Andrea Vitturi

List of Publications by Year
in descending order

225 papers	3,388 citations	136950 32 h-index	197818 49 g-index
227 all docs	227 docs citations	227 times ranked	1145 citing authors

#	Article	IF	Citations
1	Review of Shape Phase Transition Studies for Bose-Fermi Systems: The Effect of the Odd-Particle on the Bosonic Core. Symmetry, 2021, 13, 215.	2.2	8
2	Role of continuum in nuclear direct reactions with one-neutron halo nuclei: A one-dimensional model. Physical Review C, 2021, 103, .	2.9	6
3	Unexpected transitional paths in the prolate to oblate shape phase transitions for Boseâ€“Fermi systems. European Physical Journal A, 2021, 57, 1.	2.5	2
4	The 29F nucleus as a lighthouse on the coast of the island of inversion. Communications Physics, 2020, 3, .	5.3	12
5	Exploring two-neutron halo formation in the ground state of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">F</mml:mi><mml:mprescripts /><mml:none /><mml:mn>20</mml:mn></mml:mmultiscripts></mml:math> and resonances in the triangular <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> -cluster model of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none /><mml:mn>12</mml:mn></mml:mmultiscripts></mml:math> with application to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathv	2.9	17
6	Transition densities and form factors in the three-body model. Physical Review	2.9	9
7	Studying the Pygmy Dipole Resonances with isoscalar and isovector probes. Journal of Physics: Conference Series, 2020, 1643, 012092.	0.4	0
8	Is 198Hg a soft triaxial nucleus with $gamma = 30^{circ}$?. European Physical Journal Plus, 2019, 134, 1.	2.6	2
9	Two-Neutron Correlations in a Borromean $$varvec{^{20}mathrm{C}+n+n}$$ System: Sensitivity of Unbound Subsystems. Few-Body Systems, 2019, 60, 1.	1.5	6
10	Odd deformed nuclei with $gamma$ Î³ -instability. European Physical Journal Plus, 2019, 134, 1.	2.6	5
11	The Giant Pairing Vibration in heavy nuclei. European Physical Journal A, 2019, 55, 1.	2.5	7
12	The algebraic molecular model in 12C and its application to the Î±+12C scattering: From densities and transition densities to optical potentials and nuclear formfactors. AIP Conference Proceedings, 2019, , .	0.4	2
13	Isospin effects on reaction dynamics at Fermi energies. EPJ Web of Conferences, 2018, 194, 07003.	0.3	1
14	Direct reactions of weakly-bound nuclei within a one dimensional model. Journal of Physics: Conference Series, 2018, 981, 012004.	0.4	2
15	Multi-messenger investigation of the Pygmy Dipole Resonance in 140Ce. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 16-20.	4.1	21
16	Interplay of break-up and transfer processes in reactions involving weakly-bound systems. Journal of Physics: Conference Series, 2018, 966, 012045.	0.4	1
17	First measurement of the isoscalar excitation above the neutron emission threshold of the Pygmy Dipole Resonance in 68Ni. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 112-116.	4.1	38
18	Two-fermion emission from spin-singlet and triplet resonances in one dimension. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 105101.	3.6	2

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19	Study of the ^{18}O + ^{64}Ni Two-neutron Transfer Reaction at 84 MeV by MAGNEX. Acta Physica Polonica B, 2018, 49, 381.	0.8	0
20	Experimental Study of the Pygmy Dipole Resonance in the ^{68}Ni Nucleus. Acta Physica Polonica B, 2018, 49, 475.	0.8	0
21	Electromagnetic Selection Rules for $$varvec{^{12}}$$ 12 C in a 3 $$varvec{alpha }$$ Î± Cluster Model. Few-Body Systems, 2017, 58, 1.	1.5	5
22	Long-range versus short-range correlations in the two-neutron transfer reaction <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none		

