

# William G Lynch

## List of Publications by Year in descending order

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264  
papers

11,631  
citations

26630

56  
h-index

36028

97  
g-index

265  
all docs

265  
docs citations

265  
times ranked

2520  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of the Equation of State of Dense Matter. <i>Science</i> , 2002, 298, 1592-1596.	12.6	1,186
2	Constraints on the Density Dependence of the Symmetry Energy. <i>Physical Review Letters</i> , 2009, 102, 122701.	7.8	546
3	Isotopic Scaling in Nuclear Reactions. <i>Physical Review Letters</i> , 2001, 86, 5023-5026.	7.8	293
4	Isospin Fractionation in Nuclear Multifragmentation. <i>Physical Review Letters</i> , 2000, 85, 716-719.	7.8	289
5	Angular distributions in heavy-ion-induced fission. <i>Physical Review C</i> , 1985, 32, 195-213.	2.9	242
6	Universality of spectator fragmentation at relativistic bombarding energies. <i>Nuclear Physics A</i> , 1996, 607, 457-486.	1.5	218
7	Statistical formalism for particle emission. <i>Physical Review C</i> , 1983, 28, 16-23.	2.9	189
8	Electromagnetic excitation of $^{11}\text{Li}$ . <i>Physical Review C</i> , 1993, 48, 118-135.	2.9	184
9	Multifragment disintegration of the $^{129}\text{Xe}+^{197}\text{Au}$ system at $E/A=50$ MeV. <i>Physical Review Letters</i> , 1991, 67, 1527-1530.	7.8	177
10	Onset of nuclear vaporization in $^{197}\text{Au}+^{197}\text{Au}$ collisions. <i>Physical Review Letters</i> , 1993, 71, 1502-1505.	7.8	162
11	Two-particle correlations at small relative momenta for induced $^{40}\text{Ca}$ reactions on $^{197}\text{Au}$ at $E/A=60$ MeV. <i>Physical Review C</i> , 1987, 35, 1695-1719.	2.9	161
12	The MSU Miniball $^4\text{He}$ fragment detection array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990, 295, 109-122.	1.6	159
13	The thermodynamic model for nuclear multifragmentation. <i>Physics Reports</i> , 2005, 406, 1-47.	25.6	157
14	Measurement of Complex Fragments and Clues to the Entropy Production from $^{42}\text{Ar}+^{137}\text{Ba}$ . <i>Physical Review Letters</i> , 1983, 51, 1846-1849.	7.8	134
15	Fragmentation of Necklike Structures. <i>Physical Review Letters</i> , 1994, 73, 3070-3073.	7.8	131
16	Transverse momentum distributions in intermediate-energy heavy-ion collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 189, 384-387.	4.1	127
17	The high resolution array (HiRA) for rare isotope beam experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 583, 302-312.	1.6	121
18	Multifragment emission in the reaction at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 268, 6-11.	4.1	120

