Stefan Typel

List of Publications by Year in descending order

173 papers	7,429 citations	57631 44 h-index	53109 85 g-index
174 all docs	174 docs citations	174 times ranked	3393 citing authors

#	Article	IF	Citations
1	Equations of state for supernovae and compact stars. Reviews of Modern Physics, 2017, 89, .	16.4	732
2	Composition and thermodynamics of nuclear matter with light clusters. Physical Review C, 2010, 81, .	1.1	624
3	Solar fusion cross sections. II. The<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math>chain and CNO cycles. Reviews of Modern Physics, 2011, 83, 195-245.	16.4	574
4	Relativistic mean field calculations with density-dependent meson-nucleon coupling. Nuclear Physics A, 1999, 656, 331-364.	0.6	524
5	Relativistic mean-field hadronic models under nuclear matter constraints. Physical Review C, 2014, 90, .	1.1	331
6	Constraints on the high-density nuclear equation of state from the phenomenology of compact stars and heavy-ion collisions. Physical Review C, 2006, 74, .	1.1	329
7	Neutron radii and the neutron equation of state in relativistic models. Physical Review C, 2001, 64, .	1.1	242
8	On the Lorentz structure of the symmetry energy. Nuclear Physics A, 2004, 732, 24-48.	0.6	186
9	A new quark-hadron hybrid equation of state for astrophysics. Astronomy and Astrophysics, 2015, 577, A40.	2.1	183
10	Relativistic model for nuclear matter and atomic nuclei with momentum-dependent self-energies. Physical Review C, 2005, 71, .	1.1	141
11	Symmetry Energy of Dilute Warm Nuclear Matter. Physical Review Letters, 2010, 104, 202501.	2.9	141
12	The Bare AstrophysicalS(E) Factor of the7Li(p, Î±)Î± Reaction. Astrophysical Journal, 2001, 562, 1076-1080.	1.6	103
13	Quark deconfinement as a supernova explosion engine for massive blue supergiant stars. Nature Astronomy, 2018, 2, 980-986.	4.2	102
14	â€œTrojan horseâ€•method applied to2H(6Li,Î±)4Heat astrophysical energies. Physical Review C, 2001, 63, .	1.1	99
15	Mass Measurements of the Neutron-Deficient<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Ti</mml:mi><mml:mprescripts /><mml:none /><mml:mn>41</mml:mn></mml:mmultiscripts></mml:math>,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Cr</mml:mi><mml:mprescripts /><mml:none /><mml:mn	2.9	94
16	Coulomb Dissociation ofB8and the Low-Energy Cross Section of theBe7(p,Î³)B8Solar Fusion Reaction. Physical Review Letters, 2003, 90, 232501.	2.9	85
17	New class of hybrid EoS and Bayesian M - R data analysis. European Physical Journal A, 2016, 52, 1.	1.0	84
18	Laboratory Tests of Low Density Astrophysical Nuclear Equations of State. Physical Review Letters, 2012, 108, 172701.	2.9	79

#	Article	IF	Citations
19	NEW DETERMINATION OF THE²H(d,p)³H AND²H(d,n)³He REACTION RATES AT ASTROPHYSICAL ENERGIES. Astrophysical Journal, 2014, 785, 96.	1.6	73
20	Validity test of the â€œTrojan horseâ€•method applied to the6Li(p,Î±)3Hereaction. Physical Review C, 2003, 67, .	1.1	71
21	CompOSE CompStar online supernova equations of state harmonising the concert of nuclear physics and astrophysics compose.obspm.fr. Physics of Particles and Nuclei, 2015, 46, 633-664.	0.2	70
22	Bare-nucleus astrophysical factor of theHe3(d,p)He4reaction via the â€œTrojan horseâ€•method. Physical Review C, 2005, 72, .	1.1	68
23	Electromagnetic strength of neutron and proton single-particle halo nuclei. Nuclear Physics A, 2005, 759, 247-308.	0.6	67
24	Neutron skin thickness of heavy nuclei with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi><mml:mi>-particle</mml:mi></mml:math>correlations and the slope of the nuclear symmetry energy. Physical Review C, 2014, 89, .	1.1	66
25	Coulomb dissociation ofB8intoBe7+p: Effects of multiphoton exchange. Physical Review C, 1994, 50, 2104-2115.	1.1	65
26	Theory of the Trojanâ€“Horse method. Annals of Physics, 2003, 305, 228-265.	1.0	65
27	High-energy breakup of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>as a tool to study the Big Bang nucleosynthesis reaction<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">H</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>	1.1	65
28	Higher-order effects in the Coulomb dissociation of 8B into 7Be + p. Nuclear Physics A, 1997, 613, 147-164.	0.6	62
29	Variations on the excluded-volume mechanism. European Physical Journal A, 2016, 52, 1.	1.0	57
30	Formation of Î± clusters in dilute neutron-rich matter. Science, 2021, 371, 260-264.	6.0	57
31	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 535.	0.0	52
32	Higher order effects in electromagnetic dissociation of neutron halo nuclei. Physical Review C, 2001, 64, .	1.1	51
33	Spectroscopic factors measured in inclusive proton-knockout reactions on8Band9Cat intermediate energies. Physical Review C, 2003, 67, .	1.1	51
34	Constraining the onset density of the hadron-quark phase transition with gravitational-wave observations. Physical Review D, 2020, 102, .	1.6	51
35	Low-energy cross section of theBe7(p,Î³)B8solar fusion reaction from the Coulomb dissociation ofB8. Physical Review C, 2006, 73, .	1.1	50
36	Coulomb breakup of 23O. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 605, 79-86.	1.5	49

