

William G Lynch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9337468/publications.pdf>

Version: 2024-02-01

264
papers

11,631
citations

30551

56
h-index

40945

97
g-index

265
all docs

265
docs citations

265
times ranked

2624
citing authors

#	ARTICLE	IF	CITATIONS
1	Decoding the density dependence of the nuclear symmetry energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137098.	1.5	18
2	Multiplicity trigger detector for the S $\sqrt{s_{NN}}$ RIT experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1039, 167010.	0.7	1
3	Symmetry energy investigation with pion production from Sn+Sn systems. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136016.	1.5	40
4	Probing the Symmetry Energy with the Spectral Pion Ratio. Physical Review Letters, 2021, 126, 162701.	2.9	95
5	Rapidity distributions of Z \pm 1 isotopes and the nuclear symmetry energy from Sn+Sn collisions with radioactive beams at 270 MeV/nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136681.	1.5	5
6	Reaction losses of charged particles in CsI(Tl) crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1018, 165798.	0.7	4
7	Calibration of large neutron detection arrays using cosmic rays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 967, 163826.	0.7	3
8	Charged particle track reconstruction with S $\sqrt{s_{NN}}$ RIT Time Projection Chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 965, 163840.	0.7	9
9	Space charge effects in the S $\sqrt{s_{NN}}$ RIT time projection chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 959, 163477.	0.7	6
10	Symmetry energy constraints from GW170817 and laboratory experiments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 533-536.	1.5	41
11	Insights on Skyrme parameters from GW170817. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 1-5.	1.5	40
12	Extending the dynamic range of electronics in a Time Projection Chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 944, 162509.	0.7	9
13	the Mirror of the Halo Nucleus	2.9	38
14	Non-linearity effects on the light-output calibration of light charged particles in CsI(Tl) scintillator crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 929, 162-172.	0.7	25
15	Constraints on Skyrme equations of state from doubly magic nuclei, ab initio calculations of low-density neutron matter, and neutron stars. Physical Review C, 2019, 100, .	1.1	11
16	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.	1.5	41
17	Study of spectroscopic factors at N= 29 using isobaric analogue resonances in inverse kinematics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 155-160.	1.5	12
18	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

#	ARTICLE	IF	CITATIONS
19	On determining dead layer and detector thicknesses for a position-sensitive silicon detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 888, 177-183.	0.7	15
20	Application of the Generic Electronics for Time Projection Chamber (GET) readout system for heavy Radioactive isotope collision experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 899, 43-48.	0.7	12
21	A gating grid driver for time projection chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 853, 44-52.	0.7	13
22	KATANA – A charge-sensitive triggering system for the S $\bar{\epsilon}$ RIT experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 856, 92-98.	0.7	9
23	Charged-particle detection efficiencies of close-packed CsI arrays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 848, 45-53.	0.7	5
24	White paper on nuclear astrophysics and low energy nuclear physics Part 1: Nuclear astrophysics. Progress in Particle and Nuclear Physics, 2017, 94, 1-67.	5.6	32
25	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.	0.7	29
26	The symmetry energy at suprasaturation density and the ASY-EOS experiment at GSI. EPJ Web of Conferences, 2017, 137, 09002.	0.1	0
27	The ASY-EOS Experiment at GSI. EPJ Web of Conferences, 2016, 117, 07010.	0.1	0
28	Beam commissioning of the S $\bar{\epsilon}$ RIT time projection chamber. Journal of the Korean Physical Society, 2016, 69, 144-151.	0.3	9
29	SAMURAI in its operation phase for RIBF users. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 175-179.	0.6	14
30	Fusion studies with low-intensity radioactive ion beams using an active-target time projection chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 830, 82-87.	0.7	12
31	The ASY-EOS experiment at GSI: Constraining the symmetry energy at supra-saturation densities. EPJ Web of Conferences, 2015, 88, 00022.	0.1	1
32	S $\bar{\epsilon}$ RIT: A time-projection chamber for symmetry-energy studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 784, 513-517.	0.7	66
33	Active Target detectors for studies with exotic beams: Present and next future. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 784, 494-498.	0.7	22
34	Tracking rare-isotope beams with microchannel plates. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 795, 325-334.	0.7	11
35	Investigation of Long-Range Three-Body Coulomb Effects in the Decay of ^{29}Ne . Neutron spectroscopic factors of ^{55}Ni hole-states from ^{29}Ne .	2.9	42
36	reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 137-141.	1.5	12