#	ARTICLE	IF	CITATIONS
19	Statistical multifragmentation in central Au + Au collisions at 35 MeV/u. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 371, 175-180.	4.1	115
20	Isospin dependence of intermediate mass fragment production in heavy-ion collisions at $E/A=55$ MeV. Physical Review C, 1996, 54, 1710-1719.	2.9	113
21	Probing the symmetry energy with heavy ions. Progress in Particle and Nuclear Physics, 2009, 62, 427-432.	14.4	102
22	Neutron-Proton Asymmetry Dependence of Spectroscopic Factors in Ar Isotopes. Physical Review Letters, 2010, 104, 112701.	7.8	101
23	Nuclear temperatures and the population of particle-unstable states of $^{40}\text{Li}$ in induced reactions on $^{197}\text{Au}$ at $E/A=60$ MeV. Physical Review Letters, 1985, 55, 177-180.	7.8	98
24	The influence of cluster emission and the symmetry energy on neutron-proton spectral double ratios. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 664, 145-148.	4.1	96
25	Probing the Symmetry Energy with the Spectral Pion Ratio. Physical Review Letters, 2021, 126, 162701.	7.8	95
26	Impact-parameter filters for $^{36}\text{Ar}+^{197}\text{Au}$ collisions at. Nuclear Physics A, 1992, 548, 489-509.	1.5	91
27	Energy dependence of nuclear matter disassembly in heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 116, 118-122.	4.1	89
28	Formation and Decay of a Localized Region of High Excitation in Heavy-Ion-Induced Reactions. Physical Review Letters, 1983, 51, 1850-1853.	7.8	89
29	Survey of Ground State Neutron Spectroscopic Factors from Li to Cr Isotopes. Physical Review Letters, 2005, 95, 222501.	7.8	88
30	Intermediate mass fragment emission in $^{36}\text{Ar}+^{197}\text{Au}$ collisions at $E/A=35$ MeV. Physical Review C, 1992, 45, 338-352.	2.9	84
31	Sources and emission time scales in $E/A=50$ MeV $^{129}\text{Xe}+^{nat}\text{Cu}$ reactions. Physical Review Letters, 1993, 70, 3534-3537.	7.8	83
32	Energy dependence of multifragmentation in $^{84}\text{Kr}+^{197}\text{Au}$ collisions. Physical Review C, 1994, 49, R2271-R2275.	2.9	83
33	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
34	Emission of complex nuclei in $^{12}\text{C}$ induced reactions at and 30 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 131, 289-292.	4.1	78
35	LASSA: a large area silicon strip array for isotopic identification of charged particles. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 473, 302-318.	1.6	78
36	Yields of medium mass nuclear fragments: Statistical emission. Physical Review C, 1983, 28, 950-951.	2.9	77

#	ARTICLE	IF	CITATIONS
37	Inclusive two-particle correlations for induced $^{16}\text{O}$ reactions on $^{197}\text{Au}$ at $E/A=94\text{ MeV}$ . <i>Physical Review C</i> , 1987, 36, 2297-2308.	2.9	74
38	Collective Expansion in Central Au + Au Collisions. <i>Physical Review Letters</i> , 1994, 73, 3367-3370.	7.8	74
39	Deflection of Nonequilibrium Light Particles by the Nuclear Mean Field. <i>Physical Review Letters</i> , 1986, 57, 559-562.	7.8	73
40	Time scale for emission of intermediate-mass fragments in $^{36}\text{Ar}+^{197}\text{Au}$ collisions at $E/A=35\text{ MeV}$ . <i>Physical Review Letters</i> , 1991, 67, 14-17.	7.8	72
41	Complex particle emission from decaying regions of high excitation formed in $^{12}\text{C}$ induced reactions on $^{197}\text{Au}$ at $E/A=30\text{ MeV}$ . <i>Physical Review C</i> , 1984, 30, 1912-1923.	2.9	69
42	Fragment production in intermediate energy heavy ion reactions. <i>Physical Review C</i> , 1987, 35, 1751-1788.	2.9	69
43	Nuclear Thermometers from Isotope Yield Ratios. <i>Physical Review Letters</i> , 1997, 78, 3836-3839.	7.8	67
44	Light particle emission in induced $^{16}\text{O}$ reactions on $^{12}\text{C}$ , $^{27}\text{Al}$ , and $^{197}\text{Au}$ at $E/A=25\text{ MeV}$ . <i>Physical Review C</i> , 1986, 34, 858-871.	2.9	66
45	Fragment distributions for highly charged systems. <i>Physical Review C</i> , 1997, 55, R2132-R2136.	2.9	66
46	S $\epsilon$ RIT: A time-projection chamber for symmetry-energy studies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 784, 513-517.	1.6	66
47	Intermediate mass fragment emission as a probe of nuclear dynamics. <i>Physical Review C</i> , 1992, 46, 1834-1848.	2.9	65
48	Isotopic Dependence of the Nuclear Caloric Curve. <i>Physical Review Letters</i> , 2009, 102, 152701.	7.8	65
49	Fragment Flow and the Multifragmentation Phase Space. <i>Physical Review Letters</i> , 1995, 74, 38-41.	7.8	63
50	Enhanced Emission of Nonequilibrium Light Particles in the Reaction Plane. <i>Physical Review Letters</i> , 1984, 52, 1967-1970.	7.8	62
51	Prototype AT-TPC: Toward a new generation active target time projection chamber for radioactive beam experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 691, 39-54.	1.6	62
52	Evolution of Nucleus-Nucleus Collision Mechanisms from the Barrier to Beyond the Fermi Energy. <i>Physical Review Letters</i> , 1985, 55, 1376-1379.	7.8	61
53	Multifragment Production in Reactions of $^{112}\text{Sn}+^{112}\text{Sn}$ and $^{124}\text{Sn}+^{124}\text{Sn}$ at $E/A=40\text{ MeV}$ . <i>Physical Review Letters</i> , 1996, 77, 2897-2900.	7.8	60
54	Democratic Decay of $^{26}\text{Be}$ Exposed by Correlations. <i>Physical Review Letters</i> , 2012, 109, 202502.	7.8	59

