

# Enrico De Filippo

## List of Publications by Year in descending order

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252  
papers

3,361  
citations

159585

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252  
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252  
docs citations

252  
times ranked

1193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Results of the ASY-EOS experiment at GSI: The symmetry energy at suprasaturation density. Physical Review C, 2016, 94, .	2.9	176
2	Fragmentation studies with the CHIMERA detector at LNS in Catania: recent progress. Nuclear Physics A, 2004, 734, 504-511.	1.5	149
3	Surveying the nuclear caloric curve. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 390, 41-48.	4.1	125
4	A hot expanding source in 50 A MeV Xe + Sn central reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 391, 15-21.	4.1	108
5	Evidence for $\hat{\pm}$ -particle condensation in nuclei from the Hoyle state deexcitation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 65-70.	4.1	84
6	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.	1.6	81
7	Correlations between emission timescale of fragments and isospin dynamics in collisions at intermediate energy. Physical Review Letters, 2010, 105, 112701.	2.9	77
8	Isospin Dependence of Incomplete Fusion Reactions at Intermediate Energy. Physical Review Letters, 2009, 102, 112701.	2.9	74
9	Time sequence and time scale of intermediate mass fragment emission. Physical Review C, 2005, 71, .	2.9	68
11	Chimera: a project of a 4 $\sqrt{e}$ detector for heavy ion reactions studies at intermediate energy. Nuclear Physics A, 1995, 583, 461-464.	1.5	61
12	Particle identification method in the CsI(Tl) scintillator used for the CHIMERA 4 $\sqrt{e}$ detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 489, 257-265.	1.6	58
13	Mass and charge identification of fragments detected with the Chimera Silicon $\sqrt{e}$ CsI(Tl) telescopes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 490, 251-262.	1.6	52
14	Physics with the Chimera detector at LNS in Catania: the REVERSE experiment. Nuclear Physics A, 2001, 681, 331-338.	1.5	50
15	Experimental effects of dynamics and thermodynamics in nuclear reactions on the symmetry energy as seen by the CHIMERA 4 $\pi$ detector. European Physical Journal A, 2014, 50, 1.	2.5	50
16	Measurements of sideward flow around the balance energy. Physical Review C, 2002, 65, .	2.9	45
17	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.	7.8	43
18	New experimental investigation of the structure of $^{10}\text{C}$ by means of intermediate-energy sequential fragmentation of $^{16}\text{C}$ by means of intermediate-energy sequential	2.9	41

#	ARTICLE	IF	CITATIONS
19	Vaporization events from binary dissipative collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 219-223.	4.1	40
20	Dynamical fission in $^{124}\text{Sn}+^{64}\text{Ni}$ collision at 35 A MeV. Physical Review C, 2005, 71, .	2.9	39
21	Even-odd effects in Z and N distributions of fragments emitted at intermediate energies. Physical Review C, 2011, 84, .	2.9	38
22	First measurement of the isoscalar excitation above the neutron emission threshold of the Pygmy Dipole Resonance in $^{68}\text{Ni}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 112-116.	4.1	38
23	Characterization of nuclear sources from neutron-neutron, proton-proton and neutron-proton correlation functions. Nuclear Physics A, 2000, 674, 277-297.	1.5	36
24	Fast Ternary and Quaternary Breakup of the $^{197}\text{Au}+^{197}\text{Au}$ System in Collisions at 15 A MeV/nucleon. Physical Review Letters, 2008, 101, 262701.	7.8	35
25	Using BaF2 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.	1.6	34
26	Dynamical multi-breakup processes in the $^{124}\text{Sn}+^{64}\text{Ni}$ system at 35 MeV/nucleon. Physical Review C, 2007, 75, .	2.9	34
27	Dynamical dipole mode in fusion reactions at 16 MeV/nucleon and beam energy dependence. Physical Review C, 2009, 80, .	2.9	33
28	Particle gamma correlations in $^{12}\text{C}$ 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.	1.6	32
29	Strong enhancement of dynamical emission of heavy fragments in the neutron-rich $^{124}\text{Sn}+^{64}\text{Ni}$ reaction at 35 A MeV. Physical Review C, 2010, 81, .	2.9	31
30	Isospin transport effects in nuclear reactions at 25 MeV/nucleon. Physical Review C, 2010, 82, .	2.9	31
31	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.	1.6	30
32	Light response and particle identification with large CsI(Tl) crystals coupled to photodiodes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 369, 50-54.	1.6	29
33	Kinematical properties and composition of vaporizing sources: is thermodynamical equilibrium achieved?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, Persistence of odd-even staggering in charged-fragment yields from	4.1	29
34	$\frac{112}{Z} \supset \text{Sn}$ $+ \dots$ $\dots$ $\dots$ Experimental investigation of	2.9	29
35	$\frac{1}{2} \pm$ condensation in light nuclei. Physical Review C, 2019, 100, .	2.9	29
36	Effects of neutron richness on the behavior of nuclear systems at intermediate energies. Physical Review C, 2012, 85, .	2.9	28