#	ARTICLE	IF	CITATIONS
37	The ASY-EOS experiment at GSI: investigating symmetry energy at supra-saturation densities. EPJ Web of Conferences, 2014, 66, 03074.	0.1	1
38	A non-contact laser-based alignment system (LBAS) for nuclear-physics experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 707, 64-68.	0.7	3
39	Correlations in Intermediate Energy Two-Proton Removal Reactions. Physical Review Letters, 2012, 109, 202505.	2.9	5
40	Angular dependence in proton-proton correlation functions in central $^{40}\text{Ca} + ^{40}\text{Ca}$ collisions. Physical Review Letters, 2012, 109, 202502.	1.1	9
41	Democratic Decay of ^{20}Ne and ^{24}Mg Exposed by Correlations. Physical Review Letters, 2012, 109, 202502.	2.9	59
42	Prototype AT-TPC: Toward a new generation active target time projection chamber for radioactive beam experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 691, 39-54.	0.7	62
43	Neutron recognition in the LAND detector for large neutron multiplicity. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 47-54.	0.7	8
44	Time-of-flight mass measurements of exotic nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 696, 171-179.	0.7	24
45	ASY-EOS experiment at GSI. EPJ Web of Conferences, 2012, 31, 00012.	0.1	0
46	Fermi breakup and the statistical multifragmentation model. Nuclear Physics A, 2012, 876, 77-92.	0.6	5
47	The statistical decay of very hot nuclei: from sequential decay to multifragmentation. , 2011, , .		0
48	Test of a micromegas detector with helium-based gas mixtures for active target time projection chambers utilizing radioactive isotope beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 660, 64-68.	0.7	8
49	Constraints on the density dependence of the symmetry energy from heavy-ion collisions. Progress in Particle and Nuclear Physics, 2011, 66, 400-404.	5.6	54
50	Ground-State Proton Decay of ^{69}Br and Implications for the ^{68}Se Astrophysical Rapid Proton-Capture Process	2.9	32
51	Isospin effects in $^{40,48}\text{Ca} + ^{40,48}\text{Ca}$ collisions. Nuclear Physics A, 2010, 834, 552c-554c.	0.6	2
52	PROBING THE DENSITY DEPENDENCE OF SYMMETRY ENERGY AT SUBSATURATION DENSITY WITH HICs. International Journal of Modern Physics E, 2010, 19, 1639-1646.	0.4	1
53	CONSTRAINTS ON THE DENSITY DEPENDENCE OF THE SYMMETRY ENERGY. International Journal of Modern Physics E, 2010, 19, 1631-1638.	0.4	18
54	Neutron-Proton Asymmetry Dependence of Spectroscopic Factors in Ar Isotopes. Physical Review Letters, 2010, 104, 112701.	2.9	101

#	ARTICLE	IF	CITATIONS
55	COMPARISON OF STATISTICAL TREATMENTS FOR THE EQUATION OF STATE FOR CORE-COLLAPSE SUPERNOVAE. <i>Astrophysical Journal</i> , 2009, 707, 1495-1505.	1.6	25
56	Isotopic dependence of the caloric curve. <i>Progress in Particle and Nuclear Physics</i> , 2009, 62, 407-412.	5.6	2
57	Probing the symmetry energy with heavy ions. <i>Progress in Particle and Nuclear Physics</i> , 2009, 62, 427-432.	5.6	102
58	Constraints on the Density Dependence of the Symmetry Energy. <i>Physical Review Letters</i> , 2009, 102, 122701.	2.9	546
59	Mechanisms in Knockout Reactions. <i>Physical Review Letters</i> , 2009, 102, 232501.	2.9	41
60	Isotopic Dependence of the Nuclear Caloric Curve. <i>Physical Review Letters</i> , 2009, 102, 152701.	2.9	65
61	The influence of cluster emission and the symmetry energy on neutron-proton spectral double ratios. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 664, 145-148.	1.5	96
62	Discriminant analysis and secondary-beam charge recognition. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 587, 413-419.	0.7	8
63	N/Z DEPENDENCE OF PROJECTILE FRAGMENTATION. <i>International Journal of Modern Physics E</i> , 2008, 17, 1838-1849.	0.4	21
64	Tidal Effects and the Proximity Decay of Nuclei. <i>Physical Review Letters</i> , 2007, 99, 132701.	2.9	12
65	Extrapolation of neutron-rich isotope cross-sections from projectile fragmentation. <i>Europhysics Letters</i> , 2007, 79, 12001.	0.7	14
66	Experimental state of n-n correlation function for Borromean halo nuclei investigation. <i>Nuclear Physics A</i> , 2007, 790, 235c-240c.	0.6	1
67	correlation functions and collective motion in d	1.5	8
68	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.	0.7	121
69	Gross Properties and Isotopic Phenomena in Spectator Fragmentation. <i>Nuclear Physics A</i> , 2007, 787, 627-632.	0.6	7
70	Light-ion-induced multifragmentation: The ISiS project. <i>Physics Reports</i> , 2006, 434, 1-46.	10.3	36
71	Neutron-neutron correlation approach for ^{11}Li halo structure investigation. <i>Physics of Atomic Nuclei</i> , 2006, 69, 1261-1266.	0.1	0
72	Cooling dynamics in multi-fragmentation processes. <i>Europhysics Letters</i> , 2006, 74, 806-812.	0.7	10