#	ARTICLE	IF	CITATIONS
55	Energy dependence of source radii and emission temperatures for induced reactions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 172, 27-31.	4.1	58
56	Total reaction cross section for $C^{12}$ on $C^{12}$ , $Ca^{40}$ , $Zr^{90}$ , and $Pb^{208}$ between 10 and 35 MeV/nucleon. Physical Review C, 1986, 34, 2165-2170.	2.9	56
57	Emission temperatures from the decay of particle unstable complex nuclei. Physical Review C, 1992, 45, 132-161.	2.9	56
58	Are Multifragment Emission Probabilities Reducible to an Elementary Binary Emission Probability. Physical Review Letters, 1995, 74, 1530-1533.	7.8	56
59	Emission temperatures in intermediate energy nuclear collisions from the relative populations of widely separated states in $^5Li$ and $^8Be$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 161, 275-279.	4.1	54
60	Constraints on the density dependence of the symmetry energy from heavy-ion collisions. Progress in Particle and Nuclear Physics, 2011, 66, 400-404.	14.4	54
61	Multifragment emission observed for the reaction $Ar^{36}+U^{238}$ at $E/A=35$ MeV. Physical Review Letters, 1989, 63, 494-497.	7.8	53
62	Space-time evolution of the reactions $N^{14}+^{27}Al$ , $Au^{197}$ at $E/A=75$ MeV and $Xe^{129}+^{27}Al$ , $Sn^{122}$ at $E/A=31$ MeV probed by two-proton intensity interferometry. Physical Review C, 1991, 43, 1804-1820.	2.9	53
63	Azimuthal correlations between light particles emitted in $^{12}O$ induced reactions on $^{12}C$ and $^{197}Au$ at 400 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 148, 265-269.	4.1	52
64	Limitations on linear momentum transfer in $^{14}N$ induced reactions on $^{238}U$ at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 134, 169-173.	4.1	51
65	Measurement of the Electric Polarizability of the Deuteron. Physical Review Letters, 1982, 49, 909-912.	7.8	49
66	Energy dependence of fission fragment angular distributions for $^{19}F$ , $^{24}Mg$ and $^{28}Si$ induced reactions on $^{208}Pb$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 129, 18-22.	4.1	49
67	Impact parameter and energy dependence of observables in intermediate energy heavy-ion reactions. Physical Review C, 1989, 40, 1685-1699.	2.9	48
68	Circumstantial Evidence for Critical Behavior in Peripheral $Au+Au$ Collisions at 35 MeV/nucleon. Physical Review Letters, 1996, 76, 2646-2649.	7.8	47
69	Extraction of the multifragmentation time scale in intermediate energy heavy-ion reactions. Physical Review C, 1993, 47, R421-R424.	2.9	46
70	Energy resolution and energy response of CsI(Tl) scintillators for charged particle detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 456, 290-299.	1.6	46
71	Temperature Measurements for Central $Au+Au$ Collisions at 35 MeV. Physical Review Letters, 1997, 78, 1648-1651.	7.8	45
72	Two-particle correlation functions at small relative momenta for $^{14}N$ induced reactions on $^{197}Au$ at $E/A = 35$ MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 174, 36-39.	4.1	42