#	Article	IF	Citations
37	Electromagnetic dissociation ofB8and the astrophysicalSfactor forBe7(p,Î³)8B. Physical Review C, 2003, 68, .	1.1	48
38	Isospin Dependence in the Odd-Even Staggering of Nuclear Binding Energies. Physical Review Letters, 2005, 95, 042501.	2.9	48
39	Experimental Determination of In-Medium Cluster Binding Energies and Mott Points in Nuclear Matter. Physical Review Letters, 2012, 108, 062702.	2.9	48
40	Nuclear matter symmetry energy at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>0.03</mml:mn><mml:mo>â©½</mml:mo><mml:mi>Ï</mml:mi><mml:mo></mml:mo><mml:mn>0.1</mml:mn></mml:mrow></mml:math> fm^{−3}. Physical Review C, 2012, 85, .	1.1	47
41	Improved information on the2H(6Li,Î±)4Hereaction extracted via the â€œTrojan horseâ€•method. Physical Review C, 2001, 64, .	1.1	46
42	Low-energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="normal">d</mml:mi><mml:mo>+</mml:mo><mml:mi mathvariant="normal">d</mml:mi></mml:math> fusion reactions via the Trojan Horse Method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 111-115.	1.5	46
43	Extraction of Astrophysical Cross Sectionsin the Trojan-Horse Method. Few-Body Systems, 2000, 29, 75-93.	0.7	45
44	Dynamical description of the breakup of one-neutron halo nuclei11Beand19C. Physical Review C, 2001, 64, .	1.1	45
45	Effective-Range Approach and Scaling Laws for Electromagnetic Strength in Neutron-Halo Nuclei. Physical Review Letters, 2004, 93, 142502.	2.9	43
46	Influence of theÎ±â^'dmotion inLi6on Trojan horse applications. Physical Review C, 2005, 71, .	1.1	43
47	Cluster-virial expansion for nuclear matter within a quasiparticle statistical approach. Nuclear Physics A, 2013, 897, 70-92.	0.6	43
48	Constraining supernova equations of state with equilibrium constants from heavy-ion collisions. Physical Review C, 2015, 91, .	1.1	43
49	Cross Section for the Astrophysical14C(n, Î³)15C Reaction via the Inverse Reaction. Astrophysical Journal, 2002, 570, 926-933.	1.6	40
50	Constraining mean-field models of the nuclear matter equation of state at low densities. Nuclear Physics A, 2012, 887, 42-76.	0.6	40
51	Light clusters in nuclear matter: Excluded volume versus quantum many-body approaches. Physical Review C, 2011, 84, .	1.1	38
52	Erratum to â€œLow-energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="normal">d</mml:mi><mml:mo>+</mml:mo><mml:mi mathvariant="normal">d</mml:mi></mml:math> fusion reactions via the Trojan Horse Methodâ€•[Phys. Lett. B 700 (2) (2011) 111]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 546.	1.5	37
53	Effects of the liquid-gas phase transition and cluster formation on the symmetry energy. European Physical Journal A, 2014, 50, 1.	1.0	37
54	Peeling Off Neutron Skins from Neutron-Rich Nuclei: Constraints on the Symmetry Energy from Neutron-Removal Cross Sections. Physical Review Letters, 2017, 119, 262501.	2.9	35