#	ARTICLE	IF	CITATIONS
73	The thermodynamic model for nuclear multifragmentation. <i>Physics Reports</i> , 2005, 406, 1-47.	10.3	157
74	Mass and Isospin Effects in Multifragmentation. <i>Nuclear Physics A</i> , 2005, 749, 83-92.	0.6	15
75	Survey of Ground State Neutron Spectroscopic Factors from Li to Cr Isotopes. <i>Physical Review Letters</i> , 2005, 95, 222501.	2.9	88
76	Probing the isospin dependence of the in-medium nucleon-nucleon cross sections with radioactive beams. <i>Physical Review C</i> , 2005, 71, .	1.1	36
77	New Approach for Measuring Properties of rp-Process Nuclei. <i>Physical Review Letters</i> , 2004, 92, 172502.	2.9	33
78	Investigations and corrections of the light output uniformity of CsI(Tl) crystals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 526, 455-476.	0.7	10
79	Fragmentation of ^{58}Ni at 140 MeV/u. <i>Nuclear Physics A</i> , 2004, 734, 532-535.	0.6	2
80	Towards the equation of state of dense asymmetric nuclear matter. <i>Nuclear Physics A</i> , 2004, 734, 573-580.	0.6	1
81	Isospin fractionation and isoscaling in dynamical nuclear collisions. <i>Nuclear Physics A</i> , 2004, 738, 308-312.	0.6	1
82	Determination of the Equation of State of Dense Matter. <i>Science</i> , 2002, 298, 1592-1596.	6.0	1,186
83	New Approach to Imaging of Two-Proton Source Functions. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , 2002, 15, 407-416.	0.4	0
84	Isospin fractionation in nuclear fragmentation. <i>Nuclear Physics A</i> , 2001, 681, 299-308.	0.6	3
85	Scaling behavior of isotopes in nuclear reactions. <i>Nuclear Physics A</i> , 2001, 681, 323-330.	0.6	4
86	Energy resolution and energyâ€‘light response of CsI(Tl) scintillators for charged particle detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 456, 290-299.	0.7	46
87	LASSA: a large area silicon strip array for isotopic identification of charged particles. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 473, 302-318.	0.7	78
88	Isotopic Scaling in Nuclear Reactions. <i>Physical Review Letters</i> , 2001, 86, 5023-5026.	2.9	293
89	Isospin Fractionation in Nuclear Multifragmentation. <i>Physical Review Letters</i> , 2000, 85, 716-719.	2.9	289
90	Reply to â€‘Comment on â€‘Fragment distributions for highly charged systemsâ€™â€™. <i>Physical Review C</i> , 1999, 59, 552-553.	1.1	2

#	ARTICLE	IF	CITATIONS
91	Influence of secondary decay on isotope-ratio temperature measurements. Physical Review C, 1999, 59, 1567-1573.	1.1	32
92	Direct observation of the inversion of flow. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 197-202.	1.5	7
93	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.	1.5	36
94	Multifragmentation with GeV light-ion beams. Nuclear Physics A, 1999, 654, 786c-791c.	0.6	0
95	Isospin independence of the He double isotope ratio thermometer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 416, 56-61.	1.5	21
96	Nuclear temperature measurements with helium isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 8-14.	1.5	32
97	Nuclear temperature measurements with helium isotopes. Nuclear Physics A, 1998, 630, 160-167.	0.6	0
98	Multifragmentation: thermal vs. dynamic effects. Nuclear Physics A, 1998, 630, 168-175.	0.6	4
99	Thermal source parameters in Au+Au central collisions at 35 A MeV. Nuclear Physics A, 1998, 633, 547-562.	0.6	36
100	Temperature measurement of fragment emitting systems in Au+Au 35 MeV/nucleon collisions. Physical Review C, 1998, 58, 953-963.	1.1	28
101	Examining the cooling of hot nuclei. Physical Review C, 1998, 57, R462-R465.	1.1	18
102	Time scales from two-neutron intensity interferometry for the reaction $^{40}\text{Ar}+^{165}\text{Ho}$ at $E/A=25\text{MeV}$. Physical Review C, 1998, 58, 2161-2166.	1.1	8
103	Impact parameter dependence of light charged particle production in $^{25}\text{A}, ^{16}\text{O}$ on Tb , Ta , and Au and $^{35}\text{A}, ^{14}\text{N}$ on Sm and Ta . Physical Review C, 1998, 57, 1305-1318.	1.1	17
104	Sensitivity of two-fragment correlation functions to initial-state momentum correlations. Physical Review C, 1998, 58, 270-280.	1.1	15
105	Dynamical emission and isotope thermometry. Physical Review C, 1998, 58, R2636-R2639.	1.1	32
106	Sideways-peaked angular distributions in hadron-induced multifragmentation: Shock waves, geometry, or kinematics?. Physical Review C, 1998, 58, R13-R17.	1.1	8
107	Disappearance of rotational flow and reaction plane dispersions in $\text{Kr}+\text{Au}$ collisions. Physical Review C, 1998, 57, 1508-1511.	1.1	9
108	Formation of Hot Nuclei with GeV p and ^3He Beams. Physical Review Letters, 1997, 79, 817-820.	2.9	26

