

Peter von Neumann-Cosel

List of Publications by Year in descending order

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257
papers

6,169
citations

87888

38
h-index

95266

68
g-index

259
all docs

259
docs citations

259
times ranked

1906
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete Electric Dipole Response and the Neutron Skin in ^{208}Pb . Physical Review Letters, 2011, 107, 062502.	7.8	418
2	Structure of the Hoyle State in ^{12}C . Physical Review Letters, 2007, 98, 032501.	7.8	371
3	Magnetic dipole excitations in nuclei: Elementary modes of nucleonic motion. Reviews of Modern Physics, 2010, 82, 2365-2419.	45.6	283
4	Nature of Low-Energy Dipole Strength in Nuclei: The Case of a Resonance at Particle Threshold in ^{208}Pb . Physical Review Letters, 2002, 89, 272502.	7.8	248
5	Electric Dipole Polarizability of ^{48}Ca and Implications for the Neutron Skin. Physical Review Letters, 2017, 118, 252501.	7.8	130
6	Photoactivation of ^{180}Tm and Its Implications for the Nucleosynthesis of Nature's Rarest Naturally Occurring Isotope. Physical Review Letters, 1999, 83, 5242-5245.	7.8	121
7	Supernova Inelastic Neutrino-Nucleus Cross Sections from High-Resolution Electron Scattering Experiments and Shell-Model Calculations. Physical Review Letters, 2004, 93, 202501.	7.8	102
8	First Measurement of Collectivity of Coexisting Shapes Based on Type II Shell Evolution: The Case of ^{96}Zr . Physical Review Letters, 2016, 117, 172503.	7.8	95
9	Pygmy dipole resonance in ^{208}Pb . Physical Review C, 2012, 85, .	2.9	88
10	Photo-induced depopulation of the ^{180}Tm isomer via low-lying intermediate states: Structure and astrophysical implications. Physical Review C, 2002, 65, .	2.9	85
11	Dipole polarizability of ^{120}Sn and nuclear energy density functionals. Physical Review C, 2015, 92, .	2.9	85
12	First Observation of the Scissors Mode in ^{196}Pt . Physical Review Letters, 1996, 76, 2029-2032.	7.8	82
13	Survey of the $(^1\pm, ^2\text{He})$ reaction on fp-shell nuclei. Physical Review C, 1990, 42, 2375-2411.	2.9	76
14	Fine structure of the E1 response in ^{140}Ce below the particle threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 390, 49-54.	4.1	76
15	Magnetic dipole response in nuclei at the N=28 shell closure: a new look. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 443, 1-6.	4.1	73
16	Pair Decay Width of the Hoyle State and its Role for Stellar Carbon Production. Physical Review Letters, 2010, 105, 022501.	7.8	73
17	Stretched proton-neutron configurations in fp-shell nuclei. Nuclear Physics A, 1994, 569, 421-440.	1.5	71
18	Gamow-Teller Strength in the Exotic Odd-Odd Nuclei ^{138}La and ^{180}Ta and Its Relevance for Neutrino Nucleosynthesis. Physical Review Letters, 2007, 98, 082501.	7.8	70

#	ARTICLE	IF	CITATIONS
19	High energy-resolution zero-degree facility for light-ion scattering and reactions at iThemba LABS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 29-39.	1.6	64
20	Fine Structure in the Energy Region of the Isoscalar Giant Quadrupole Resonance: Characteristic Scales from a Wavelet Analysis. Physical Review Letters, 2004, 93, 122501.	7.8	63
21	Excitation and decay of giant resonances in the $Ca40(e,e\alpha^{TM})$ reaction. Physical Review Letters, 1994, 72, 1994-1997.	7.8	62
22	Two-phonon $J = 1$ states in even-mass Te isotopes with $A = 122 \leq 130$. Nuclear Physics A, 1997, 620, 277-295.	1.5	62
23	Low-energy electric dipole response in ^{120}Sn . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 7-12.	4.1	62
24	Fine Structure of the Gamow-Teller Resonance in ^{90}Nb and Level Density of $1+$ States. Physical Review Letters, 2006, 96, 012502.	7.8	60
25	Where is the Scissors Mode Strength in Odd-Mass Nuclei?. Physical Review Letters, 1997, 79, 2010-2013.	7.8	58
26	Comprehensive analysis of the scissors mode in heavy even-even nuclei. Physical Review C, 1999, 59, R1851-R1854.	2.9	58
27	Low-energy dipole strength in ^{112}Sn . Physical Review C, 2014, 90, .	2.9	57
28	Parameter-free description of orbital magnetic dipole strength. Physical Review C, 2005, 71, .	2.9	55
29	High-resolution study of the Gamow-Teller strength distribution in ^{51}V measured through $^{51}V(d,2He)^{51}Ti$. Physical Review C, 2003, 68, .	2.9	53
30	Low-energy dipole-strength distributions in $^{148,150,152,154}Sm$. Nuclear Physics A, 1993, 564, 366-382.	1.5	52
31	Spin and Orbital Magnetic Quadrupole Resonances in ^{48}Ca and ^{90}Zr from 180° Electron Scattering. Physical Review Letters, 1999, 82, 1105-1108.	7.8	52
32	Low-energy photon scattering experiments of $^{151,153}Eu$, ^{163}Dy , and ^{165}Ho and the systematics of the $M1$ scissors mode in odd-mass rare-earth nuclei. Physical Review C, 2003, 67, .	2.9	52
33	Relation between the Scissors Mode and the Interacting Boson Model Deformation. Physical Review Letters, 1995, 75, 4178-4181.	7.8	50
34	Spectral statistics and the fine structure of the electric pygmy dipole resonance in $N=82$ nuclei. Nuclear Physics A, 2004, 741, 3-28.	1.5	48
35	Spin- and Parity-Resolved Level Densities from the Fine Structure of Giant Resonances. Physical Review Letters, 2007, 99, 202502.	7.8	48
36	Fine structure of the isovector giant dipole resonance in ^{208}Pb . Characteristic scales and level densities. Physical Review C, 2014, 89, .	2.9	48

