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	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
2	Sexaquark dilemma in neutron stars and its solution by quark deconfinement. Physical Review D, 2022, 105, .	1.6	20
3	Embedding short-range correlations in relativistic density functionals through quasi-deuterons. European Physical Journal A, 2022, 58, .	1.0	4
4	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
5	The Trojan Horse Method: A Nuclear Physics Tool for Astrophysics. Annual Review of Nuclear and Particle Science, 2021, 71, 345-376.	3.5	27
6	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
7	Formation of Î± clusters in dilute neutron-rich matter. Science, 2021, 371, 260-264.	6.0	57
8	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
9	CompOSE. European Physical Journal A, 2021, 57, 1.	1.0	3
10	Parametrisations of relativistic energy density functionals with tensor couplings. European Physical Journal A, 2020, 56, 1.	1.0	16
11	^{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
12	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
13	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
14	Post-formation in alpha emission from nuclei. EPJ Web of Conferences, 2020, 227, 01001.	0.1	1
15	Constraining the onset density of the hadron-quark phase transition with gravitational-wave observations. Physical Review D, 2020, 102, .	1.6	51
16	Î±-clustering in Heavy Nuclei 112â€“124Sn Probed with ((p,palpha)) Reaction. , 2020, , .		1
17	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
18	Clear evidence of a clusters in the ground state of heavy nuclei. Journal of Physics: Conference Series, 2020, 1643, 012108.	0.3	0

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19	Neutron 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:math> 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:math>	1.1	13
20	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
21	Strange matter prospects within the string-flip model. EPJ Web of Conferences, 2018, 171, 20002.	0.1	3
22	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
23	Lagrange-Mesh Method for Deformed Nuclei With Relativistic Energy Density Functionals. Frontiers in Physics, 2018, 6, .	1.0	6
24	Quark deconfinement as a supernova explosion engine for massive blue supergiant stars. Nature Astronomy, 2018, 2, 980-986.	4.2	102
25	Relativistic Mean-Field Models with Different Parametrizations of Density Dependent Couplings. Particles, 2018, 1, 2.	0.5	29
26	A Phenomenological Equation of State of Strongly Interacting Matter with First-Order Phase Transitions and Critical Points. Universe, 2018, 4, 32.	0.9	9
27	COMPARISON OF EQUATION OF STATE MODELS WITH DIFFERENT CLUSTER DISSOLUTION MECHANISMS. , 2017, , 95-132.		7
28	Equations of state for supernovae and compact stars. Reviews of Modern Physics, 2017, 89, .	16.4	732
29	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
30	Determination of the neutron-capture rate of C17 for r -process nucleosynthesis. Physical Review C, 2017, 95, .	1.1	10
31	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
32	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
33	Mixed phase within the multiâ€polytrope approach to highâ€mass twins. Astronomische Nachrichten, 2017, 338, 1048-1051.	0.6	6
34	Theory of the Trojan-Horse Method â˜' From the Original Idea to Actual Applications. EPJ Web of Conferences, 2017, 165, 02008.	0.1	0
35	How Well Do We Know The Supernova Equation of State?. , 2017, , .		4
36	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

#	Article	IF	Citations
37	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
38	From femtonova to supernova: Heavy-ion collisions and the supernova equation of state. EPJ Web of Conferences, 2016, 117, 07018.	0.1	1
39	Expected impact from weak reactions with light nuclei in corecollapse supernova simulations. EPJ Web of Conferences, 2016, 109, 06002.	0.1	21
40	Neutron star mass limit at 2MâŠ™ supports the existence of a CEP. European Physical Journal A, 2016, 52, 1.	1.0	27
41	Direct experimental evidence for a multiparticle-hole ground state configuration of deformedMg33. Physical Review C, 2016, 94, .	1.1	10
42	Coulomb dissociation ofP27at 500 MeV/u. Physical Review C, 2016, 93, .	1.1	6
43	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
44	New class of hybrid EoS and Bayesian M - R data analysis. European Physical Journal A, 2016, 52, 1.	1.0	84
45	Variations on the excluded-volume mechanism. European Physical Journal A, 2016, 52, 1.	1.0	57
46	Reaction theory. European Physical Journal Plus, 2016, 131, 1.	1.2	1
47	ON A DYNAMIC SCHEDULING ALGORITHM FOR MASSIVELY PARALLEL COMPUTATIONS OF ATOMIC ISOTOPE. , 2016, , .		0
48	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
49	Relativistic mean-field model with energy dependent self-energies. , 2015, , .		1
50	Clustering in dilute matter and equation of state. EPJ Web of Conferences, 2015, 88, 01016.	0.1	0
51	Neutron star equations of state with optical potential constraint. Nuclear Physics A, 2015, 938, 92-108.	0.6	7
52	Coulomb Dissociation Experiment of ^{27}P. Acta Physica Polonica B, 2015, 46, 473.	0.3	0
53	Constraining supernova equations of state with equilibrium constants from heavy-ion collisions. Physical Review C, 2015, 91, .	1.1	43
54	A new quark-hadron hybrid equation of state for astrophysics. Astronomy and Astrophysics, 2015, 577, A40.	2.1	183