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55	Coulomb breakup of7Lifor nuclear astrophysics. Physical Review C, 2001, 63, .	1.1	32
56	Equation of state of hot dense hyperonic matter in the Quarkâ€“Meson-Coupling (QMC-A) model. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3476-3490.	1.6	32
57	Higher order effects in electromagnetic dissociation of fast particles, a soluble model and application to 11Li. Nuclear Physics A, 1994, 573, 486-500.	0.6	30
58	The State of Matter in Simulations of Core-Collapse supernovaeâ€”Reflections and Recent Developments. Publications of the Astronomical Society of Australia, 2017, 34, .	1.3	30
59	Relativistic Mean-Field Models with Different Parametrizations of Density Dependent Couplings. Particles, 2018, 1, 2.	0.5	29
60	Interaction cross sections for light neutron-rich nuclei. Physical Review C, 2001, 65, .	1.1	28
61	Pseudospin, supersymmetry and the shell structure of atomic nuclei. Nuclear Physics A, 2008, 806, 156-178.	0.6	28
62	Neutron star mass limit at 2MâŠ™ supports the existence of a CEP. European Physical Journal A, 2016, 52, 1.	1.0	27
63	The Trojan Horse Method: A Nuclear Physics Tool for Astrophysics. Annual Review of Nuclear and Particle Science, 2021, 71, 345-376.	3.5	27
64	Skyrme Hartree-Fock calculations for the Î±-decayQvalues of superheavy nuclei. Physical Review C, 2003, 67, .	1.1	25
65	Dipole response of neutron-rich Sn isotopes. Nuclear Physics A, 2007, 788, 145-152.	0.6	25
66	The low-energyD(Î±, Î³)6Li and6Li+208Pbâ†'D+Î±+208Pb cross sections. Zeitschrift FÃ¼r Physik A, 1991, 339, 335-339.	0.9	23
67	The Î±-. European Physical Journal A, 2000, 7, 181.	1.0	22
68	Dynamical Description of Coulomb Dissociation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1999, 54, 63-76.	0.7	21
69	Expected impact from weak reactions with light nuclei in corecollapse supernova simulations. EPJ Web of Conferences, 2016, 109, 06002.	0.1	21
70	Indirect measurement of the $$^3hbox {He}$$(n,p)$$^3hbox {H}$$ reaction cross section at Big Bang energies. European Physical Journal A, 2020, 56, 1.	1.0	21
71	Indirect measurement of the ¹⁸O(p, Î±)¹⁵N reaction rate through the THM. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014014.	1.4	20
72	Sexaquark dilemma in neutron stars and its solution by quark deconfinement. Physical Review D, 2022, 105, .	1.6	20