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73	Observation of Long-Range Three-Body Coulomb Effects in the Decay of $^{16}\text{Ne}$ . Physical Review Letters, 2014, 113, 232501.	7.8	42
74	Final-State Interactions between Noncompound Light Particles for $^{16}\text{O}$ -Induced Reactions on $^{197}\text{Au}$ at $E_A=25\text{ MeV}$ . Physical Review Letters, 1985, 54, 302-305.	7.8	41
75	Coincidence measurements of intermediate mass fragments produced in induced $^{32}\text{S}$ reactions on $^{107}\text{Ag}$ at $E_A=22.5\text{ MeV}$ . Physical Review C, 1986, 34, 536-551.	2.9	41
76	Light particle emission in fusion-like $^{14}\text{N} + ^{197}\text{Au}$ collisions at $E/A = 35\text{ MeV}$ . Nuclear Physics A, 1987, 473, 564-594.	1.5	41
77	Observation of lifetime effects in two-proton correlations for well-characterized sources. Physical Review Letters, 1993, 71, 2863-2866.	7.8	41
78	Two-fragment correlation functions with directional cuts for central $^{36}\text{Ar} + ^{197}\text{Au}$ collisions at $E/A=50\text{ MeV}$ . Physical Review C, 1994, 50, 952-960.	2.9	41
79	Mechanisms in Knockout Reactions. Physical Review Letters, 2009, 102, 232501.	7.8	41
80	Symmetry energy constraints from GW170817 and laboratory experiments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 533-536.	4.1	41
81	Constraining the symmetry energy with heavy-ion collisions and Bayesian analyses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 799, 135045.	4.1	41
82	Cross comparisons of nuclear temperatures determined from excited state populations and isotope yields. Physical Review C, 1996, 53, R1057-R1060.	2.9	40
83	Insights on Skyrme parameters from GW170817. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 1-5.	4.1	40
84	Symmetry energy investigation with pion production from $\text{Sn} + \text{Sn}$ systems. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136016.	4.1	40
85	Non-equilibrium versus equilibrium emission of complex fragments emitted in $^{14}\text{N}$ induced reactions on $^{107}\text{Ag}$ and $^{197}\text{Au}$ at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 220, 356-360.	4.1	39
86	Resolution tests of $\text{CsI(Tl)}$ scintillators read out by pin diodes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 268, 190-199.	1.6	38
87	Intensity-interferometric test of nuclear collision geometries obtained from the Boltzmann-Uehling-Uhlenbeck equation. Physical Review Letters, 1990, 65, 2114-2117.	7.8	38
88	First Observation of Unbound $^{11}\text{O}$ , the Mirror of the Halo Nucleus $^{11}\text{Li}$ . Physical Review Letters, 1988, 61, 2665-2668.	7.8	38
89	Extended emission sources observed via two-proton correlations. Physical Review Letters, 1988, 61, 2665-2668.	7.8	36
90	Thermal source parameters in $\text{Au} + \text{Au}$ central collisions at $35\text{ A MeV}$ . Nuclear Physics A, 1998, 633, 547-562.	1.5	36

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91	Thermal excitation of heavy nuclei with 5.15 GeV/c antiproton, proton and pion beams. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 463, 159-167.	4.1	36
92	Probing the isospin dependence of the in-medium nucleon-nucleon cross sections with radioactive beams. Physical Review C, 2005, 71, .	2.9	36
93	Light-ion-induced multifragmentation: The ISIS project. Physics Reports, 2006, 434, 1-46.	25.6	36
94	Disappearance of fusionlike residues and the nuclear equation of state. Physical Review Letters, 1990, 65, 843-846.	7.8	35
95	In-plane correlations between protons and deuterons for $^{16}\text{O}$ -induced reactions on $^{27}\text{Al}$ and $^{197}\text{Au}$ at 310 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 108, 274-278.	4.1	33
96	Source properties of intermediate-mass fragments emitted in the reaction $^{14}\text{N}+^{232}\text{Th}$ at $E/A=35$ MeV. Physical Review Letters, 1987, 58, 2527-2530.	7.8	33
97	Polarization, dynamics, and nonequilibrium complex-fragment emission. Physical Review Letters, 1988, 60, 1479-1482.	7.8	33
98	Event-mixing analysis of two-proton correlation functions. Physical Review C, 1991, 44, 2865-2868.	2.9	33
99	Excitation functions for complex fragment emission in the $E/A=20\text{--}100$ MeV $^{14}\text{N}+\text{natAg,Au}^{197}$ reactions. Physical Review C, 1992, 45, 2300-2319.	2.9	33
100	Formation and decay of toroidal and bubble nuclei and the nuclear equation of state. Physical Review C, 1993, 48, 933-936.	2.9	33
101	Multifragment production in $\text{Au}+\text{Au}$ at 35 MeV/u. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 368, 259-265.	4.1	33
102	New Approach for Measuring Properties of rp-Process Nuclei. Physical Review Letters, 2004, 92, 172502.	7.8	33
103	Fission following capture reactions of $^{32}\text{S}+^{208}\text{Pb}$ . Physical Review C, 1983, 28, 747-760.	2.9	32
104	Nuclear temperature measurements and feeding from particle unbound states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 182, 155-158.	4.1	32
105	Prompt and sequential decay processes in the fragmentation of 40 MeV/nucleon $^{20}\text{Ne}$ projectiles. Physical Review C, 1995, 52, 3126-3150.	2.9	32
106	Multifragmentation in $E/A=35$ MeV Collisions: Evidence for a Coulomb Driven Breakup?. Physical Review Letters, 1995, 75, 4373-4376.	7.8	32
107	Impact parameter selected excited state populations for $^{36}\text{Ar}+^{197}\text{Au}$ reactions at $E/A=35$ MeV. Physical Review C, 1995, 52, 784-797.	2.9	32
108	Nuclear temperature measurements with helium isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 8-14.	4.1	32