#	ARTICLE	IF	CITATIONS
37	Emission time scale of light particles in the system Xe+Sn at 50 AMeV. A probe for dynamical emission?. European Physical Journal A, 2000, 7, 245-253.	2.5	27
38	Possibility to Deduce the Emission Time Sequence of Neutrons and Protons from the Neutron-Proton Correlation Function. Physical Review Letters, 2001, 87, 102701.	7.8	26
39	Prompt dipole radiation in fusion reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 664, 47-51.	4.1	26
40	Particle identification via pulse shape analysis for large-area silicon detectors of the CHIMERA array. IEEE Transactions on Nuclear Science, 2005, 52, 1624-1629.	2.0	25
41	Radiative-electron-capture-to-continuum cusp in U88++N2 collisions and the high-energy endpoint of electron-nucleus bremsstrahlung. Physical Review A, 2014, 90, .	2.5	25
42	Status and perspective of FARCOS: A new correlator array for nuclear reaction studies. EPJ Web of Conferences, 2016, 117, 10008.	0.3	25
43	Cl35+12C asymmetrical fission excitation functions. Physical Review C, 1996, 54, 227-236.	2.9	24
44	Observation of fast collinear partitioning of the Au197+Au197 system into three and four fragments of comparable size. Physical Review C, 2010, 81, .	2.9	24
45	Production cross sections for intermediate mass fragments from dynamical and statistical decay of projectile-like fragments in Sn124+Ni64 and Sn112+Ni58 collisions at 35 A MeV. Physical Review C, 2015, 91, .	2.9	24
46	Study of the fusion-fission process in the 35Cl +24Mg reaction. European Physical Journal A, 1998, 2, 281-293.	2.5	23
47	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.	1.6	23
48	Fusion and binary-decay mechanisms in the 35Cl+24Mg system at E/A ≈ 8 MeV. Physical Review C, 1998, 57, 731-742.	2.9	22
49	Centrality dependence of isospin effect signatures in Sn124+64Ni and Sn112+Ni58 reactions. Physical Review C, 2008, 77, .	2.9	22
50	Use of Large Surface MicroChannel Plates for the Tagging of Intermediate Energy Exotic Beams. Nuclear Physics, Section B, Proceedings Supplements, 2011, 215, 272-274.	0.4	22
51	Probing clustering in excited alpha-conjugate nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 475-480.	4.1	22
52	Onset of vaporization for the Ar+Ni system. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 353, 27-31.	4.1	20
53	Light charged particle and neutron velocity spectra in coincidence with projectile fragments in the reaction 40Ar(44A)+. Nuclear Physics A, 2001, 683, 566-593.	1.5	20
54	Aligned breakup of heavy nuclear systems as a new type of deep inelastic collisions at small impact parameters. Physical Review C, 2010, 81, .	2.9	20