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73	Multiple electromagnetic excitation in fast peripheral heavy ions collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 186-190.	1.5	19
74	Nuclear excitation by laser-assisted electronic transitions. Physical Review A, 1996, 53, 2547-2561.	1.0	19
75	Microscopic study of the low-energy3He(3He, 2p)4He and3H(3H, 2n)4He fusion cross sections. Zeitschrift FÃ¼r Physik A, 1991, 339, 249-253.	0.9	18
76	Relativistic mean field model with generalized derivative nucleon-meson couplings. Physical Review C, 2003, 67, .	1.1	18
77	Indirect Study of the Astrophysically Relevant6Li(p, Î±)3He Reaction by Means of the Trojan Horse Method. Progress of Theoretical Physics Supplement, 2004, 154, 341-348.	0.2	16
78	Parametrisations of relativistic energy density functionals with tensor couplings. European Physical Journal A, 2020, 56, 1.	1.0	16
79	Electromagnetic dissociation as a tool for nuclear structure and astrophysics. Progress in Particle and Nuclear Physics, 2001, 46, 99-108.	5.6	15
80	Equations of state for astrophysical simulations from generalized relativistic density functionals. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 114001.	1.4	15
81	Valence-shell dependence of the pygmy dipole resonance: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>E</mml:mi><mml:mn>1</mml:mn></mml:mrow></mml:m strength difference in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Cr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>50</mml:mn><mml:mo>,</mml:mo><mml:mn>54</mml:mn></mml:mrow></mml:mmultiscripts></mml:mat	1.1	13
82	Higher order effects in electromagnetic excitation with fast projectiles. Physical Review C, 1994, 49, 379-385.	1.1	12
83	Core collapse supernovae in the QCD phase diagram. Physics of Atomic Nuclei, 2012, 75, 613-620.	0.1	12
84	Assessing the foundation of the Trojan Horse Method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 217-221.	1.5	12
85	Coulomb and nuclear excitations of narrow resonances in 17Ne. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 200-205.	1.5	11
86	Bulk Properties of Strongly Interacting Matter. Lecture Notes in Physics, 2011, , 39-334.	0.3	11
87	Bare astrophysical S(E)-factor for the 6Li(d, Î±)4He and 7Li(p, Î±)4He reactions at astrophysical energies. Nuclear Physics A, 2003, 718, 496-498.	0.6	10
88	Measurement of the fluence response of the GSI neutron ball in high-energy neutron fields produced by 500 AMeV and 800 AMeV deuterons. Radiation Protection Dosimetry, 2007, 126, 497-500.	0.4	10
89	Direct experimental evidence for a multiparticle-hole ground state configuration of deformedMg33. Physical Review C, 2016, 94, .	1.1	10
90	Determination of the neutron-capture rate of C17 for r -process nucleosynthesis. Physical Review C, 2017, 95, .	1.1	10

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91	Medium modifications for light and heavy nuclear clusters in simulations of core collapse supernovae: Impact on equation of state and weak interactions. Physical Review C, 2020, 102, .	1.1	10
92	Theory of the Trojan-Horse Method. Progress of Theoretical Physics Supplement, 2004, 154, 333-340.	0.2	9
93	A Phenomenological Equation of State of Strongly Interacting Matter with First-Order Phase Transitions and Critical Points. Universe, 2018, 4, 32.	0.9	9
94	Elastic protonâ€“nucleus scattering and the optical potential in a relativistic mean field model. Nuclear Physics A, 2002, 709, 299-318.	0.6	8
95	Indirect study of the 6Li(p, Î±)3He reaction at astrophysical energies. Nuclear Physics A, 2003, 718, 499-501.	0.6	8
96	Study of the 3He(d, p)4He reaction through the Trojan Horse Method. Nuclear Physics A, 2005, 758, 98-101.	0.6	8
97	Excitation of continuum states in 7Li and their decay by quantum tunneling. Nuclear Physics A, 1999, 654, 928c-931c.	0.6	7
98	Direct reactions with exotic nuclei, nuclear structure and astrophysics. Progress in Particle and Nuclear Physics, 2007, 59, 122-130.	5.6	7
99	Neutron star equations of state with optical potential constraint. Nuclear Physics A, 2015, 938, 92-108.	0.6	7
100	COMPARISON OF EQUATION OF STATE MODELS WITH DIFFERENT CLUSTER DISSOLUTION MECHANISMS. , 2017, , 95-132.		7
101	Coulomb dissociation, a tool for nuclear astrophysics. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014028.	1.4	6
102	Coulomb dissociation ofP27at 500 MeV/u. Physical Review C, 2016, 93, .	1.1	6
103	Mixed phase within the multiâ€polytrope approach to highâ€mass twins. Astronomische Nachrichten, 2017, 338, 1048-1051.	0.6	6
104	Lagrange-Mesh Method for Deformed Nuclei With Relativistic Energy Density Functionals. Frontiers in Physics, 2018, 6, .	1.0	6
105	Measurements of astrophysical neutron capture cross sections via the inverse reaction. Nuclear Physics A, 2003, 719, C9-C12.	0.6	4
106	The Trojan-Horse Method applied to the6Li(p,Î±)3He reaction down to astrophysical energies. Nuclear Physics A, 2004, 734, 639-642.	0.6	4
107	Studies of light neutron-rich nuclei near the drip line. European Physical Journal A, 2005, 25, 339-341.	1.0	4
108	Scaling laws and higher-order effects in Coulomb excitation of neutron halo nuclei. European Physical Journal A, 2008, 38, 355-361.	1.0	4