#	ARTICLE	IF	CITATIONS
109	Nuclear Thermometers from Isotope Yield Ratios. Physical Review Letters, 1997, 78, 3836-3839.	2.9	67
110	Temperature Measurements for Central Au+Au Collisions at 35 A MeV. Physical Review Letters, 1997, 78, 1648-1651.	2.9	45
111	Azimuthal $2\hat{1}\pm$ correlations and projectile-residue distributions selected by neutron and charged-particle multiplicity measurements. Physical Review C, 1997, 55, R990-R994.	1.1	3
112	Fragment distributions for highly charged systems. Physical Review C, 1997, 55, R2132-R2136.	1.1	66
113	Fragment multiplicity dependent charge distributions in heavy ion collisions. Physical Review C, 1997, 55, R557-R561.	1.1	5
114	Probing the nuclear EOS with GeV light-ion beams. Nuclear Physics A, 1997, 626, 287-294.	0.6	0
115	Universality of spectator fragmentation at relativistic bombarding energies. Nuclear Physics A, 1996, 607, 457-486.	0.6	218
116	Multifragment production in Au+Au at 35 MeV/u. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 368, 259-265.	1.5	33
117	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.	1.5	115
118	Soft dipole resonance in exotic nuclei?. Nuclear Physics A, 1996, 599, 353-365.	0.6	2
119	Fragment emission from modestly excited nuclear systems. Nuclear Physics A, 1996, 604, 219-244.	0.6	2
120	Charge Correlations and Dynamical Instabilities in the Multifragment Emission Process. Physical Review Letters, 1996, 77, 2634-2637.	2.9	25
121	Cross comparisons of nuclear temperatures determined from excited state populations and isotope yields. Physical Review C, 1996, 53, R1057-R1060.	1.1	40
122	Phase Coexistence in Multifragmentation?. Physical Review Letters, 1996, 76, 372-375.	2.9	14
123	Squeeze-out of nuclear matter in Au+Au collisions. Physical Review C, 1996, 53, 1959-1962.	1.1	23
124	Reducibility and a new entropic term in multifragment charge distributions. Physical Review C, 1996, 53, R5-R8.	1.1	6
125	Secondary decays and the helium lithium isotope thermometer. Physical Review C, 1996, 54, R2163-R2166.	1.1	20
126	Circumstantial Evidence for Critical Behavior in Peripheral Au+Au Collisions at 35 MeV/nucleon. Physical Review Letters, 1996, 76, 2646-2649.	2.9	47

#	ARTICLE	IF	CITATIONS
127	Multifragment Production in Reactions of $S^{112}n+S^{112}n$ and $S^{124}n+S^{124}n$ at $E/A=40$ MeV. Physical Review Letters, 1996, 77, 2897-2900.	2.9	60
128	Evaporation residue, fission cross sections, and linear momentum transfer for N^{14} induced reactions from ^{35}A to ^{155}A MeV. Physical Review C, 1996, 53, 243-248.	1.1	12
129	Isospin dependence of intermediate mass fragment production in heavy-ion collisions at $E/A=55$ MeV. Physical Review C, 1996, 54, 1710-1719.	1.1	113
130	Reducibility and Thermal and Mass Scaling in Angular Correlations from Multifragmentation Reactions. Physical Review Letters, 1996, 77, 822-825.	2.9	17
131	Investigating the Evolution of Multifragmenting Systems with Fragment Emission Order. Physical Review Letters, 1996, 77, 4508-4511.	2.9	15
132	Is there a bound dineutron in ^{11}Li . Physical Review C, 1996, 54, 1589-1591.	1.1	30
133	Changing source characteristics during multifragment decay. Physical Review C, 1996, 53, 2273-2286.	1.1	11
134	Fragmentation in exclusive measurements. Nuclear Physics A, 1995, 583, 471-479.	0.6	15
135	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.	1.5	29
136	Multifragment emission times in Xe induced reactions. Nuclear Physics A, 1995, 583, 531-536.	0.6	2
137	Multifragmentation and flow: peripheral vs. central collisions. Nuclear Physics A, 1995, 583, 553-560.	0.6	8
138	Two-proton correlations for $O^{16}+Au^{197}$ collisions at $E/A=200$ MeV. Physical Review C, 1995, 52, 2782-2784.	1.1	4
139	Fragment Flow and the Multifragmentation Phase Space. Physical Review Letters, 1995, 74, 38-41.	2.9	63
140	Prompt and sequential decay processes in the fragmentation of 40 MeV/nucleon Ne^{20} projectiles. Physical Review C, 1995, 52, 3126-3150.	1.1	32
141	Multifragmentation in $E/A=35$ MeV Collisions: Evidence for a Coulomb Driven Breakup?. Physical Review Letters, 1995, 75, 4373-4376.	2.9	32
142	Are Multifragment Emission Probabilities Reducible to an Elementary Binary Emission Probability. Physical Review Letters, 1995, 74, 1530-1533.	2.9	56
143	Impact parameter selected excited state populations for $Ar^{36}+^{197}Au$ reactions at $E/A=35$ MeV. Physical Review C, 1995, 52, 784-797.	1.1	32
144	Space-time characteristics of fragment emission in the $E/A=30$ MeV $Xe^{129}+natCu$ reaction. Physical Review C, 1995, 52, 818-830.	1.1	25