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37	Direct Reactions: A One Dimensional Toy-Model. Springer Proceedings in Physics, 2016, , 181-183.	0.2	0
38	Nuclear fusion as a probe for octupole deformation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ra</mml:mi><mml:mprescripts /><mml:none /><mml:mn>224</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2015, 92, .	2.9	3
39	Microscopic nuclear form factors for the pygmy dipole resonance. Physical Review C, 2015, 91, .	2.9	16
40	Multipolarity analysis for 14C high-energy resonance populated by (18O,16O) two-neutron transfer reaction. AIP Conference Proceedings, 2015, , .	0.4	0
41	Pairing interaction and reaction mechanism for one- and two-particle transfer reactions: A simple model in one dimension. AIP Conference Proceedings, 2015, , .	0.4	6
42	Two particle transfer reactions: the search for the Giant Pairing Vibration. Journal of Physics: Conference Series, 2015, 580, 012018.	0.4	6
43	Structure and dynamics of weakly-bound systems: a one-dimensional model. Journal of Physics: Conference Series, 2015, 590, 012007.	0.4	3
44	Quantum phase transitions in odd-A nuclei: The effect of the odd particle from spherical to oblate shapes. Journal of Physics: Conference Series, 2015, 580, 012047.	0.4	5
45	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mn>1</mml:mn><mml:mo>a</mml:mo></mml:msup></mml:math> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:msup></mml:math> states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>90</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>populated via th	2.9	33
46	The effect of proton halo on fusion reactions. Journal of Physics: Conference Series, 2015, 590, 012026.	0.4	1
47	Signatures of the Giant Pairing Vibration in the 14C and 15C atomic nuclei. Nature Communications, 2015, 6, 6743.	12.8	86
48	Nuclear excitation of Pygmy Dipole Resonance. Journal of Physics: Conference Series, 2014, 527, 012006.	0.4	1
49	Pairing in the continuum: The quadrupole response of the Borromean nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">He</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2014, 90, .	2.9	14
50	Enhanced subbarrier fusion for proton halo nuclei. Physical Review C, 2014, 89, .	2.9	8
51	Investigating nuclear pairing correlations via microscopic two-particle transfer reactions: The cases of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Sn</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>112</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Mg</mml:mi><mml:mprescripts /><mml:none	2.9	21
52	Dipole excitations via isoscalar probes: The splitting of the pygmy dipole resonance in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow /><mml:mn>124</mml:mn></mml:msup><mml:mi>Sn</mml:mi></mml:math>. Physical Review C, 2014, 89, .	2.9	53
53	Quantum shape phase transitions from spherical to deformed for Bose-Fermi systems: the effect of the odd particle around the critical point. EPJ Web of Conferences, 2014, 66, 02014.	0.3	3
54	Probing the pairing interaction through two-neutron transfer reactions. Journal of Physics: Conference Series, 2014, 533, 012003.	0.4	0