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109	Clusters in Nuclear Matter and the Equation of State. Journal of Physics: Conference Series, 2013, 420, 012078.	0.3	4
110	Study of Ground State Wave-function of the Neutron-rich29,30Na Isotopes through Coulomb Breakup. EPJ Web of Conferences, 2014, 66, 02087.	0.1	4
111	How Well Do We Know The Supernova Equation of State?. , 2017, , .		4
112	^{5}He(^{3}He,^{4}He)^{4}He as a three-body reaction via a continuum resonance in the n+^{4}He system. European Physical Journal A, 2020, 56, 1.	1.0	4
113	Embedding short-range correlations in relativistic density functionals through quasi-deuterons. European Physical Journal A, 2022, 58, .	1.0	4
114	The Î±â€“12C radiative capture process and the Trojan Horse Method. Nuclear Physics A, 2001, 688, 543-545.	0.6	3
115	The Trojan-Horse method for nuclear astrophysics. European Physical Journal A, 2005, 25, 665-668.	1.0	3
116	E0emission inÎ±+C12fusion at astrophysical energies. Physical Review C, 2007, 75, .	1.1	3
117	r-process in Type II supernovae and the role of direct capture. , 2010, , .		3
118	Clusters in nuclear matter and the equation of state for astrophysical applications. , 2013, , .		3
119	Test of IMME infpshell via direct mass measurements of nuclides. Journal of Physics: Conference Series, 2013, 420, 012054.	0.3	3
120	Coulomb breakup of neutron-rich ^{29,30}Na isotopes near the island of inversion. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 045101.	1.4	3
121	Strange matter prospects within the string-flip model. EPJ Web of Conferences, 2018, 171, 20002.	0.1	3
122	Neutron capture cross sections of light neutron-rich nuclei relevant for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>r</mml:mi></mml:math> -process nucleosynthesis. Physical Review C, 2021, 104, .	1.1	3
123	Ground-state configuration of neutron-rich <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Al</mml:mi><mml:mprescripts /><mml:none /><mml:mn>35</mml:mn></mml:mmultiscripts></mml:math> via Coulomb breakup. Physical Review C, 2017, 96, .	1.1	3
124	CompOSE. European Physical Journal A, 2021, 57, 1.	1.0	3
125	The 7Li(p, Î±)4He fusion reaction studied via the trojan horse method and its astrophysical implications. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 455.	0.5	2
126	Coulomb dissociation of 8B: determination of the E2 component. Nuclear Physics A, 2003, 718, 109-112.	0.6	2

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127	Indirect Methods for Nuclear Astrophysics. EAS Publications Series, 2007, 27, 185-193.	0.3	2
128	Coulomb dissociation of8B and6Li. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014003.	1.4	2
129	Relativistic mean-field models and nuclear matter constraints. , 2013, , .		2
130	Bayesian Analysis for a New Class of Hybrid EoS Models Using Mass and Radius Data of Compact Stars. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 799.	0.0	2
131	The Past and Future of Coulomb Dissociation in Hadron- and Astrophysics. , 2001, , 247-258.		2
132	Clusters as surrogate for explicit short-range correlations in relativistic mean-field models. European Physical Journal: Special Topics, 2020, 229, 3433-3444.	1.2	2
133	Response of a quantum system to a time-dependent external field and dynamical symmetry of the system. Journal of Physics A, 1998, 31, 5585-5598.	1.6	1
134	Indirect methods for astrophysical nuclear reaction rates. Nuclear Physics A, 2003, 722, C215-C220.	0.6	1
135	Coulomb breakup of psd-shell neutron-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1583-S1587.	1.4	1
136	Measurement of the fluence response of the GSI neutron ball in high-energy neutron fields produced by 500 AMeV and 800 AMeV deuterons. Radiation Protection Dosimetry, 2008, 132, 360-360.	0.4	1
137	Bare nucleus S(E) factor of the2H(d,p)3H and2H(d,n)3He reactions via the Trojan Horse Method. Journal of Physics: Conference Series, 2012, 337, 012017.	0.3	1
138	Low-energy d+d fusion via the Trojan Horse Method. Journal of Physics: Conference Series, 2013, 436, 012073.	0.3	1
139	Nuclei in Dense Matter and Equation of State. Journal of Physics: Conference Series, 2013, 413, 012026.	0.3	1
140	Ground-state configuration of neutron-rich Aluminum isotopes through Coulomb Breakup. EPJ Web of Conferences, 2014, 66, 02019.	0.1	1
141	Cluster correlations in dilute matter and equation of state. Journal of Physics: Conference Series, 2014, 569, 012088.	0.3	1
142	Relativistic mean-field model with energy dependent self-energies. , 2015, , .		1
143	From femtonova to supernova: Heavy-ion collisions and the supernova equation of state. EPJ Web of Conferences, 2016, 117, 07018.	0.1	1
144	Reaction theory. European Physical Journal Plus, 2016, 131, 1.	1.2	1