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55	Electron-capture-to-continuum cusp in $^{208}\text{Pb} + ^{208}\text{Pb}$ collisions. Physical Review A, 2015, 91, .	2.5	20
56	Fast-electron production in atomic collisions induced by $^{77}\text{Ar}^{40+}$ ions studied with a multidetector. Physical Review A, 1998, 58, 3634-3641.	2.5	19
57	Status and Perspectives of the INFN-LNS In-Flight Fragment Separator. Journal of Physics: Conference Series, 2018, 1014, 012016.	0.4	19
58	NeuLAND: The high-resolution neutron time-of-flight spectrometer for R3B at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1014, 165701.	1.6	19
59	Heavy ions detection by using BaF <sub>2</sub> 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.	1.6	18
60	Light particle emission in $^{135}\text{Cl} + ^{24}\text{Mg}$ fusion reactions at high excitation energy and angular momentum. Physical Review C, 2004, 69, .	2.9	18
61	The Farcos project: Femtoscope Array for Correlations and Femtoscopy. Journal of Physics: Conference Series, 2013, 420, 012158.	0.4	18
62	Electron-loss-to-continuum cusp in $^{88}\text{U} + ^{14}\text{N}$ collisions. Physical Review A, 2014, 90, .	2.5	17
63	HOW TO CALIBRATE THE TIME SCALE OF EMISSION OF INTERMEDIATE MASS FRAGMENTS. International Journal of Modern Physics E, 2005, 14, 353-357.	1.0	16
64	Study of cluster structures in $^{10}\text{Be}$ and $^{16}\text{C}$ neutron-rich nuclei via break-up reactions. EPJ Web of Conferences, 2016, 117, 06011.	0.3	16
65	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.	2.5	16
66	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.	1.5	15
67	CHIMERA data acquisition via digital sampling technique. IEEE Transactions on Nuclear Science, 2004, 51, 1475-1481.	2.0	15
68	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.	1.0	15
69	Three-Electron Auger Process from Beam-Foil Excited Multiply Charged Ions. Physical Review Letters, 2008, 100, 233202.	7.8	15
70	Peripheral interactions in the collision of $^{16}\text{O} + ^{238}\text{U}$ at 110.4 MeV bombarding energy. Physical Review C, 1993, 47, 1170-1177.	2.9	14
71	Equilibrium versus non-equilibrium emission in projectile fragmentation for the $^{40}\text{Ar} + \text{natAg}$ system at 58.7 A MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 300-306.	4.1	14
72	Inclusive measurements of light charged particles emitted in the reaction $^{40}\text{Ar} + ^{27}\text{Al}$ at 60 A MeV. Physical Review C, 1998, 58, 281-288.	2.9	14

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73	Ejection of fast electrons following the impact of 45 MeV/u <sup>58</sup> Ni <sup>q+</sup> (q=19,28) on solid-foil targets. <i>Physical Review A</i> , 2001, 63, .	2.5	14
74	Investigation of the Dependence of CsI(Tl) Scintillation Time Constants and Intensities on Particle's Energy, Charge and Mass Through Direct Fitting of Digitized Waveforms. <i>IEEE Transactions on Nuclear Science</i> , 2012, 59, 1772-1780.	2.0	14
75	Campaign of measurements to probe the good performance of the new array FARCOS for spectroscopy and correlations.. <i>Journal of Physics: Conference Series</i> , 2016, 730, 012001.	0.4	14
76	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.	1.6	13
77	Theory and measurement of absolute doubly differential cross sections of binary encounter electron ejection in collisions of swift heavy ions with solids. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001, 34, 3261-3274.	1.5	13
78	Pulse Shape Method applied to silicon detectors of CHIMERA array. <i>Nuclear Physics A</i> , 2004, 734, E88-E91.	1.5	12
79	The ASY-EOS experiment at GSI: investigating the symmetry energy at supra-saturation densities. <i>Journal of Physics: Conference Series</i> , 2013, 420, 012092.	0.4	12
80	Dipolar degrees of freedom and isospin equilibration processes in heavy ion collisions. <i>Physical Review C</i> , 2015, 91, .	2.9	12
81	Dynamical versus statistical production of Intermediate Mass Fragments at Fermi Energies. <i>European Physical Journal A</i> , 2020, 56, 1.	2.5	12
82	A study of light quenching in BaF <sub>2</sub> crystals for heavy ions at intermediate energies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994, 342, 527-533.	1.6	11
83	Characterization of nuclear sources via two-neutron intensity interferometry. <i>Nuclear Physics A</i> , 1999, 660, 20-40.	1.5	11
84	Absolute cross sections for binary-encounter electron ejection by 95-MeV/u <sup>36</sup> Ar <sup>18+</sup> penetrating carbon foils. <i>Physical Review A</i> , 2003, 68, .	2.5	11
85	Fermi shuttle acceleration in atomic collisions: the case of ion induced electron emission. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2005, 230, 419-425.	1.4	11
86	TERNARY REACTIONS IN 197AU + 197AU COLLISIONS REVISITED. <i>International Journal of Modern Physics E</i> , 2007, 16, 511-515.	1.0	11
87	On-Board Digital Signal Processing for 4 $\pi$ -Detector Large-Area Telescopes. <i>IEEE Transactions on Nuclear Science</i> , 2007, 54, 208-213.	2.0	11
88	Digital Signal Processing for Mass Identification in a $4\pi$ -Detector, Using Time of Flight Measurement. <i>IEEE Transactions on Nuclear Science</i> , 2008, 55, 717-722.	2.0	11
89	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.	1.6	11
90	Investigating $^{13}\text{C}$ $\alpha$ -ray decay of excited $^{12}\text{C}$ levels with a multifold coincidence analysis. <i>Physical Review C</i> , 2021, 104, .	2.9	11