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55	Nuclear and Coulomb excitations of low-lying dipole states in exotic and stable nuclei. Journal of Physics: Conference Series, 2013, 420, 012147.	0.4	2
56	A study of pairing correlations for weakly-bound systems at the drip lines in a simple one-dimensional model. , 2012, , .		2
57	X(5) critical-point symmetries in138Gd. Journal of Physics: Conference Series, 2012, 381, 012062.	0.4	2
58	Pair-transfer probability in open- and closed-shell Sn isotopes. Physical Review C, 2012, 85, .	2.9	22
59	Two-Particle Transfer and Pairing Correlations: Interplay of Reaction Mechanism and Structure Properties. Progress of Theoretical Physics Supplement, 2012, 196, 72-86.	0.1	4
60	Probing the17F+ppotential by elastic scattering at near-barrier energies. Physical Review C, 2012, 85, .	2.9	17
61	Spherical to prolate axially symmetric shape transition, U<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mi>Ï€</mml:mi><mml:mi>Î½</mml:mi></mml:mrow></mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:m Physical Review C, 2012, 86, .	2.9	2
62	Probing the pairing interaction through two-neutron transfer reactions. EPJ Web of Conferences, 2012, 38, 04001.	0.3	1
63	Phase diagram for a cubic-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Q</mml:mi></mml:math>interacting boson model Hamiltonian: Signs of triaxiality. Physical Review C, 2011, 84, .	2.9	25
64	Strong reaction channels for the system¹⁷F +⁵⁸Ni at Coulomb barrier energies. Journal of Physics: Conference Series, 2011, 312, 082032.	0.4	1
65	Giant and Pygmy Dipole Resonances in neutron-rich nuclei: their excitation via Coulomb and nuclear fields. Journal of Physics: Conference Series, 2011, 267, 012006.	0.4	6
66	Dynamical probes of pairing correlations: two-particle transfer and two-particle break-up reactions. Journal of Physics: Conference Series, 2011, 336, 012018.	0.4	0
67	Does the breakup process affect the reaction dynamics for the systems17O,17F +58Ni at Coulomb barrier energies?. EPJ Web of Conferences, 2011, 17, 13005.	0.3	2
68	Heavy-ion two-particle transfer reactions as a probe of pairing correlations. Journal of Physics: Conference Series, 2011, 321, 012004.	0.4	2
69	Lifetime measurements in the transitional nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>138</mml:mn></mml:msup></mml:math>Gd. Physical Review C, 2011, 84, .	2.9	4
70	Excitations of pygmy dipole resonances in exotic and stable nuclei via Coulomb and nuclear fields. Physical Review C, 2011, 84, .	2.9	43
71	Two-neutron halo nuclei in one dimension: dineutron correlation and breakup reaction. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 015105.	3.6	12
72	ODD NUCLEI AND SHAPE PHASE TRANSITIONS: THE ROLE OF THE UNPAIRED FERMION. International Journal of Modern Physics E, 2011, 20, 207-212.	1.0	5

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73	On the nature of the Dipole Pygmy Resonance. , 2011, , .		1
74	Treatment of continuum in weakly bound systems in structure and reactions. Nuclear Physics A, 2010, 834, 428c-431c.	1.5	8
75	Excitation of pygmy dipole resonance in neutron-rich nuclei via Coulomb and nuclear fields. Pramana - Journal of Physics, 2010, 75, 73-80.	1.8	9
76	Scattering of 17F nuclei from a 58Ni target at energies around the Coulomb barrier. Nuclear Physics A, 2010, 834, 488c-490c.	1.5	8
77	Reaction dynamics for the system<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">F</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>17</mml:mn></mml:mrow></mml:mmultiscripts><mml:mrow><mml:mo>+</mml:mo></mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>58</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> at near-barrier	2.9	38
78	Shape phase transition in odd-even nuclei: From spherical to deformed<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î³</mml:mi></mml:mrow></mml:math>-unstable shapes. Physical Review C, 2010, 82, .	2.9	25
79	Role of the continuum in reactions with weakly bound systems: A comparative study between the time evolution of a break-up wave function and its coupled-channel approximation. Physical Review C, 2009, 79, .	2.9	9
80	Coherent state approach to the interacting boson model: Test of its validity in the transitional region. Physical Review C, 2009, 80, .	2.9	5
81	Remarks on shape phase transitions in nuclei. Journal of Physics: Conference Series, 2009, 168, 012011.	0.4	2
82	Shape phase transitions and critical points. , 2009, , .		0
83	Treatment of continuum in nuclear reactions involving weakly bound systems. A simple model to test different prescriptions describing the coupling to continuum states.. , 2009, , .		0
84	Electric and magnetic response to the continuum for A = 7 isobars in a dicluster model. European Physical Journal A, 2009, 39, 107-116.	2.5	18
85	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mi mathvariant="normal">U</mml:mi><mml:mrow><mml:mi mathvariant="italic">BF</mml:mi></mml:mrow></mml:msup><mml:mo stretchy="false">(</mml:mo><mml:mn>5</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 247 Td (stretchy="false">	2.9	27
86	xmlns:mml="http://www.w3.org/1 Treatment of Continuum in Weakly Bound Systems in Structure and Reactions. , 2009, , .		3
87	Sub-barrier fusion processes: The case of weakly-bound nuclei. European Physical Journal: Special Topics, 2008, 156, 237-248.	2.6	2
88	ELECTRIC AND MAGNETIC PROPERTIES FOR DICLUSTER NUCLEI 7Li AND 7Be. International Journal of Modern Physics E, 2008, 17, 2310-2314.	1.0	2
89	Shape phase transitions in odd-A nuclei. , 2008, , .		0
90	Population of mixed-symmetry states via<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î±</mml:mi></mml:mrow></mml:math>transfer reactions. Physical Review C, 2008, 78, .	2.9	6