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55	Cluster correlations in dense matter and equation of state. Physics of Particles and Nuclei, 2015, 46, 777-780.	0.2	0
56	High-Level Support Activities of Simulation Laboratory E&A Particles. , 2015, , 121-133.		0
57	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
58	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
59	Relativistic mean-field hadronic models under nuclear matter constraints. Physical Review C, 2014, 90, .	1.1	331
60	Effects of the liquid-gas phase transition and cluster formation on the symmetry energy. European Physical Journal A, 2014, 50, 1.	1.0	37
61	NEW DETERMINATION OF THE²H(d,p)³H AND²H(d,n)³He REACTION RATES AT ASTROPHYSICAL ENERGIES. Astrophysical Journal, 2014, 785, 96.	1.6	73
62	Ground-state configuration of neutron-rich Aluminum isotopes through Coulomb Breakup. EPJ Web of Conferences, 2014, 66, 02019.	0.1	1
63	Cluster correlations in dilute matter and equation of state. Journal of Physics: Conference Series, 2014, 569, 012088.	0.3	1
64	Cluster-virial expansion for nuclear matter within a quasiparticle statistical approach. Nuclear Physics A, 2013, 897, 70-92.	0.6	43
65	Clusters in nuclear matter and the equation of state for astrophysical applications. , 2013, , .		3
66	Relativistic mean-field models and nuclear matter constraints. , 2013, , .		2
67	Test of IMME infpshell via direct mass measurements of nuclides. Journal of Physics: Conference Series, 2013, 420, 012054.	0.3	3
68	Clusters in Nuclear Matter and the Equation of State. Journal of Physics: Conference Series, 2013, 420, 012078.	0.3	4
69	Low-energy d+d fusion via the Trojan Horse Method. Journal of Physics: Conference Series, 2013, 436, 012073.	0.3	1
70	In-Medium phenomena in Low Density Nuclear Matter. Journal of Physics: Conference Series, 2013, 420, 012086.	0.3	0
71	Nuclei in Dense Matter and Equation of State. Journal of Physics: Conference Series, 2013, 413, 012026.	0.3	1
72	Experimental Determination of In-Medium Cluster Binding Energies and Mott Points in Nuclear Matter. Physical Review Letters, 2012, 108, 062702.	2.9	48

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73	Laboratory Tests of Low Density Astrophysical Nuclear Equations of State. Physical Review Letters, 2012, 108, 172701.	2.9	79
74	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:mo><mml:mi>Ï</mml:mi><mml:mn>0</mml:mn><mml:mo>â©½</mml:mo><mml:mn>0.1</mml:mn></mml:mrow></mml:math> Physical Review C, 2012, 85, .	0.1	47
75	[sup 2]H(d,p)[sup 3]H and [sup 2]H(d,n)[sup 3]He reactions at sub-coulomb energies. , 2012, , .		0
76	Coulomb Dissociation of²⁷P. Journal of Physics: Conference Series, 2012, 381, 012115.	0.3	0
77	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
78	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
79	Constraining mean-field models of the nuclear matter equation of state at low densities. Nuclear Physics A, 2012, 887, 42-76.	0.6	40
80	Core collapse supernovae in the QCD phase diagram. Physics of Atomic Nuclei, 2012, 75, 613-620.	0.1	12
81	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 535.	0.0	52
82	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
83	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
84	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
85	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
86	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
87	Light clusters in nuclear matter: Excluded volume versus quantum many-body approaches. Physical Review C, 2011, 84, .	1.1	38
88	Bulk Properties of Strongly Interacting Matter. Lecture Notes in Physics, 2011, , 39-334.	0.3	11
89	Symmetry Energy of Dilute Warm Nuclear Matter. Physical Review Letters, 2010, 104, 202501.	2.9	141
90	r-process in Type II supernovae and the role of direct capture. , 2010, , .		3

