

Enrico De Filippo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1949559/publications.pdf>

Version: 2024-02-01

252
papers

3,361
citations

182225

30
h-index

232693

48
g-index

252
all docs

252
docs citations

252
times ranked

1225
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for rare $3\text{-}\hat{I}\pm$ decays in the region of the Hoyle state of ^{12}C . Nuclear Physics A, 2022, 1020, 122395. Electron-loss-to-continuum cusp in collisions of $^{\text{U}}$	0.6	9
2	with $^{\text{N}}$	1.0	3
3	Temperature and Density Conditions for Alpha Clustering in Excited Self-Conjugate Nuclei. Symmetry, 2021, 13, 1562.	1.1	4
4	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
5	$^{\text{C}}$ \hat{I}^3 -ray decay of excited $^{\text{C}}$ levels with a multifold coincidence analysis. Physical Review C, 2021, 104, .	1.1	11
6	Gamma ray detection with CHIMERA at LNS: results and perspectives. Journal of Physics: Conference Series, 2020, 1561, 012007.	0.3	0
7	On the ^{12}C Hoyle state gamma decay. Journal of Physics: Conference Series, 2020, 1668, 012004.	0.3	3
8	Radiative electron capture to the continuum in $^{\text{N}}$ collisions: Experiment and theory. Physical Review A, 2020, 101, .	0.3	0
9	Dynamical versus statistical production of Intermediate Mass Fragments at Fermi Energies. European Physical Journal A, 2020, 56, 1.	1.0	12
10	Nuclear neck-density determination at Fermi energy with CHIMERA detector. European Physical Journal A, 2020, 56, 1.	1.0	8
11	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
12	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
13	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
14	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
15	Barrier distributions of the $\text{Mg}^{24} + \text{Zr}^{90,92}$ systems: Influence of energy dissipation. Physical Review C, 2020, 102, .	1.1	2
16	Experimental investigation of $^{\text{U}}$ condensation in light nuclei. Physical Review C, 2019, 100, .	1.1	29
17	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
18	The FARCOS detection system: the first application in a real experiment. , 2019, , .		6