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145	Post-formation in alpha emission from nuclei. EPJ Web of Conferences, 2020, 227, 01001.	0.1	1
146	The ^{3}He+^{5}He$$ightarrow $$ $$alpha $$+$$alpha $$ reaction below the Coulomb barrier via the Trojan Horse Method. European Physical Journal A, 2021, 57, 1.	1.0	1
147	Î±-clustering in Heavy Nuclei 112â€“124Sn Probed with ((p,palpha)) Reaction. , 2020, , .		1
148	MECHANISMS FOR DIRECT BREAKUP REACTIONS. , 2000, , .		1
149	Survey of Open Data Concepts Within Fundamental Physics: An Initiative of the PUNCH4NFDI Consortium. Computing and Software for Big Science, 2022, 6, 1.	1.3	1
150	Astronuclear physics with Coulomb dissociation. , 1998, , .		0
151	Study of the quasi-free reaction mechanism in the [sup 6]Li([sup 12]C,Î±[sup 12]C)[sup 2]H reaction: Astrophysical implications. AIP Conference Proceedings, 2000, , .	0.3	0
152	Reply to â€œComment on â€˜Electromagnetic dissociation ofB8and the astrophysicalSfactor forBe7(p,Î³)B8â€™â€ť. Physical Review C, 2004, 70, .	1.1	0
153	Direct Reactions with Exotic Nuclei. AIP Conference Proceedings, 2005, , .	0.3	0
154	Trojan Horse Method: Recent Experiments. AIP Conference Proceedings, 2006, , .	0.3	0
155	Cross section measurements of the Big Bang nucleosynthesis reaction D(Î±,Î³)6Li by Coulomb dissociation of 6Li. AIP Conference Proceedings, 2006, , .	0.3	0
156	Investigation of subtreshold resonances with the Trojan Horse Method. AIP Conference Proceedings, 2006, , .	0.3	0
157	Cluster formation and dissolution in a generalized relativistic density functional approach for dense matter. Journal of Physics: Conference Series, 2011, 321, 012029.	0.3	0
158	Indirect Study of the 2H(d,p)3H and 2H(d,n)3He Reactions at Astrophysical Energies via the Trojan Horse Method. Few-Body Systems, 2011, 50, 323-325.	0.7	0
159	[sup 2]H(d,p)[sup 3]H and [sup 2]H(d,n)[sup 3]He reactions at sub-coulomb energies. , 2012, , .		0
160	Coulomb Dissociation of²⁷P. Journal of Physics: Conference Series, 2012, 381, 012115.	0.3	0
161	In-Medium phenomena in Low Density Nuclear Matter. Journal of Physics: Conference Series, 2013, 420, 012086.	0.3	0
162	Clustering in dilute matter and equation of state. EPJ Web of Conferences, 2015, 88, 01016.	0.1	0

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163	Coulomb Dissociation Experiment of ^{27}P. Acta Physica Polonica B, 2015, 46, 473.	0.3	0
164	Cluster correlations in dense matter and equation of state. Physics of Particles and Nuclei, 2015, 46, 777-780.	0.2	0
165	Theory of the Trojan-Horse Method â^' From the Original Idea to Actual Applications. EPJ Web of Conferences, 2017, 165, 02008.	0.1	0
166	Coulomb Dissociation as a Tool of Nuclear Astrophysics. , 2001, , 259-270.		0
167	DENSITY AND ENERGY DEPENDENT RELATIVISTIC MEAN FIELD APPROACH FOR NUCLEAR STRUCTURE AND REACTIONS. , 2001, , .		0
168	Relativistic Mean Field Approach with Density and Momentum-Dependent Coupling Vertices. , 2002, , 89-96.		0
169	High-Level Support Activities of Simulation Laboratory E&A Particles. , 2015, , 121-133.		0
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