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109	Dynamical emission and isotope thermometry. Physical Review C, 1998, 58, R2636-R2639.	2.9	32
110	Influence of secondary decay on isotope-ratio temperature measurements. Physical Review C, 1999, 59, 1567-1573.	2.9	32
111	Isotope Proton Decay of $^{69}\text{Br}$ and Implications for the $^{68}\text{Se}$	7.8	32
112	White paper on nuclear astrophysics and low energy nuclear physics Part 1: Nuclear astrophysics. Progress in Particle and Nuclear Physics, 2017, 94, 1-67.	14.4	32
113	Statistical Emission of $\text{He}^2$ from Highly Excited Nuclear Systems. Physical Review Letters, 1985, 54, 402-405.	7.8	31
114	Fragmentation products with nonstatistical excited-state populations. Physical Review Letters, 1989, 62, 1021-1024.	7.8	31
115	Expansion effects in intermediate energy heavy-ion reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 300, 29-33.	4.1	31
116	Complex fragments emitted in particle-stable states for the $\text{Ag}^{32}$ reaction at $E/A=22.3\text{MeV}$ . Physical Review C, 1989, 40, 186-210.	2.9	30
117	Azimuthal correlations as a test for centrality in heavy-ion collisions. Nuclear Physics A, 1993, 564, 453-472.	1.5	30
118	Is there a bound dineutron in $^2\text{H}$ ? Physical Review C, 1996, 54, 1589-1591.	2.9	30
119	Evidence for the reducibility of multifragment emission to an elementary binary emission in Xe-induced reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 25-30.	4.1	29
120	Commissioning of the Active-Target Time Projection Chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 875, 65-79.	1.6	29
121	Reaction plane determination for $\text{Ar}^{36} + ^{197}\text{Au}$ collisions at $E/A=35\text{ MeV}$ . Physical Review C, 1991, 44, 2065-2081.	2.9	28
122	Reducibility and Thermal Scaling of Charge Distributions in Multifragmentation. Physical Review Letters, 1995, 75, 213-216.	7.8	28
123	Assessing the Evolutionary Nature of Multifragment Decay. Physical Review Letters, 1995, 75, 1475-1478.	7.8	28
124	Temperature measurement of fragment emitting systems in $\text{Au} + \text{Au}$ 35 MeV/nucleon collisions. Physical Review C, 1998, 58, 953-963.	2.9	28
125	Relativity, Nuclear Polarizability, and Screening in Sub-Coulomb Elastic Scattering. Physical Review Letters, 1982, 48, 979-982.	7.8	27
126	Multifragment emission in $^{36}\text{Ar} + ^{197}\text{Au}$ and $^{129}\text{Xe} + ^{197}\text{Au}$ collisions. Percolation model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 285, 10-14.	4.1	27