#	ARTICLE	IF	CITATIONS
145	Reducibility and Thermal Scaling of Charge Distributions in Multifragmentation. Physical Review Letters, 1995, 75, 213-216.	2.9	28
146	Assessing the Evolutionary Nature of Multifragment Decay. Physical Review Letters, 1995, 75, 1475-1478.	2.9	28
147	Space-time ambiguity of two- and three-fragment reduced velocity correlation functions. Physical Review C, 1995, 51, 3489-3491.	1.1	3
148	Understanding Proton Emission in Central Heavy-Ion Collisions. Physical Review Letters, 1995, 75, 2916-2919.	2.9	24
149	Internal excitation of intermediate mass fragments from collisions of Ar36+Ag nuclei at 35 MeV/nucleon. Physical Review C, 1995, 52, 219-227.	1.1	2
150	Time scale for multifragmentation in intermediate energy heavy-ion reactions. Physical Review C, 1994, 50, 2424-2437.	1.1	21
151	Anomalous populations of particle-unbound states in B10. Physical Review C, 1994, 49, 3316-3319.	1.1	0
152	Proton evaporation time scales from longitudinal and transverse two-proton correlation functions. Physical Review C, 1994, 49, 2788-2791.	1.1	18
153	Fragmentation of Necklike Structures. Physical Review Letters, 1994, 73, 3070-3073.	2.9	131
154	Two-proton correlation functions for Ar36+45Sc at E/A=80 MeV. Physical Review C, 1994, 50, 858-870.	1.1	16
155	Collective Expansion in Central Au + Au Collisions. Physical Review Letters, 1994, 73, 3367-3370.	2.9	74
156	Fragment isotope spectra from the Ar36+ Ag reaction at 35 MeV/nucleon. Physical Review C, 1994, 49, 1012-1015.	1.1	2
157	Energy dependence of multifragmentation in Kr84+197Au collisions. Physical Review C, 1994, 49, R2271-R2275.	1.1	83
158	Residue temperatures in intermediate energy nucleus-nucleus collisions. Physical Review C, 1994, 50, 1659-1674.	1.1	8
159	Two-fragment correlation functions with directional cuts for central Ar36+197Au collisions at E/A=50 MeV. Physical Review C, 1994, 50, 952-960.	1.1	41
160	Time scale for proton emission from highly excited projectiles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 323, 113-117.	1.5	9
161	Excited state populations for equilibrium and preequilibrium emission. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 43-47.	1.5	4
162	Residue temperatures and the nuclear equation of state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 299, 199-204.	1.5	10