#	ARTICLE	IF	CITATIONS
19	Mapping the GDR Quenching in Nuclei of Mass $A=120-132$. Acta Physica Polonica B, 2019, 50, 451.	0.3	1
20	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
21	Pre-equilibrium GDR in a heavy composite system. Journal of Physics: Conference Series, 2018, 966, 012049.	0.3	0
22	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
23	GET: A generic electronics system for TPCs and nuclear physics instrumentation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 887, 81-93.	0.7	81
24	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
25	Integration of the GET electronics for the CHIMERA and FARCOS devices. Journal of Physics: Conference Series, 2018, 1014, 012003.	0.3	2
26	Isospin effects on reaction dynamics at Fermi energies. EPJ Web of Conferences, 2018, 194, 07003.	0.1	1
27	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
28	Status and Perspectives of the INFN-LNS In-Flight Fragment Separator. Journal of Physics: Conference Series, 2018, 1014, 012016.	0.3	19
29	Architecture of the FARCOS detection system and first beam experiments. , 2018, , .		2
30	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
31	256 Channel Antialiasing Filter with Selectable Parameters and Differential Input to be Coupled with the GET Frontend Electronics: Design and Performance. , 2018, , .		3
32	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
33	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
34	Study of resonances produced in Heavy Ion Collisions. Journal of Physics: Conference Series, 2018, 1014, 012014.	0.3	0
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Study of the $^{78,86}\text{Kr}+^{40,48}\text{Ca}$ Reactions at 10, 20, 30 MeV: Comparison with Theoretical Models. Acta Physica Polonica B, Proceedings Supplement, 2018, 11, 189.	0.0	0
38	Experimental Study of the Pygmy Dipole Resonance in the ^{68}Ni Nucleus. Acta Physica Polonica B, 2018, 49, 475.	0.3	0
39	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
40	Dynamical Dipole mode in heavy-ion fusion reactions. Journal of Physics: Conference Series, 2017, 863, 012060.	0.3	0
41	Alpha-particle clustering in excited alpha-conjugate nuclei. Journal of Physics: Conference Series, 2017, 863, 012054.	0.3	2
42	Present status of the FARCOS detection system. , 2017, , .		3
43	The symmetry energy at suprasaturation density and the ASY-EOS experiment at GSI. EPJ Web of Conferences, 2017, 137, 09002.	0.1	0
44	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
45	First on-beam tests of the FARCOS frontend electronics. , 2017, , .		0
46	Study of resonances produced in light nuclei through two and multi particle correlations. Journal of Physics: Conference Series, 2017, 863, 012071.	0.3	0
47	High multiplicity \hat{I}_{\pm} -particle breakup measurements to study \hat{I}_{\pm} -condensate states. Journal of Physics: Conference Series, 2017, 863, 012070.	0.3	1
48	A new method for the determination of very small $\hat{\Gamma}^{\text{f}3}$ partial widths. EPJ Web of Conferences, 2017, 165, 01009.	0.1	5
49	Dynamical Dipole mode in heavy-ion fusion reactions. EPJ Web of Conferences, 2017, 163, 00043.	0.1	0
50	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
51	Experimental Studies of the Structure of ^{16}C with Reactions at Intermediate Energy. Acta Physica Polonica B, 2017, 48, 499.	0.3	1
52	Sensitivity of N/Z ratio in projectile break-up of isobaric systems. EPJ Web of Conferences, 2016, 117, 07017.	0.1	0
53	Alpha-particle clustering in excited expanding self-conjugate nuclei. EPJ Web of Conferences, 2016, 117, 07014.	0.1	2
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	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
58	The ASY-EOS Experiment at GSI. EPJ Web of Conferences, 2016, 117, 07010.	0.1	0
59	Using CHIMERA detector at LNS for gamma-particle coincidences. EPJ Web of Conferences, 2016, 117, 06008.	0.1	0
60	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
61	Status and perspective of FARCOS: A new correlator array for nuclear reaction studies. EPJ Web of Conferences, 2016, 117, 10008.	0.1	25
62	Results of the ASY-EOS experiment at GSI: The symmetry energy at suprasaturation density. Physical Review C, 2016, 94, .	1.1	176
63	New experimental investigation of the structure of ^{10}Be and ^{16}C by means of intermediate-energy sequential $\text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} < \text{mml:mmlmultiscripts} > < \text{mml:mi} > \text{Be} < \text{mml:mi} > < \text{mml:mprescripts} / > < \text{mml:none} / > < \text{mml:mn} > 10 < \text{mml:mn} > < \text{mml:mmlmultiscripts} > < \text{mml:math} > \text{and} < \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} > < \text{mml:mmlmultiscripts} > < \text{mml:mi} \text{mathvariant="normal"} > \text{C} < \text{mml:mi} > < \text{mml:mprescripts} / > < \text{mml:none} / > < \text{mml:mn} > 16 < \text{mml:mn} > < \text{mml:mmlmultiscripts} > < \text{mml:math} >$ by means of intermediate-energy sequential	1.1	41
64	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	7
65	Isospin influence on the decay modes of compound systems produced in the $^{78,86}\text{Kr} + ^{40,48}\text{Ca}$ at 10 A MeV. EPJ Web of Conferences, 2016, 122, 13001.	0.1	1
66	Probing clustering in excited alpha-conjugate nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 475-480.	1.5	22
67	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
68	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
69	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
70	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
71	Forward-angle electron spectroscopy in heavy-ion atom collisions studied at the ESR. Journal of Physics: Conference Series, 2015, 635, 022005.	0.3	0
72	Swift heavy ion induced electron emission from solids. Journal of Physics: Conference Series, 2015, 629, 012007.	0.3	1