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91	Shape-phase transitions and two-particle transfer intensities. Physical Review C, 2007, 76, .	2.9	26
92	Shape phase transition in odd nuclei in a multi-jmodel: TheUB(6)âŠ—UF(12)case. Physical Review C, 2007, 75, .	2.9	44
93	Critical-Point Symmetries in Boson-Fermion Systems: The Case of Shape Transitions in Odd Nuclei in a Multiorbit Model. Physical Review Letters, 2007, 98, 052501.	7.8	48
94	Heavy-ion reactions with weakly-bound systems: a simple model. Nuclear Physics A, 2007, 787, 476-483.	1.5	5
95	Study of break-up reactions of light dicluster nuclei. AIP Conference Proceedings, 2006, , .	0.4	0
96	Time-dependent aspects of the semiclassical approach in the analysis of heavy ion reactions. Physical Review C, 2006, 73, .	2.9	2
97	One-particle spectroscopic intensities as a signature of shape phase transition: The Î³-unstable case. Physical Review C, 2006, 74, .	2.9	7
98	Electromagnetic response and breakup of light weakly bound nuclei in a dicluster model. European Physical Journal A, 2005, 26, 33-40.	2.5	15
99	Phase transitions in the interacting boson fermion model: The Î³-unstable case. Physical Review C, 2005, 72, .	2.9	39
100	Low-energy nuclear reactions with weakly-bound systems. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1449-S1453.	3.6	2
101	6Li excitation above the breakup threshold in the 6Li+208Pb system at Coulomb barrier energies. AIP Conference Proceedings, 2004, , .	0.4	0
102	Relativistic Coulomb excitation of the giant dipole resonance in nuclei: A straightforward approach. Physical Review C, 2004, 70, .	2.9	3
103	Reaction Dynamics for Fusion of Weakly-Bound Nuclei. Progress of Theoretical Physics Supplement, 2004, 154, 77-84.	0.1	2
104	New analytic solutions of the collective Bohr Hamiltonian for a Â-soft, Â-soft axial rotor. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, 627-635.	3.6	65
105	6Li breakup from 208Pb target at Coulomb barrier energies: doorway to reaction mechanism induced by loosely bound/halo nuclei. Nuclear Physics A, 2004, 746, 497-500.	1.5	4
106	Excitation of 6 Li above the breakup threshold in the 6 Li + 208 Pb system around the Coulomb barrier. European Physical Journal A, 2003, 18, 583-587.	2.5	7
107	U(5)-O(6) transition in the interacting boson model and theE(5)critical point symmetry. Physical Review C, 2003, 68, .	2.9	71
108	Excitation of collective modes in neutron-rich and in weakly-bound nuclei. Nuclear Physics A, 2003, 722, C85-C91.	1.5	3