#	ARTICLE	IF	CITATIONS
163	Expansion effects in intermediate energy heavy-ion reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 300, 29-33.	1.5	31
164	Multifragment emission in $^{36}\text{Ar}+^{197}\text{Au}$ and $^{129}\text{Xe}+^{197}\text{Au}$ collisions. Nuclear Physics A, 1993, 553, 749-752.	0.6	3
165	Azimuthal correlations as a test for centrality in heavy-ion collisions. Nuclear Physics A, 1993, 564, 453-472.	0.6	30
166	Electromagnetic excitation of ^{11}Li . Physical Review C, 1993, 48, 118-135.	1.1	184
167	Observation of lifetime effects in two-proton correlations for well-characterized sources. Physical Review Letters, 1993, 71, 2863-2866.	2.9	41
168	Multiplicity dependence of azimuthal distributions for $^{36}\text{Ar}+^{197}\text{Au}$ collisions at $E/A=35$ MeV. Physical Review C, 1993, 47, 2717-2730.	1.1	12
169	Extraction of the multifragmentation time scale in intermediate energy heavy-ion reactions. Physical Review C, 1993, 47, R421-R424.	1.1	46
170	Sources and emission time scales in $E/A=50$ MeV $^{129}\text{Xe}+^{nat}\text{Cu}$ reactions. Physical Review Letters, 1993, 70, 3534-3537.	2.9	83
171	Emission temperatures from widely separated states in ^{14}N and induced ^{129}Xe reactions. Physical Review C, 1993, 48, 676-687.	1.1	26
172	Formation and decay of toroidal and bubble nuclei and the nuclear equation of state. Physical Review C, 1993, 48, 933-936.	1.1	33
173	Impact-parameter-selected two-proton intensity interferometry for $^{36}\text{Ar}+^{45}\text{Sc}$ at $E/A=80$ MeV. Physical Review Letters, 1993, 70, 3709-3712.	2.9	21
174	Onset of nuclear vaporization in $^{197}\text{Au}+^{197}\text{Au}$ collisions. Physical Review Letters, 1993, 71, 1502-1505.	2.9	162
175	Two-deuteron correlation functions in $^{14}\text{N}+^{27}\text{Al}$ collisions at $E/A=75$ MeV. Physical Review C, 1993, 47, R429-R432.	1.1	14
176	Neutron Production in Heavy-Ion Reactions at 35 and 50 MeV/Nucleon. Nuclear Science and Engineering, 1993, 113, 184-188.	0.5	12
177	Emission temperatures from the decay of particle unstable complex nuclei. Physical Review C, 1992, 45, 132-161.	1.1	56
178	Intermediate mass fragment emission as a probe of nuclear dynamics. Physical Review C, 1992, 46, 1834-1848.	1.1	65
179	Intermediate mass fragment emission in $^{36}\text{Ar}+^{197}\text{Au}$ collisions at $E/A=35$ MeV. Physical Review C, 1992, 45, 338-352.	1.1	84
180	Excitation functions for complex fragment emission in the $E/A=20$ to 100 MeV $^{14}\text{N}+^{nat}\text{Ag,Au}^{197}$ reactions. Physical Review C, 1992, 45, 2300-2319.	1.1	33

#	ARTICLE	IF	CITATIONS
181	Mechanisms of intermediate mass-fragment formation from threshold to $E/A = 100$ MeV. Nuclear Physics A, 1992, 538, 291-297.	0.6	3
182	Multi-fragmentation in intermediate energy nucleus-nucleus collisions. Nuclear Physics A, 1992, 545, 199-212.	0.6	4
183	Fluctuations in multifragment decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 291, 7-10.	1.5	17
184	Reaction dynamics and deuteron production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 243-247.	1.5	10
185	Thermalization in nucleus-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 282, 299-304.	1.5	20
186	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.	1.5	27
187	Impact-parameter filters for $^{36}\text{Ar}+^{197}\text{Au}$ collisions at. Nuclear Physics A, 1992, 548, 489-509.	0.6	91
188	Light particle correlations for the $^3\text{He}+^{208}\text{Ag}$ reaction at 200 MeV. Physical Review C, 1991, 44, R582-R585.	1.1	15
189	Entrance channel effects and the formation of hot nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 261, 240-244.	1.5	16
190	Complex fragment emission in the ^{197}Au reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 264, 26-30.	1.5	14
191	Multifragment emission in the reaction at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 268, 6-11.	1.5	120
192	Particle multiplicity dependence of high-energy photon production in a heavy-ion reaction. Physical Review C, 1991, 44, R2257-R2261.	1.1	6
193	Multifragment disintegration of the $^{129}\text{Xe}+^{197}\text{Au}$ system at $E/A=50$ MeV. Physical Review Letters, 1991, 67, 1527-1530.	2.9	177
194	Neutron inclusive measurements of $^{36}\text{Ar}+^{208}\text{Ag}$ reactions at 35 MeV/nucleon. Physical Review C, 1991, 44, 384-389.	1.1	12
195	Space-time evolution of the reactions $^{14}\text{N}+^{27}\text{Al}$, ^{197}Au at $E/A=75$ MeV and $^{129}\text{Xe}+^{27}\text{Al}$, ^{122}Sn at $E/A=31$ MeV probed by two-proton intensity interferometry. Physical Review C, 1991, 43, 1804-1820.	1.1	53
196	Reaction plane determination for $^{36}\text{Ar}+^{197}\text{Au}$ collisions at $E/A=35$ MeV. Physical Review C, 1991, 44, 2065-2081.	1.1	28
197	Production of neutron-unbound states in intermediate-mass fragments from $^{14}\text{N}+^{208}\text{Ag}$ reactions at $E/A=35$ MeV. Physical Review C, 1991, 43, 2318-2335.	1.1	6
198	Event-mixing analysis of two-proton correlation functions. Physical Review C, 1991, 44, 2865-2868.	1.1	33