#	ARTICLE	IF	CITATIONS
73	Probing the nuclear symmetry energy with heavy-ion collisions. EPJ Web of Conferences, 2015, 88, 00020.	0.1	0
74	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
75	Polar-side emission of heavy IMFs in $^{197}\text{Au}+^{197}\text{Au}$ collisions at 23A MeV. EPJ Web of Conferences, 2015, 88, 00007.	0.1	0
76	Status and perspectives of fragmentation beams at LNS with CHIMERA detector. EPJ Web of Conferences, 2015, 88, 00012.	0.1	0
77	The FARCOS project – Status and perspective. EPJ Web of Conferences, 2015, 88, 00013.	0.1	4
78	The ASY-EOS experiment at GSI: Constraining the symmetry energy at supra-saturation densities. EPJ Web of Conferences, 2015, 88, 00022.	0.1	1
79	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 35A MeV. Physical Review C, 2015, 91, .	1.1	24
80	Dipolar degrees of freedom and isospin equilibration processes in heavy ion collisions. Physical Review C, 2015, 91, .	1.1	12
81	Electron-capture-to-continuum cusp in ^{12}C . Physical Review A, 2015, 91, .	1.1	20
82	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
83	Investigation of the Dynamical Dipole mode in the ^{192}Pb mass region. EPJ Web of Conferences, 2014, 66, 03069.	0.1	0
84	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
85	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
86	Investigation of the disappearance of collective motion in nuclei of mass $A\sim 120-130$. EPJ Web of Conferences, 2014, 66, 03057.	0.1	0
87	Exploring reaction mechanisms and their competition in $^{58}\text{Ni}+^{48}\text{Ca}$ collisions at $E = 25$ A MeV. EPJ Web of Conferences, 2014, 66, 03029.	0.1	0
88	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
89	Radiative-electron-capture-to-continuum cusp in $^{88}\text{Sr}+^{14}\text{N}$ collisions and the high-energy endpoint of electron-nucleus bremsstrahlung. Physical Review A, 2014, 90, .	1.0	25
90	Electron-loss-to-continuum cusp in $^{88}\text{Sr}+^{14}\text{N}$ collisions. Physical Review A, 2014, 90, .	1.0	17

#	ARTICLE	IF	CITATIONS
91	Aligned ternary partitioning of the $^{197}\text{Au} + ^{197}\text{Au}$ system at 23 MeV beam energy. <i>Physica Scripta</i> , 2014, 89, 054005.	1.2	3
92	Experimental effects of dynamics and thermodynamics in nuclear reactions on the symmetry energy as seen by the CHIMERA 4 π detector. <i>European Physical Journal A</i> , 2014, 50, 1.	1.0	50
93	Birks \times^3 scaling of the particle light output functions for the EJ 299-33 plastic scintillator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 768, 141-145.	0.7	8
94	The ASY-EOS experiment at GSI: investigating symmetry energy at supra-saturation densities. <i>EPJ Web of Conferences</i> , 2014, 66, 03074.	0.1	1
95	Isospin Against Size Effects In Projectile Dynamical Fission For $^{112}\text{Sn} + ^{58}\text{Ni}$ and $^{124}\text{Xe} + ^{64}\text{Zn}$ Reactions At 35 A.MeV. <i>Journal of Physics: Conference Series</i> , 2014, 515, 012020.	0.3	2
96	Entrance channel effects in medium mass nuclear systems at 25 MeV/nucleon. <i>Journal of Physics: Conference Series</i> , 2014, 515, 012013.	0.3	0
97	Isospin physics by CHIMERA detector. <i>Journal of Physics: Conference Series</i> , 2014, 527, 012030.	0.3	1
98	Probing the symmetry energy at low density using observable from neck fragmentation. <i>EPJ Web of Conferences</i> , 2014, 66, 03032.	0.1	1
99	Radioluminescent characteristics of the EJ 299-33 plastic scintillator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 728, 36-39.	0.7	30
100	Kinematical coincidence method in transfer reactions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 715, 56-61.	0.7	11
101	Probing the Merits of Different Event Parameters for the Identification of Light Charged Particles in CHIMERA CsI(Tl) Detectors With Digital Pulse Shape Analysis. <i>IEEE Transactions on Nuclear Science</i> , 2013, 60, 284-292.	1.2	6
102	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
103	Intermediate mass fragment emission and iso-scaling in dissipative Ca+Sn reactions at 45 A.MeV. , 2013, , .		0
104	Dynamical Dipole Mode in the ^{192}Pb Mass Region. <i>Acta Physica Polonica B</i> , 2013, 44, 605.	0.3	1
105	The ASY-EOS experiment at GSI: investigating the symmetry energy at supra-saturation densities. <i>Journal of Physics: Conference Series</i> , 2013, 420, 012092.	0.3	12
106	Correlations between isospin dynamics and Intermediate Mass Fragments emission time scales: a probe for the symmetry energy in asymmetric nuclear matter. <i>Journal of Physics: Conference Series</i> , 2013, 420, 012105.	0.3	2
107	The Farcos project: Femtoscope Array for Correlations and Femtoscopy. <i>Journal of Physics: Conference Series</i> , 2013, 420, 012158.	0.3	18
108	Emission of fragments in Ca+Ca reactions at 25 MeV/nucleon. <i>Journal of Physics: Conference Series</i> , 2013, 420, 012094.	0.3	1