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91	Composition and thermodynamics of nuclear matter with light clusters. Physical Review C, 2010, 81, .	1.1	624
92	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>	1.1	65
93	Pseudospin, supersymmetry and the shell structure of atomic nuclei. Nuclear Physics A, 2008, 806, 156-178.	0.6	28
94	Scaling laws and higher-order effects in Coulomb excitation of neutron halo nuclei. European Physical Journal A, 2008, 38, 355-361.	1.0	4
95	Coulomb dissociation of8B and6Li. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014003.	1.4	2
96	Coulomb dissociation, a tool for nuclear astrophysics. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014028.	1.4	6
97	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
98	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
99	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
100	E0emission inÎ±+C12fusion at astrophysical energies. Physical Review C, 2007, 75, .	1.1	3
101	Indirect Methods for Nuclear Astrophysics. EAS Publications Series, 2007, 27, 185-193.	0.3	2
102	Dipole response of neutron-rich Sn isotopes. Nuclear Physics A, 2007, 788, 145-152.	0.6	25
103	Direct reactions with exotic nuclei, nuclear structure and astrophysics. Progress in Particle and Nuclear Physics, 2007, 59, 122-130.	5.6	7
104	Trojan Horse Method: Recent Experiments. AIP Conference Proceedings, 2006, , .	0.3	0
105	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
106	Investigation of subtreshold resonances with the Trojan Horse Method. AIP Conference Proceedings, 2006, , .	0.3	0
107	Low-energy cross section of theBe7(p,Î³)B8solar fusion reaction from the Coulomb dissociation ofB8. Physical Review C, 2006, 73, .	1.1	50
108	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

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109	Coulomb breakup of 23O. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 605, 79-86.	1.5	49
110	Study of the 3He(d, p)4He reaction through the Trojan Horse Method. Nuclear Physics A, 2005, 758, 98-101.	0.6	8
111	Electromagnetic strength of neutron and proton single-particle halo nuclei. Nuclear Physics A, 2005, 759, 247-308.	0.6	67
112	The Trojan-Horse method for nuclear astrophysics. European Physical Journal A, 2005, 25, 665-668.	1.0	3
113	Studies of light neutron-rich nuclei near the drip line. European Physical Journal A, 2005, 25, 339-341.	1.0	4
114	Direct Reactions with Exotic Nuclei. AIP Conference Proceedings, 2005, , .	0.3	0
115	Influence of theÎ±â˜dmotion inLi6on Trojan horse applications. Physical Review C, 2005, 71, .	1.1	43
116	Bare-nucleus astrophysical factor of theHe3(d,p)He4reaction via the â€œTrojan horseâ€•method. Physical Review C, 2005, 72, .	1.1	68
117	Coulomb breakup of psd-shell neutron-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1583-S1587.	1.4	1
118	Relativistic model for nuclear matter and atomic nuclei with momentum-dependent self-energies. Physical Review C, 2005, 71, .	1.1	141
119	Isospin Dependence in the Odd-Even Staggering of Nuclear Binding Energies. Physical Review Letters, 2005, 95, 042501.	2.9	48
120	The Trojan-Horse method for nuclear astrophysics. , 2005, , 665-668.		0
121	Studies of light neutron-rich nuclei near the drip line. , 2005, , 339-341.		0
122	Effective-Range Approach and Scaling Laws for Electromagnetic Strength in Neutron-Halo Nuclei. Physical Review Letters, 2004, 93, 142502.	2.9	43
123	Reply to â€œComment on â€˜Electromagnetic dissociation ofB8and the astrophysicalSfactor forBe7(p,Î³)B8â€™â€‰â€• Physical Review C, 2004, 70, .	1.1	0
124	Theory of the Trojan-Horse Method. Progress of Theoretical Physics Supplement, 2004, 154, 333-340.	0.2	9
125	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
126	On the Lorentz structure of the symmetry energy. Nuclear Physics A, 2004, 732, 24-48.	0.6	186