#	ARTICLE	IF	CITATIONS
199	Time scale for emission of intermediate-mass fragments in $^{36}\text{Ar}+^{197}\text{Au}$ collisions at $E/A=35$ MeV. <i>Physical Review Letters</i> , 1991, 67, 14-17.	2.9	72
200	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.	1.5	23
201	The MSU Miniball 4π fragment detection array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990, 295, 109-122.	0.7	159
202	Preequilibrium particles and mean-field effects from particle-particle correlations in heavy-ion collisions. <i>Nuclear Physics A</i> , 1990, 514, 564-588.	0.6	16
203	Nayak and Lynch reply. <i>Physical Review Letters</i> , 1990, 65, 2081-2081.	2.9	1
204	Disappearance of fusionlike residues and the nuclear equation of state. <i>Physical Review Letters</i> , 1990, 65, 843-846.	2.9	35
205	Intensity-interferometric test of nuclear collision geometries obtained from the Boltzmann-Uehling-Uhlenbeck equation. <i>Physical Review Letters</i> , 1990, 65, 2114-2117.	2.9	38
206	Dependence of ^{12}B excitation energy on its kinetic energy in the $^{14}\text{N}+^{107}\text{Ag}$ reaction at $E/A=35$ MeV. <i>Physical Review C</i> , 1989, 39, 733-736.	1.1	12
207	Complex fragments emitted in particle-stable states for the ^{32}Ag reaction at $E/A=22.3$ MeV. <i>Physical Review C</i> , 1989, 40, 186-210.	1.1	30
208	Neutron inclusive measurements in ^{14}Ag reactions at 35 MeV/nucleon. <i>Physical Review C</i> , 1989, 39, 1827-1834.	1.1	13
209	Fragmentation products with nonstatistical excited-state populations. <i>Physical Review Letters</i> , 1989, 62, 1021-1024.	2.9	31
210	Impact parameter and energy dependence of observables in intermediate energy heavy-ion reactions. <i>Physical Review C</i> , 1989, 40, 1685-1699.	1.1	48
211	Multifragment emission observed for the reaction $^{36}\text{Ar}+^{238}\text{U}$ at $E/A=35$ MeV. <i>Physical Review Letters</i> , 1989, 63, 494-497.	2.9	53
212	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.	1.5	22
213	Non-equilibrium versus equilibrium emission of complex fragments emitted in ^{14}N induced reactions on Ag and Au at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 220, 356-360.	1.5	39
214	A position sensitive high resolution hodoscope for particle unstable intermediate mass fragments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1989, 275, 112-122.	0.7	12
215	Resolution tests of CsI(Tl) scintillators read out by pin diodes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1988, 268, 190-199.	0.7	38
216	Interferometry of charged particles in intermediate energy collisions. <i>Nuclear Physics A</i> , 1988, 488, 359-372.	0.6	1

#	ARTICLE	IF	CITATIONS
217	Extended emission sources observed via two-proton correlations. Physical Review Letters, 1988, 61, 2665-2668.	2.9	36
218	Polarization, dynamics, and nonequilibrium complex-fragment emission. Physical Review Letters, 1988, 60, 1479-1482.	2.9	33
219	Two-particle correlations at small relative momenta for induced ^{40}Ar reactions on ^{197}Au at $E/A=60$ MeV. Physical Review C, 1987, 35, 1695-1719.	1.1	161
220	Fragment production in intermediate energy heavy ion reactions. Physical Review C, 1987, 35, 1751-1788.	1.1	69
221	Inclusive two-particle correlations for induced ^{16}O reactions on ^{197}Au at $E/A=94$ MeV. Physical Review C, 1987, 36, 2297-2308.	1.1	74
222	Intermediate-mass fragments from nonbinary processes in the reaction of ^{14}N on Ag at $E/A=35$ MeV. Physical Review C, 1987, 36, 830-833.	1.1	4
223	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.	2.9	33
224	Light particle emission in fusion-like $^{14}\text{N} + ^{197}\text{Au}$ collisions at $E/A = 35$ MeV. Nuclear Physics A, 1987, 473, 564-594.	0.6	41
225	Fragmentation and the emission of particle stable and unstable complex nuclei. Nuclear Physics A, 1987, 471, 309-325.	0.6	6
226	Dependence of two-particle correlation functions on linear momentum transfer to a composite system. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 186, 280-284.	1.5	24
227	Transverse momentum distributions in intermediate-energy heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 189, 384-387.	1.5	127
228	Nuclear fragmentation and sequential decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 187, 257-260.	1.5	25
229	Population of particle unbound states for the reaction $^{16}\text{O}+^{197}\text{Au}$ at $E/A=94$ MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 199, 171-175.	1.5	21
230	Coincidence measurements of intermediate mass fragments produced in induced ^{32}S reactions on Ag at $E/A=22.5$ MeV. Physical Review C, 1986, 34, 536-551.	1.1	41
231	Total reaction cross section for ^{12}C on ^{12}C , ^{40}Ca , ^{90}Zr , and ^{208}Pb between 10 and 35 MeV/nucleon. Physical Review C, 1986, 34, 2165-2170.	1.1	56
232	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.	1.5	58
233	External Coulomb distortion of proton-deuteron final-state interactions for induced reactions on Au at $E/A = 35$ MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 175, 275-278.	1.5	15
234	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.	1.5	42