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	Isospin effects in projectile-like dynamical fission for $^{112,124}\text{Sn}+^{58,64}\text{Ni}$ reactions at 35 A MeV. , 2009, , .		0
148	Dynamical dipole mode in fusion reactions. , 2009, , .		0
149	Electron Transfer Processes to Continuum in Near-Relativistic Ion-Atom Collisions. , 2009, , .		0
150	Isospin Dependence of Incomplete Fusion Reactions at $^{25}\text{Nucleon}+^{69}\text{MeV}$ Nucleon. <i>Physical Review Letters</i> , 2009, 102, 112701.	2.9	69
151	Preliminary tests of CHIMERA silicon detectors in reverse mode. , 2009, , .		0
152	Dynamical dipole mode in fusion reactions at 16 MeV/nucleon and beam energy dependence. <i>Physical Review C</i> , 2009, 80, .	1.1	33
153	On-Beam Digital Pulse Shape Acquisition From NE102A- BaF_2 Phoswich Detector. <i>IEEE Transactions on Nuclear Science</i> , 2009, 56, 2519-2523.	1.2	1
154	Isospin Effects in Heavy-Ion Collisions: Some Results From CHIMERA Experiments At LNS And Perspectives With Radioactive Beams. , 2009, , .		0
155	Study of Nuclei far From Stability by Using the CHIMERA 4π Detector and Radioactive Beams at LNS. , 2009, , .		0
156	Prompt dipole radiation in fusion reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 664, 47-51.	1.5	26
157	Multifragmentation threshold in $^{93}\text{Nb}+\text{natMg}$ collisions at 30 MeV/nucleon. <i>Nuclear Physics A</i> , 2008, 811, 93-106.	0.6	4
158	Digital Signal Processing for Mass Identification in a 4π -Detector, Using Time of Flight Measurement. <i>IEEE Transactions on Nuclear Science</i> , 2008, 55, 717-722.	1.2	11
159	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
160	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
161	Fast Ternary and Quaternary Breakup of the $^{197}\text{Au}+^{197}\text{Au}$ System in Collisions at 15 A MeV/nucleon. <i>Physical Review Letters</i> , 2008, 101, 262701.	2.9	35
162	Three-Electron Auger Process from Beam-Foil Excited Multiply Charged Ions. <i>Physical Review Letters</i> , 2008, 100, 233202.	2.9	15

#	ARTICLE	IF	CITATIONS
163	TERNARY REACTIONS IN $^{197}\text{Au} + ^{197}\text{Au}$ COLLISIONS REVISITED. International Journal of Modern Physics E, 2007, 16, 511-515.	0.4	11
164	Prompt dipole $\hat{\Gamma}^3$ -ray emission: a new cooling mechanism in fusion heavy-ion reactions. AIP Conference Proceedings, 2007, , .	0.3	1
165	Bombarding insulating foils with highly energetic ions. Radiation Effects and Defects in Solids, 2007, 162, 303-318.	0.4	3
166	Dynamical multi-breakup processes in the $^{124}\text{Sn} + ^{64}\text{Ni}$ system at 35 MeV/nucleon. Physical Review C, 2007, 75, .	1.1	34
167	On-Board Digital Signal Processing for 4 π -Detector Large-Area Telescopes. IEEE Transactions on Nuclear Science, 2007, 54, 208-213.	1.2	11
168	Impact and Application: Fast Electron Ejection in Atomic Collisions Studied with the ARGOS Multi-Detector. Nuclear Physics News, 2007, 17, 16-19.	0.1	2
169	In-flight emission of projectile Auger electrons from highly energetic heavy ions ($20\text{MeV/u} < E < 100\text{MeV/u}$) colliding with carbon foils. Nuclear Instruments & Methods in Physics Research B, 2007, 256, 510-514.	0.6	4
170	Forward and backward electron emission cross-sections for 23 MeV/u ^{12}C , ^{64}Ni and ^{197}Au projectiles traversing $^{\text{C}}$, $^{\text{Al}}$, $^{\text{Ni}}$, $^{\text{Ag}}$, $^{\text{Au}}$ and $^{\text{Bi}}$ foils. European Physical Journal A, 2007, 32, 349-356.	1.0	1
171	A modular NIM electronics for Pulse Shape method with the large area n-planar silicon detectors of the 4π CHIMERA. , 2006, , .		3
172	Isotopic Identification in Chimera Detector: Recent Results and Perspectives. , 2006, , .		1
173	Properties of projectile-fragments in the $^{40}\text{Ar} + ^{27}\text{Al}$ reaction at 44 A $\hat{\epsilon}$ %MeV. Comparison with a multisequential decay model. Nuclear Physics A, 2006, 773, 1-23.	0.6	4
174	Correlation functions of light charged particles from projectile-like fragment source in and 77 MeV $^{40}\text{Ar} + ^{27}\text{Al}$ collisions. Nuclear Physics A, 2006, 765, 307-318.	0.6	7
175	Digital Pulse Shape Acquisition From BaF_2 : Preliminary Results. , 2006, , .		1
176	Dipole $\hat{\Gamma}^3$ -ray emission in fusion heavy-ion reactions: beam energy dependence. AIP Conference Proceedings, 2006, , .	0.3	1
177	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
178	DYNAMICAL FISSION IN THE $\text{Sn} + \text{Ni}$ INTERACTION AT 35A MeV. International Journal of Modern Physics E, 2006, 15, 410-416.	0.4	4
179	Fermi shuttle acceleration in atomic collisions: the case of ion induced electron emission. Nuclear Instruments & Methods in Physics Research B, 2005, 230, 419-425.	0.6	11
180	Fast electron production in collisions of swift heavy ions ($20\text{MeV/u} < E < 100\text{MeV/u}$) with foils of solids. Nuclear Instruments & Methods in Physics Research B, 2005, 233, 31-42.	0.6	8