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109	On the excitation of double giant resonances in heavy ion reactions. Nuclear Physics A, 2003, 724, 85-98.	1.5	5
110	Analytically solvable potentials for Â-unstable nuclei. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 1341-1349.	3.6	84
111	Symmetries in nuclei, erice, March 23â€30, 2003. Nuclear Physics News, 2003, 13, 28-28.	0.4	1
112	Cross sections for the excitation of isovector charge-exchange resonances in208Tl. Physical Review C, 2003, 67, .	2.9	1
113	Exclusive breakup of6Liby208Pbat Coulomb barrier energies. Physical Review C, 2003, 67, .	2.9	107
114	Effect of Break-Up Processes on Fusion Reactions with Weakly Bound Projectiles. Progress of Theoretical Physics Supplement, 2002, 146, 309-313.	0.1	1
115	Structure of the 89Zr via the high-resolution 91Zr(p,t)89Zr reaction and shell-model calculations. Nuclear Physics A, 2002, 697, 611-629.	1.5	8
116	The potential of the loosely bound 9Be from 209Bi elastic scattering: unusual behaviour at near threshold energy. Nuclear Physics A, 2002, 701, 23-28.	1.5	17
117	Enhanced excitation of giant pairing vibrations in heavy-ion reactions induced by weakly bound projectiles. European Physical Journal A, 2002, 14, 37-42.	2.5	9
118	Prompt emission of dipole radiation in nuclear reactions with radioactive beams. European Physical Journal A, 2001, 12, 279-284.	2.5	6
119	Strong reaction channels at barrier energies in the system 6Li + 208Pb. European Physical Journal A, 2001, 10, 249-253.	2.5	52
120	Target-mass dependence of the break-up of halo nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 65-69.	4.1	10
121	Coupling of dipole mode to -unstable quadrupole oscillations. Nuclear Physics A, 2001, 679, 359-372.	1.5	6
122	Pairing correlations of nucleons and multi-nucleon transfer between heavy nuclei. Reports on Progress in Physics, 2001, 64, 1247-1337.	20.1	158
123	Unusual near-threshold potential behavior for the weakly bound nucleus9Bein elastic scattering from209Bi. Physical Review C, 2000, 61, .	2.9	75
124	Role of breakup processes in fusion enhancement of drip-line nuclei at energies below the Coulomb barrier. Physical Review C, 2000, 61, .	2.9	171
125	Excitation of the GDR and the compressional isoscalar dipole state by scattering. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 11-16.	3.6	3
126	Shell model treatment of the structure of light neutron-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, B1-B6.	3.6	1

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127	Charge exchange reactions in the Glauber approximation. Physical Review C, 1999, 59, 2297-2300.	2.9	3
128	Projectile breakup in the reaction11Be+208Pb. Physical Review C, 1999, 59, 539-541.	2.9	26
129	Intrinsic structure of two-phonon states in the interacting boson model. Nuclear Physics A, 1998, 637, 529-546.	1.5	13
130	Dominance of nuclear processes in the dissociation of 8B. Nuclear Physics A, 1998, 639, 635-653.	1.5	38
131	Study of the 90Zr(p,Î±)87Y reaction at 22 MeV. European Physical Journal A, 1998, 1, 365-378.	2.5	10
132	Excitation of collective modes in neutron-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 1998, 24, 1439-1444.	3.6	4
133	High-spin states in the odd-oddN=Znucleus50Mn. Physical Review C, 1998, 58, R2621-R2625.	2.9	45
134	Role of theÎ³degree of freedom in sub-barrier fusion phenomena and effective barrier distributions. Physical Review C, 1997, 55, 2112-2114.	2.9	1
135	Homologous states and the structure of nuclei in the lead region. Physical Review C, 1997, 55, 2395-2406.	2.9	9
136	Low-energy extensions of the eikonal approximation to heavy-ion scattering. Physical Review C, 1997, 56, 1511-1515.	2.9	20
137	Collective transition densities in neutron-rich nuclei. Nuclear Physics A, 1997, 614, 86-94.	1.5	36
138	Excitation of isovector modes in very neutron-rich nuclei via heavy-ion isoscalar probes. Nuclear Physics A, 1997, 627, 349-360.	1.5	7
139	Effect of large neutron excess on the dipole response in the region of the giant dipole resonance. Nuclear Physics A, 1997, 624, 449-458.	1.5	76
140	Low-lying component in strength distributions of weakly bound neutron-rich nuclei. Nuclear Physics A, 1996, 602, 181-196.	1.5	56
141	Coulomb- and nuclear-induced break-up of halo nuclei at bombarding energies around the Coulomb barrier. Nuclear Physics A, 1996, 597, 473-486.	1.5	45
142	Cranking approach to the interacting boson model: the behaviour of the intrinsic state with angular momentum. Nuclear Physics A, 1996, 604, 53-68.	1.5	5
143	Role of nuclear couplings in the inelastic excitation of weakly bound neutron-rich nuclei. Nuclear Physics A, 1996, 611, 124-138.	1.5	13
144	Range of validity of the eikonal approximation within the coupled-channel description of heavy-ion scattering processes. Zeitschrift FÃ¼r Physik A, 1995, 352, 303-313.	0.9	5