#	ARTICLE	IF	CITATIONS
235	Nuclear temperature measurements and feeding from particle unbound states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 182, 155-158.	1.5	32
236	Light particle emission induced 16 reactions on ^{12}C , ^{27}Al , and ^{197}Au at $E/A=25\text{MeV}$. Physical Review C, 1986, 34, 858-871.	1.1	66
237	Deflection of Nonequilibrium Light Particles by the Nuclear Mean Field. Physical Review Letters, 1986, 57, 559-562.	2.9	73
238	A simple production method for making $3\frac{1}{4}\text{g/cm}^2$ craked slacked carbon accelerator stripper foils. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1985, 236, 572-575.	0.7	5
239	Three-particle effects observed in two-particle correlation measurements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 161, 256-260.	1.5	21
240	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.	1.5	54
241	Final-State Interactions between Noncompound Light Particles for ^{16}O -Induced Reactions on ^{197}Au at $E/A=25\text{MeV}$. Physical Review Letters, 1985, 54, 302-305.	2.9	41
242	Nuclear temperatures and the population of particle-unstable states of ^6Li in induced 40 reactions on ^{197}Au at $E/A=60\text{MeV}$. Physical Review Letters, 1985, 55, 177-180.	2.9	98
243	Evolution of Nucleus-Nucleus Collision Mechanisms from the Barrier to Beyond the Fermi Energy. Physical Review Letters, 1985, 55, 1376-1379.	2.9	61
244	Statistical Emission of ^2He from Highly Excited Nuclear Systems. Physical Review Letters, 1985, 54, 402-405.	2.9	31
245	Angular distributions in heavy-ion-induced fission. Physical Review C, 1985, 32, 195-213.	1.1	242
246	Complex particle emission from decaying regions of high excitation formed in ^{12}C induced reactions on ^{197}Au at $E/A=30\text{MeV}$. Physical Review C, 1984, 30, 1912-1923.	1.1	69
247	Light particle spectra from 35 MeV/nucleon ^{12}C -induced reactions on ^{197}Au . Physical Review C, 1984, 29, 861-863.	1.1	23
248	Emission of particle unstable resonances from compound nuclei. Physical Review C, 1984, 29, 132-138.	1.1	24
249	Enhanced Emission of Nonequilibrium Light Particles in the Reaction Plane. Physical Review Letters, 1984, 52, 1967-1970.	2.9	62
250	Lynch et al. Respond. Physical Review Letters, 1984, 52, 2302-2302.	2.9	5
251	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.	1.5	52
252	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.	1.5	51

#	ARTICLE	IF	CITATIONS
253	Emission of complex nuclei in ^{12}C induced reactions at and 30 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 131, 289-292.	1.5	78
254	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.	1.5	49
255	Formation and Decay of a Localized Region of High Excitation in Heavy-Ion-Induced Reactions. Physical Review Letters, 1983, 51, 1850-1853.	2.9	89
256	Measurement of Complex Fragments and Clues to the Entropy Production from 42-137-MeV/nucleon Ar + Au. Physical Review Letters, 1983, 51, 1846-1849.	2.9	134
257	Fission following capture reactions of $^{32}\text{S}+^{208}\text{Pb}$. Physical Review C, 1983, 28, 747-760.	1.1	32
258	Yields of medium mass nuclear fragments: Statistical emission. Physical Review C, 1983, 28, 950-951.	1.1	77
259	Statistical formalism for particle emission. Physical Review C, 1983, 28, 16-23.	1.1	189
260	Measurement of the Electric Polarizability of the Deuteron. Physical Review Letters, 1982, 49, 909-912.	2.9	49
261	Relativity, Nuclear Polarizability, and Screening in Sub-Coulomb Elastic Scattering. Physical Review Letters, 1982, 48, 979-982.	2.9	27
262	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.	1.5	89
263	In-plane correlations between protons and deuterons for ^{16}O -induced reactions on ^{27}Al and ^{197}Au at 310 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 108, 274-278.	1.5	33
264	$^{12}\text{C}^{\pm}$ angular correlations in the $^{27}\text{Al}(^{16}\text{O},^{12}\text{C}^{\pm})^{27}\text{Al}$ reaction at 65 MeV. Physical Review C, 1981, 23, 1560-1570.	1.1	24