#	ARTICLE	IF	CITATIONS
181	Dynamical fission in $^{124}\text{Sn}+^{64}\text{Ni}$ collision at 35 A MeV. <i>Physical Review C</i> , 2005, 71, .	1.1	39
182	Time sequence and time scale of intermediate mass fragment emission. <i>Physical Review C</i> , 2005, 71, .	1.1	68
183	HOW TO CALIBRATE THE TIME SCALE OF EMISSION OF INTERMEDIATE MASS FRAGMENTS. <i>International Journal of Modern Physics E</i> , 2005, 14, 353-357.	0.4	16
184	Particle identification via pulse shape analysis for large-area silicon detectors of the CHIMERA array. <i>IEEE Transactions on Nuclear Science</i> , 2005, 52, 1624-1629.	1.2	25
185	Two-particle correlation functions in projectilelike emission experiments at very forward angles. <i>Physical Review C</i> , 2004, 70, .	1.1	3
186	Light particle emission in $^{135}\text{Cl}+^{24}\text{Mg}$ fusion reactions at high excitation energy and angular momentum. <i>Physical Review C</i> , 2004, 69, .	1.1	18
187	Fast-electron ejection from C, Ni, Ag and Au foils by $^{36}\text{Ar}^{18+}$ (95 MeV/u): Measurements of absolute cross-sections. <i>European Physical Journal A</i> , 2004, 21, 169-174.	1.0	6
188	Fragmentation studies with the CHIMERA detector at LNS in Catania: recent progress. <i>Nuclear Physics A</i> , 2004, 734, 504-511.	0.6	149
189	Pulse Shape Method applied to silicon detectors of CHIMERA array. <i>Nuclear Physics A</i> , 2004, 734, E88-E91.	0.6	12
190	Isotope correlations as a probe for freeze-out characterization: central $^{124}\text{Sn}+^{64}\text{Ni}$, $^{112}\text{Sn}+^{58}\text{Ni}$ collisions. <i>Nuclear Physics A</i> , 2004, 734, 524-527.	0.6	15
191	CHIMERA data acquisition via digital sampling technique. <i>IEEE Transactions on Nuclear Science</i> , 2004, 51, 1475-1481.	1.2	15
192	Recent results on fast electron production induced by energetic heavy ions on thin solid targets. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 209, 212-218.	0.6	5
193	Recent results on fast intermediate velocity electron production induced by $^{19+45}\text{A MeV }^{58}\text{Ni}$ highly charged ions on thin solid targets. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 205, 841-846.	0.6	7
194	Absolute cross sections for binary-encounter electron ejection by 95-MeV/u $^{36}\text{Ar}^{18+}$ penetrating carbon foils. <i>Physical Review A</i> , 2003, 68, .	1.0	11
195	Measurements of sideward flow around the balance energy. <i>Physical Review C</i> , 2002, 65, .	1.1	45
196	MUSE: an integrated trigger and readout control system for CHIMERA. <i>IEEE Transactions on Nuclear Science</i> , 2002, 49, 334-338.	1.2	4
197	Processing CsI(Tl) 2-D matrices by means of neural networks and Markov random fields. <i>IEEE Transactions on Nuclear Science</i> , 2002, 49, 1661-1668.	1.2	2
198	CHIMERA data acquisition and computational system using DSP-based VME modules. <i>IEEE Transactions on Nuclear Science</i> , 2002, 49, 432-436.	1.2	5