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91	A Neutron Detection Efficiency Study For BaF2 Crystal. Il Nuovo Cimento A, 1997, 110, 505-513.	0.2	10
92	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.	1.6	10
93	Detector array control and triggering. IEEE Transactions on Nuclear Science, 1998, 45, 1798-1803.	2.0	9
94	Neutron-neutron intensity interferometry in $E/A=45\text{ MeV}$ , $^{58}\text{Ni}+^{27}\text{Al}$ , $^{nat}\text{Ni}$ , and $^{197}\text{Au}$ reactions. Physical Review C, 2000, 62, .	2.9	9
95	The on-line computational and control system for the $4\pi$ detector CHIMERA. IEEE Transactions on Nuclear Science, 2000, 47, 196-200.	2.0	9
96	A spatial density analysis technique for the automatic classification of $4\pi$ detector data. IEEE Transactions on Nuclear Science, 2001, 48, 385-390.	2.0	9
97	RE-SEPARATION MODES OF $^{197}\text{Au} + ^{197}\text{Au}$ SYSTEM AT SUB-FERMI ENERGIES. International Journal of Modern Physics E, 2008, 17, 41-52.	1.0	9
98	Search for rare $3\text{-}\beta$ decays in the region of the Hoyle state of $^{12}\text{C}$ . Nuclear Physics A, 2022, 1020, 122395.	1.5	9
99	Loss of light charged particles by nuclear interactions in BaF2 crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 332, 161-168.	1.6	8
100	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.	1.4	8
101	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.	0.4	8
102	Birks $\times^3$ 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.	1.6	8
103	Freeze-out configuration properties in the $^{197}\text{Au} + ^{197}\text{Au}$ reaction at 23 A MeV. Physical Review C, 2015, 92, .	2.9	8
104	Radiative electron capture to the continuum in $^{89}\text{Zr} + ^{208}\text{Pb}$ collisions: Experiment and theory. Physical Review A, 2020, 101, .		
105	Nuclear neck-density determination at Fermi energy with CHIMERA detector. European Physical Journal A, 2020, 56, 1.	2.5	8
106	The ablation stage in the fast abrasion model. Zeitschrift für Physik A, 1992, 343, 429-436.	0.9	7
107	The response of a NE102A-BaF2 phoswich detector to low-energy heavy ions. Il Nuovo Cimento A, 1994, 107, 775-782.	0.2	7
108	Origin and decay-properties of binary fragments produced in the $^{35}\text{Cl} + ^{24}\text{Mg}$ reaction at. Nuclear Physics A, 1995, 583, 161-164.	1.5	7