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127	Emission temperatures from widely separated states in $^{14}\text{N}$ and induced $^{129}\text{Xe}$ reactions. <i>Physical Review C</i> , 1993, 48, 676-687.	2.9	26
128	Formation of Hot Nuclei with GeV and $^{64}\text{Ni}$ Beams. <i>Physical Review Letters</i> , 1997, 79, 817-820.	7.8	26
129	Nuclear fragmentation and sequential decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 187, 257-260.	4.1	25
130	Space-time characteristics of fragment emission in the $E/A=30$ MeV $^{129}\text{Xe} + \text{natCu}$ reaction. <i>Physical Review C</i> , 1995, 52, 818-830.	2.9	25
131	Charge Correlations and Dynamical Instabilities in the Multifragment Emission Process. <i>Physical Review Letters</i> , 1996, 77, 2634-2637.	7.8	25
132	COMPARISON OF STATISTICAL TREATMENTS FOR THE EQUATION OF STATE FOR CORE-COLLAPSE SUPERNOVAE. <i>Astrophysical Journal</i> , 2009, 707, 1495-1505.	4.5	25
133	Non-linearity effects on the light-output calibration of light charged particles in CsI(Tl) scintillator crystals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 929, 162-172.	1.6	25
134	$^{12}\text{C}$ angular correlations in the $^{127}\text{Al}(^{16}\text{O}, ^{12}\text{C})^{127}\text{Al}$ reaction at 65 MeV. <i>Physical Review C</i> , 1981, 23, 1560-1570.	2.9	24
135	Emission of particle unstable resonances from compound nuclei. <i>Physical Review C</i> , 1984, 29, 132-138.	2.9	24
136	Dependence of two-particle correlation functions on linear momentum transfer to a composite system. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 186, 280-284.	4.1	24
137	Understanding Proton Emission in Central Heavy-Ion Collisions. <i>Physical Review Letters</i> , 1995, 75, 2916-2919.	7.8	24
138	Time-of-flight mass measurements of exotic nuclei. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 696, 171-179.	1.6	24
139	Light particle spectra from 35 MeV/nucleon $^{12}\text{C}$ -induced reactions on $^{197}\text{Au}$ . <i>Physical Review C</i> , 1984, 29, 861-863.	2.9	23
140	Two-proton correlation functions for equilibrium and non-equilibrium emission. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 246, 21-25.	4.1	23
141	Squeeze-out of nuclear matter in Au+Au collisions. <i>Physical Review C</i> , 1996, 53, 1959-1962.	2.9	23
142	Reaction filters. Charged-particle multiplicity and linear momentum transfer. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 220, 492-496.	4.1	22
143	Active Target detectors for studies with exotic beams: Present and next future. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 784, 494-498.	1.6	22
144	Three-particle effects observed in two-particle correlation measurements. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985, 161, 256-260.	4.1	21

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145	Population of particle unbound states for the reaction $^{16}\text{O}+\text{Au}$ at $E/A=94$ MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 199, 171-175.	4.1	21
146	Impact-parameter-selected two-proton intensity interferometry for $\text{Ar}^{36}+\text{Sc}^{45}$ at $E/A=80$ MeV. Physical Review Letters, 1993, 70, 3709-3712.	7.8	21
147	Time scale for multifragmentation in intermediate energy heavy-ion reactions. Physical Review C, 1994, 50, 2424-2437.	2.9	21
148	Isospin independence of the $^4\text{He}$ double isotope ratio thermometer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 416, 56-61.	4.1	21
149	$N/Z$ DEPENDENCE OF PROJECTILE FRAGMENTATION. International Journal of Modern Physics E, 2008, 17, 1838-1849.	1.0	21
150	Thermalization in nucleus-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 282, 299-304.	4.1	20
151	Secondary decays and the helium lithium isotope thermometer. Physical Review C, 1996, 54, R2163-R2166.	2.9	20
152	Proton evaporation time scales from longitudinal and transverse two-proton correlation functions. Physical Review C, 1994, 49, 2788-2791.	2.9	18
153	Examining the cooling of hot nuclei. Physical Review C, 1998, 57, R462-R465.	2.9	18
154	CONSTRAINTS ON THE DENSITY DEPENDENCE OF THE SYMMETRY ENERGY. International Journal of Modern Physics E, 2010, 19, 1631-1638.	1.0	18
155	Decoding the density dependence of the nuclear symmetry energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137098.	4.1	18
156	Fluctuations in multifragment decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 291, 7-10.	4.1	17
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