#	ARTICLE	IF	CITATIONS
199	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
200	Mass and charge identification of fragments detected with the Chimera Silicon 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
201	A spatial density analysis technique for the automatic classification of 4π pi/ detector data. IEEE Transactions on Nuclear Science, 2001, 48, 385-390.	1.2	9
202	Light charged particle and neutron velocity spectra in coincidence with projectile fragments in the reaction 40Ar(44A)+. Nuclear Physics A, 2001, 683, 566-593.	0.6	20
203	Physics with the Chimera detector at LNS in Catania: the REVERSE experiment. Nuclear Physics A, 2001, 681, 331-338.	0.6	50
204	Automatic analysis of CHIMERA experimental data by means of a hierarchical pre-attentive neural system. Computer Physics Communications, 2001, 140, 13-20.	3.0	7
205	Theory and measurement of absolute doubly differential cross sections of binary encounter electron ejection in collisions of swift heavy ions with solids. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 3261-3274.	0.6	13
206	Influence of multiple sources on the two-neutron correlation function in Ni-induced, intermediate energy, heavy ion reactions. Physical Review C, 2001, 64, .	1.1	7
207	Possibility to Deduce the Emission Time Sequence of Neutrons and Protons from the Neutron-Proton Correlation Function. Physical Review Letters, 2001, 87, 102701.	2.9	26
208	Sequential fission decay induced by transfer reactions at the Coulomb barrier. Physical Review C, 2001, 64, .	1.1	2
209	Ejection of fast electrons following the impact of 45 MeV/u 58Ni(q=19,28) on solid-foil targets. Physical Review A, 2001, 63, .	1.0	14
210	Characterization of nuclear sources from neutron-neutron, proton-proton and neutron-proton correlation functions. Nuclear Physics A, 2000, 674, 277-297.	0.6	36
211	Emission time scale of light particles in the system Xe+Sn at 50 A MeV. A probe for dynamical emission?. European Physical Journal A, 2000, 7, 245-253.	1.0	27
212	CHIMERA multidetector at Laboratori Nazionali del Sud. AIP Conference Proceedings, 2000, , .	0.3	0
213	Neutron-neutron intensity interferometry in E/A=45 MeV, 58Ni+27Al, natNi, and 197Au reactions. Physical Review C, 2000, 62, .	1.1	9
214	The on-line computational and control system for the 4π pi/-detector CHIMERA. IEEE Transactions on Nuclear Science, 2000, 47, 196-200.	1.2	9
215	Fast Electron Production at Intermediate Energies: Evidence for Fermi Shuttle Acceleration and for Deviations from Simple Relativistic Kinematics. Physical Review Letters, 1999, 83, 4518-4521.	2.9	43
216	Characterization of nuclear sources via two-neutron intensity interferometry. Nuclear Physics A, 1999, 660, 20-40.	0.6	11

