beams. Radiation Effects and Defects in Solids, 2004, 159, 597-606.	0.4	9
203	Pulsed 5 MeV standing wave electron linac for radiation processing. Physical Review Special Topics: Accelerators and Beams, 2004, 7, .	1.8	10
204	Evidence for Pair Correlation Effects in Heavy Ion Reactions. Acta Physica Hungarica A Heavy Ion Physics, 2003, 17, 41-48.	0.4	3
205	Digital pulse-shape acquisition from CHIMERA telescopes. , 2003, , .		0
206	Comparison between $\tilde{\pi}$ and proton sequential emission in $^{16}\text{O}(132\text{MeV})+^{58}\text{Ni}$ deep inelastic collisions. Physical Review C, 2002, 66, .	1.1	1
207	Particle identification method in the CsI(Tl) scintillator used for the CHIMERA 4π detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 489, 257-265.	0.7	58
208	Mass and charge identification of fragments detected with the Chimera Silicon 4π CsI(Tl) telescopes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 490, 251-262.	0.7	52
209	Proton and $\tilde{\pi}$ Sequential Emission in the $^{16}\text{O} + ^{58}\text{Ni}$ Deep Inelastic Reaction: A Semi-Classical Approach. Acta Physica Hungarica A Heavy Ion Physics, 2002, 16, 281-289.	0.4	1
210	Cerenkov light from cosmic rays: A comparison of different parametrizations. AIP Conference Proceedings, 2001, , .	0.3	0
211	Physics with the Chimera detector at LNS in Catania: the REVERSE experiment. Nuclear Physics A, 2001, 681, 331-338.	0.6	50
212	A α -delayed α -counting method to determine indoor Rn-222 levels indirectly. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 469, 240-243.	0.7	0
213	The km ³ Mediterranean neutrino observatory - the NEMO.RD project. Nuclear Physics, Section B, Proceedings Supplements, 2001, 100, 344-346.	0.5	4
214	Semiclassical approach to sequential $\tilde{\pi}$ emission in $(96\text{ MeV})^{16}\text{O}+^{58}\text{Ni}$ and $(133\text{ MeV})^{16}\text{O}+^{48}\text{Ti}$ deep inelastic collisions. Physical Review C, 2001, 64, .	1.1	3
215	Feasibility studies for a Mediterranean neutrino observatory α the NEMO.RD Project. Nuclear Physics, Section B, Proceedings Supplements, 2000, 87, 433-435.	0.5	8
216	A new electronic set up for pulse shape method with large area planar silicon detector of CHIMERA. , 0, , .		0

#	ARTICLE	IF	CITATIONS
217	A Compact 5 MeV S-Band Electron Linac Based X-Ray Source for Industrial Radiography. , 0, , .		4
218	Extensive Cosmic Showers Detection: Metrological Characterization and Optimization of the EEE Timing System. , 0, , .		1