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145	Description of octupole-deformed nuclei within the interacting boson and interacting boson-fermion models. Nuclear Physics A, 1995, 586, 100-124.	1.5	22
146	Ion-ion potential for neutron-rich radioactive beams. Nuclear Physics A, 1995, 587, 390-400.	1.5	5
147	Collision of almost identical nuclei: fusion cross sections and barrier distributions. Nuclear Physics A, 1995, 591, 341-348.	1.5	7
148	Isospin mixing in proton-richNâ‰ƒZnuclei. Physical Review C, 1995, 52, R1175-R1178.	2.9	34
149	One-nucleon transfer between heavy ions at intermediate energies. Physical Review C, 1994, 50, 2096-2103.	2.9	2
150	Coulomb and nuclear excitation in intermediate-energy heavy-ion collisions. Physical Review C, 1994, 49, 1635-1651.	2.9	8
151	Angular momentum stability of small atomic clusters. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1994, 29, 147-150.	1.0	0
152	Coulomb excitation patterns in octupole-deformed nuclei. Nuclear Physics A, 1993, 563, 162-172.	1.5	2
153	Interplay of pairing and quadrupole correlations in deformed nuclei. Zeitschrift FÃ¼r Physik A, 1993, 346, 269-274.	0.9	0
154	Coexistence of normal and superdeformed shapes in an IBA description of nuclei. Journal of Physics G: Nuclear and Particle Physics, 1993, 19, L45-L50.	3.6	1
155	Surface interaction between atomic clusters. Physical Review B, 1993, 48, 2699-2703.	3.2	3
156	Reply to the comment on â€˜â€˜Multipair transfer processes in heavy-ion collisions at intermediate energiesâ€™â€™. Physical Review C, 1992, 46, 1563-1563.	2.9	0
157	Applicability of the adiabatic approximation for barrier penetration at extremely low energies. Physical Review A, 1992, 45, 6899-6901.	2.5	2
158	Intrinsic frame description of interacting boson-fermion systems. Nuclear Physics A, 1992, 539, 59-74.	1.5	15
159	Excitation patterns of Î³-unstable nuclei. Nuclear Physics A, 1992, 536, 179-200.	1.5	3
160	Algebraic description of multistep processes in very-heavy ion reactions. Nuclear Physics A, 1992, 540, 261-274.	1.5	5
161	Heavy-ion optical and polarization potentials at intermediate energies in a Glauber model. Nuclear Physics A, 1992, 536, 168-178.	1.5	12
162	Collective description of two-nucleon transfer reactions in heavy-ion collisions. Nuclear Physics A, 1991, 524, 95-120.	1.5	8

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163	Multipair transfer processes in heavy-ion collisions at intermediate energies. Physical Review C, 1991, 44, 2670-2675.	2.9	3
164	Tunneling phenomena in the presence of kinematically forbidden channels. Physical Review A, 1991, 44, 4743-4746.	2.5	5
165	Study of Negative-Parity States in Near-Closed-Shell Nuclei in the Collective-Pair Approximation Including Particle-Hole Excitations. Europhysics Letters, 1991, 16, 711-715.	2.0	2
166	Fission of ionized alkali metal clusters. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1990, 17, 57-60.	1.0	15
167	Cluster approach to the motion of Î±-like structures in a deformed field. Nuclear Physics A, 1990, 515, 118-124.	1.5	2
168	Interplay between ordinary- and gauge-space deformations in heavy-ion collisions: A study for the Pb + Dy system. Nuclear Physics A, 1990, 514, 161-172.	1.5	0
169	Multichannel approach to the Glauber model for heavy-ion collisions. Physical Review C, 1990, 42, 2079-2092.	2.9	14
170	Boson transition densities within the interacting-boson-model picture: Rotational limit. Physical Review C, 1989, 39, 233-235.	2.9	2
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