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127	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
128	Theory of the Trojanâ€“Horse method. Annals of Physics, 2003, 305, 228-265.	1.0	65
129	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
130	Coulomb dissociation of 8B: determination of the E2 component. Nuclear Physics A, 2003, 718, 109-112.	0.6	2
131	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
132	Indirect study of the 6Li(p, Î±)3He reaction at astrophysical energies. Nuclear Physics A, 2003, 718, 499-501.	0.6	8
133	Measurements of astrophysical neutron capture cross sections via the inverse reaction. Nuclear Physics A, 2003, 719, C9-C12.	0.6	4
134	Indirect methods for astrophysical nuclear reaction rates. Nuclear Physics A, 2003, 722, C215-C220.	0.6	1
135	Skyrme Hartree-Fock calculations for the Î±-decayQvalues of superheavy nuclei. Physical Review C, 2003, 67, .	1.1	25
136	Electromagnetic dissociation ofB8and the astrophysicalSfactor forBe7(p,Î³)8B. Physical Review C, 2003, 68, .	1.1	48
137	Validity test of the â€œTrojan horseâ€•method applied to the6Li(p,Î±)3Hereaction. Physical Review C, 2003, 67, .	1.1	71
138	Relativistic mean field model with generalized derivative nucleon-meson couplings. Physical Review C, 2003, 67, .	1.1	18
139	Coulomb Dissociation ofB8and the Low-Energy Cross Section of theBe7(p,Î³)B8Solar Fusion Reaction. Physical Review Letters, 2003, 90, 232501.	2.9	85
140	Spectroscopic factors measured in inclusive proton-knockout reactions on8Band9Cat intermediate energies. Physical Review C, 2003, 67, .	1.1	51
141	Cross Section for the Astrophysical14C(n, Î³)15C Reaction via the Inverse Reaction. Astrophysical Journal, 2002, 570, 926-933.	1.6	40
142	Elastic protonâ€“nucleus scattering and the optical potential in a relativistic mean field model. Nuclear Physics A, 2002, 709, 299-318.	0.6	8
143	Relativistic Mean Field Approach with Density and Momentum-Dependent Coupling Vertices. , 2002, , 89-96.		0
144	Neutron radii and the neutron equation of state in relativistic models. Physical Review C, 2001, 64, .	1.1	242

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145	The Bare AstrophysicalS(E) Factor of the7Li(p, Î±)Î± Reaction. Astrophysical Journal, 2001, 562, 1076-1080.	1.6	103
146	Electromagnetic dissociation as a tool for nuclear structure and astrophysics. Progress in Particle and Nuclear Physics, 2001, 46, 99-108.	5.6	15
147	The Î±â€“12C radiative capture process and the Trojan Horse Method. Nuclear Physics A, 2001, 688, 543-545.	0.6	3
148	Higher order effects in electromagnetic dissociation of neutron halo nuclei. Physical Review C, 2001, 64, .	1.1	51
149	Improved information on the2H(6Li,Î±)4Hereaction extracted via the â€œTrojan horseâ€•method. Physical Review C, 2001, 64, .	1.1	46
150	Dynamical description of the breakup of one-neutron halo nuclei11Beand19C. Physical Review C, 2001, 64, .	1.1	45
151	Coulomb breakup of7Lifor nuclear astrophysics. Physical Review C, 2001, 63, .	1.1	32
152	Interaction cross sections for light neutron-rich nuclei. Physical Review C, 2001, 65, .	1.1	28
153	â€œTrojan horseâ€•method applied to2H(6Li,Î±)4Heat astrophysical energies. Physical Review C, 2001, 63, .	1.1	99
154	The Past and Future of Coulomb Dissociation in Hadron- and Astrophysics. , 2001, , 247-258.		2
155	Coulomb Dissociation as a Tool of Nuclear Astrophysics. , 2001, , 259-270.		0
156	DENSITY AND ENERGY DEPENDENT RELATIVISTIC MEAN FIELD APPROACH FOR NUCLEAR STRUCTURE AND REACTIONS. , 2001, , .		0
157	Extraction of Astrophysical Cross Sectionsin the Trojan-Horse Method. Few-Body Systems, 2000, 29, 75-93.	0.7	45
158	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
159	The Î±-. European Physical Journal A, 2000, 7, 181.	1.0	22
160	MECHANISMS FOR DIRECT BREAKUP REACTIONS. , 2000, , .		1
161	Excitation of continuum states in 7Li and their decay by quantum tunneling. Nuclear Physics A, 1999, 654, 928c-931c.	0.6	7
162	Relativistic mean field calculations with density-dependent meson-nucleon coupling. Nuclear Physics A, 1999, 656, 331-364.	0.6	524

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163	Dynamical Description of Coulomb Dissociation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1999, 54, 63-76.	0.7	21
164	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
165	Astronuclear physics with Coulomb dissociation. , 1998, , .		0
166	Higher-order effects in the Coulomb dissociation of 8B into 7Be + p. Nuclear Physics A, 1997, 613, 147-164.	0.6	62
167	Nuclear excitation by laser-assisted electronic transitions. Physical Review A, 1996, 53, 2547-2561.	1.0	19
168	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
169	Higher order effects in electromagnetic excitation with fast projectiles. Physical Review C, 1994, 49, 379-385.	1.1	12
170	Coulomb dissociation ofB8intoBe7+p: Effects of multiphoton exchange. Physical Review C, 1994, 50, 2104-2115.	1.1	65
171	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
172	The low-energyD(Î±, Î³)6Li and6Li+208Pbâ†'D+Î±+208Pb cross sections. Zeitschrift FÃ¼r Physik A, 1991, 339, 335-339.	0.9	23
173	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