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109	Production of heavy fragments in the reaction. Nuclear Physics A, 1995, 583, 441-447.	1.5	7
110	Study of the nuclear multifragmentation: recent results obtained with the INDRA detector in the intermediate energy domain. Nuclear Physics A, 1995, 583, 481-489.	1.5	7
111	Automatic analysis of CHIMERA experimental data by means of a hierarchical pre-attentive neural system. Computer Physics Communications, 2001, 140, 13-20.	7.5	7
112	Influence of multiple sources on the two-neutron correlation function in Ni-induced, intermediate energy, heavy ion reactions. Physical Review C, 2001, 64, .	2.9	7
113	Recent results on fast intermediate velocity electron production induced by 19 + 45 A MeV 58 Ni highly charged ions on thin solid targets. Nuclear Instruments & Methods in Physics Research B, 2003, 205, 841-846.	1.4	7
114	Correlation functions of light charged particles from projectile-like fragment source in and 77 MeV 40Ar + 27Al collisions. Nuclear Physics A, 2006, 765, 307-318.	1.5	7
115	FARCOS, a new array for femtoscopy and correlation spectroscopy. EPJ Web of Conferences, 2012, 31, 00035.	0.3	7
116	Evidence of dynamical dipole excitation in the fusion-evaporation of the Ca40+Sm152 heavy system. Physical Review C, 2016, 93, .	2.9	7
117	Fast-electron ejection from C, Ni, Ag and Au foils by 36 Ar 18 + (95 MeV/u): Measurements of absolute cross-sections. European Physical Journal A, 2004, 21, 169-174.	2.5	6
118	Probing the Merits of Different Event Parameters for the Identification of Light Charged Particles in CHIMERA CsI(Tl) Detectors With Digital Pulse Shape Analysis. IEEE Transactions on Nuclear Science, 2013, 60, 284-292.	2.0	6
119	Influence of neutron enrichment on compound system formation and decay in [ <sup>sup 78</sup> Kr+ <sup>sup 40</sup> Ca and [ <sup>sup 86</sup> Kr+ <sup>sup 48</sup> Ca reactions at 10 AMeV. , 2013, , .		6
120	The FARCOS detection system: the first application in a real experiment. , 2019, , .		6
121	Real-time computing of special algorithms with a DSP-based board. , 0, , .		5
122	CHIMERA data acquisition and computational system using DSP-based VME modules. IEEE Transactions on Nuclear Science, 2002, 49, 432-436.	2.0	5
123	Recent results on fast electron production induced by energetic heavy ions on thin solid targets. Nuclear Instruments & Methods in Physics Research B, 2003, 209, 212-218.	1.4	5
124	ISODEC Experiment: study and comparison of the decay mode of 78Kr+40Ca and 86Kr+48Ca systems at 10 AMeV. EPJ Web of Conferences, 2011, 17, 16010.	0.3	5
125	A new method for the determination of very small $\Gamma^{\text{e}^3}$ partial widths. EPJ Web of Conferences, 2017, 165, 01009.	0.3	5
126	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.	0.4	5