#	ARTICLE	IF	CITATIONS
217	Study of the fusion-fission process in the $^{35}\text{Cl} + ^{24}\text{Mg}$ reaction. <i>European Physical Journal A</i> , 1998, 2, 281-293.	1.0	23
218	Comparing different architectures for real-time computing of special algorithms: A case study. <i>Microprocessors and Microsystems</i> , 1998, 22, 111-120.	1.8	3
219	Fast-electron production in atomic collisions induced by $^{77}\text{Ar} \sim 7\text{ MeV}$ ^{40}Ar ions studied with a multidetector. <i>Physical Review A</i> , 1998, 58, 3634-3641.	1.0	19
220	Fusion and binary-decay mechanisms in the $^{35}\text{Cl} + ^{24}\text{Mg}$ system at $E/A \approx 8\text{ MeV}$. <i>Physical Review C</i> , 1998, 57, 731-742.	1.1	22
221	Heavy fragment production in $^{40}\text{Ar} + ^{232}\text{Th}$ reactions at 27A, 44A, and 77A MeV. <i>Physical Review C</i> , 1998, 57, 1788-1796.	1.1	3
222	Inclusive measurements of light charged particles emitted in the reaction $^{40}\text{Ar} + ^{27}\text{Al}$ at 60A MeV. <i>Physical Review C</i> , 1998, 58, 281-288.	1.1	14
223	Detector array control and triggering. <i>IEEE Transactions on Nuclear Science</i> , 1998, 45, 1798-1803.	1.2	9
224	Surveying the nuclear caloric curve. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 390, 41-48.	1.5	125
225	A Neutron Detection Efficiency Study For BaF ₂ Crystal. <i>Il Nuovo Cimento A</i> , 1997, 110, 505-513.	0.2	10
226	A hot expanding source in 50 A MeV Xe + Sn central reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 391, 15-21.	1.5	108
227	Timing performances and edge effects of detectors worked from 6-in. silicon slices. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997, 385, 306-310.	0.7	13
228	Light response and particle identification with large CsI(Tl) crystals coupled to photodiodes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 369, 50-54.	0.7	29
229	Vaporization events from binary dissipative collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 388, 219-223.	1.5	40
230	Kinematical properties and composition of vaporizing sources: is thermodynamical equilibrium achieved?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 388, 224-228.	1.5	29
231	$^{35}\text{Cl} + ^{12}\text{C}$ asymmetrical fission excitation functions. <i>Physical Review C</i> , 1996, 54, 227-236.	1.1	24
232	Origin and decay-properties of binary fragments produced in the $^{35}\text{Cl} + ^{24}\text{Mg}$ reaction at. <i>Nuclear Physics A</i> , 1995, 583, 161-164.	0.6	7
233	Onset of vaporization for the Ar+Ni system. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 353, 27-31.	1.5	20
234	Production of heavy fragments in the reaction. <i>Nuclear Physics A</i> , 1995, 583, 441-447.	0.6	7

#	ARTICLE	IF	CITATIONS
235	Chimera: a project of a 4π detector for heavy ion reactions studies at intermediate energy. Nuclear Physics A, 1995, 583, 461-464.	0.6	61
236	Study of the nuclear multifragmentation: recent results obtained with the INDRA detector in the intermediate energy domain. Nuclear Physics A, 1995, 583, 481-489.	0.6	7
237	Angular correlations of projectilelike and fission fragments in the reaction $O^{16}+^{238}U$ at 110 MeV. Physical Review C, 1994, 50, 891-896.	1.1	3
238	A study of light quenching in BaF ₂ crystals for heavy ions at intermediate energies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 342, 527-533.	0.7	11
239	Equilibrium versus non-equilibrium emission in projectile fragmentation for the $^{40}Ar + natAg$ system at 58.7 A MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 300-306.	1.5	14
240	Comparison of isotopic distributions for projectile-like fragments issued from ^{40}Ar and ^{40}Ca induced reactions on Al target at intermediate energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 31-35.	1.5	4
241	The response of a NE102A-BaF ₂ phoswich detector to low-energy heavy ions. Il Nuovo Cimento A, 1994, 107, 775-782.	0.2	7
242	Loss of light charged particles by nuclear interactions in BaF ₂ crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 332, 161-168.	0.7	8
243	Peripheral interactions in the collision of $O^{16}+^{238}U$ at 110.4 MeV bombarding energy. Physical Review C, 1993, 47, 1170-1177.	1.1	14
244	Heavy ions detection by using BaF ₂ crystals coupled to thin plastic scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 323, 694-696.	0.7	18
245	Using BaF ₂ crystals as detectors of light charged particles at intermediate energies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 312, 515-520.	0.7	34
246	The ablation stage in the fast abrasion model. Zeitschrift für Physik A, 1992, 343, 429-436.	0.9	7
247	Real-time computing of special algorithms with a DSP-based board. , 0, , .		5
248	Extending a monoprocessor real-time system in a DSP-based multiprocessing environment. , 0, , .		1
249	The enhanced data acquisition system for the 4π detector CHIMERA. , 0, , .		0
250	The on-line computational and control system for the 4π -detector CHIMERA. , 0, , .		0
251	Time Measurement via Digital Pulse Shape Acquisition: Preliminary on-Beam Tests at Several Sampling Frequencies Using CHIMERA Multidetector. , 0, , .		3
252	Particle Identification with the 4π ; Chimera Detector Array. , 0, , .		1