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127	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.	4.1	5
128	Comparison of isotopic distributions for projectile-like fragments issued from $^{40}\text{Ar}$ and $^{40}\text{Ca}$ induced reactions on Al target at intermediate energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 31-35.	4.1	4
129	MUSE: an integrated trigger and readout control system for CHIMERA. IEEE Transactions on Nuclear Science, 2002, 49, 334-338.	2.0	4
130	Properties of projectile-fragments in the $^{40}\text{Ar}+^{27}\text{Al}$ reaction at 44 MeV. Comparison with a multisequential decay model. Nuclear Physics A, 2006, 773, 1-23.	1.5	4
131	DYNAMICAL FISSION IN THE Sn + Ni INTERACTION AT 35A MeV. International Journal of Modern Physics E, 2006, 15, 410-416.	1.0	4
132	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.	1.4	4
133	Multifragmentation threshold in $^{93}\text{Nb}+\text{natMg}$ collisions at 30 MeV/nucleon. Nuclear Physics A, 2008, 811, 93-106.	1.5	4
134	Electron Spectroscopy In Heavy-Ion Storage Rings: Resonant and Non-Resonant Electron Transfer Processes. , 2011, , .		4
135	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 10A MeV. EPJ Web of Conferences, 2012, 21, 02003.	0.3	4
136	Elastic scattering studies of $^{16}\text{C}$ at 50 MeV/A on proton and deuteron targets with the CHIMERA multidetector at INFN-LNS. Journal of Physics: Conference Series, 2012, 381, 012088.	0.4	4
137	The FARCOS project – Status and perspective. EPJ Web of Conferences, 2015, 88, 00013.	0.3	4
138	Temperature and Density Conditions for Alpha Clustering in Excited Self-Conjugate Nuclei. Symmetry, 2021, 13, 1562.	2.2	4
139	Angular correlations of projectilelike and fission fragments in the reaction $^{16}\text{O}+^{238}\text{U}$ at 110 MeV. Physical Review C, 1994, 50, 891-896.	2.9	3
140	Comparing different architectures for real-time computing of special algorithms: A case study. Microprocessors and Microsystems, 1998, 22, 111-120.	2.8	3
141	Heavy fragment production in $^{40}\text{Ar}+^{232}\text{Th}$ reactions at 27A, 44A, and 77A MeV. Physical Review C, 1998, 57, 1788-1796.	2.9	3
142	Two-particle correlation functions in projectilelike emission experiments at very forward angles. Physical Review C, 2004, 70, .	2.9	3
143	Time Measurement via Digital Pulse Shape Acquisition: Preliminary on-Beam Tests at Several Sampling Frequencies Using CHIMERA Multidetector. , 0, , .		3
144	A modular NIM electronics for Pulse Shape method with the large area n-planar silicon detectors of the CHIMERA. , 2006, , .		3

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145	Bombarding insulating foils with highly energetic ions. Radiation Effects and Defects in Solids, 2007, 162, 303-318.	1.2	3
146	Dynamical dipole mode in heavy-ion fusion reactions. Nuclear Physics A, 2010, 834, 198c-200c.	1.5	3
147	FARCOS: A versatile and modular Femtoscopy Array for Correlations and Spectroscopy. , 2012, , .		3
148	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.	0.3	3
149	Aligned ternary partitioning of the $^{197}\text{Au} + ^{197}\text{Au}$ system at 23 A MeV beam energy. Physica Scripta, 2014, 89, 054005.	2.5	3
150	Present status of the FARCOS detection system. , 2017, , .		3
151	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.	0.4	3
152	256 Channel Antialiasing Filter with Selectable Parameters and Differential Input to be Coupled with the GET Frontend Electronics: Design and Performance. , 2018, , .		3
153	On the $^{12}\text{C}$ Hoyle state gamma decay. Journal of Physics: Conference Series, 2020, 1668, 012004.	0.4	3
154	Electron-loss-to-continuum cusp in collisions of $^{\text{U}}$ with $^{\text{N}}$ $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}<\text{mml:msup}<\text{mml:mrow}>\text{mml:mi}<\text{mathvariant}=\text{"normal"}>\text{U}</\text{mml:mi}></\text{mml:mrow}><\text{mml:mrow}><\text{mml:mn}>89</\text{mml:mn}><\text{mml:mo}>+</\text{mml:mo}></\text{mml:mrow}></\text{mml:msub}>$	2.5	3
155	Sequential fission decay induced by transfer reactions at the Coulomb barrier. Physical Review C, 2001, 64, .	2.9	2
156	Processing CsI(Tl) 2-D matrices by means of neural networks and Markov random fields. IEEE Transactions on Nuclear Science, 2002, 49, 1661-1668.	2.0	2
157	Impact and Application: Fast Electron Ejection in Atomic Collisions Studied with the ARGOS Multi-Detector. Nuclear Physics News, 2007, 17, 16-19.	0.4	2
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