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37	Giant Resonances in the Doubly Magic Nucleus ^{48}Ca from the $(e, e\epsilon^2n)$ Reaction. Physical Review Letters, 2000, 85, 2913-2916.	7.8	43
38	Gamow-Teller Strengths in the $A=14$ Multiplet: A Challenge to the Shell Model. Physical Review Letters, 2006, 97, 062502.	7.8	40
39	Change of the dipole strength distributions between the neighbouring $\hat{1}^3$ -soft nuclei ^{194}Pt and ^{196}Pt . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 554, 15-20.	4.1	39
40	Electric dipole response of ^{208}Pb from proton inelastic scattering: Constraints on neutron skin thickness and symmetry energy. European Physical Journal A, 2014, 50, 1.	2.5	39
41	Nonquenched Isoscalar Spin- M_1 Excitations in ^{13}C -Shell Nuclei. Physical Review Letters, 2015, 115, 102501.	7.8	39
42	Isovector M_1 transitions in ^{28}Si and the role of meson exchange currents. Physical Review C, 1996, 53, 127-130.	2.9	38
43	Structure and evolution of electric dipole strength in ^{204}Pb , ^{206}Pb , ^{208}Pb below the neutron emission threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 486, 279-285.	4.1	38
44	Electromagnetic strengths from inelastic proton scattering: The cases of ^{40}Ca and ^{48}Ca .	2.9	38
45	Photon scattering off ^{52}Cr : Two-phonon E_1 strength at the $N = 28$ shell closure?. Nuclear Physics A, 1998, 636, 139-155.	1.5	37
46	Complete scissors mode strength in heavy deformed odd-mass nuclei: a case study of ^{165}Ho and ^{169}Tm . Nuclear Physics A, 1999, 645, 239-261.	1.5	37
47	Systematics of the pygmy dipole resonance in stable tin isotopes from resonant photon scattering. Nuclear Physics A, 2007, 788, 385-388.	1.5	36
48	Level spacing distribution of scissors mode states in heavy deformed nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 486, 273-278.	4.1	35
49	Resonant photoexcitation of isomers. ^{115}In as a test case. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 266, 9-13.	4.1	34
50	Gamow-Teller transitions to ^{32}P studied through the $^{32}\text{S}(d, \text{He}^2)$ reaction at $E_d = 170\text{MeV}$. Physical Review C, 2004, 69, .	2.9	34
51	Resonance parameters of the first $1/2^+$ state in ^9Be and astrophysical implications. Physical Review C, 2010, 82, .	2.9	34
52	Depopulation of ^{180}Tm by Coulomb excitation and possible astrophysical consequences. Physical Review C, 1994, 50, 2198-2204.	2.9	33
53	Nature of the scissors mode in nuclei near shell closure: the tellurium isotope chain. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 532, 173-178.	4.1	33
54	Electric and magnetic dipole modes in high-resolution inelastic proton scattering at 0° . European Physical Journal A, 2019, 55, 1.	2.5	33

#	ARTICLE	IF	CITATIONS
55	<p>Dynamic strength in the</p> U		



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73	Fine structure of the giant isoscalar quadrupole resonance in ^{208}Pb observed in high-resolution (e,e'') and (p,p'') experiments. <i>Physical Review C</i> , 1997, 55, 2101-2104.	2.9	26
74	Isospin and spin-orbital structures of $J^\pi=1^+$ states excited in ^{28}Si . <i>Physical Review C</i> , 1997, 55, 1137-1145.	2.9	26
75	Magnetic dipole transitions in ^{32}S from electron scattering at 180° . <i>Physical Review C</i> , 2002, 65, .	2.9	26
76	Intermediate structure in the photoexcitation of ^{77}Se , ^{79}Br , and ^{137}Ba . <i>Physical Review C</i> , 1993, 48, 2238-2245.	2.9	25
77	Absolute calibration of low energy, thick target bremsstrahlung. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994, 338, 425-431.	1.6	25
78	Search for a low-energy resonance in ^7He with the $^7\text{Li}(d,^2\text{He})$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 639, 623-628.	4.1	25
79	Electric and magnetic dipole strength in ^{112}Sn . <i>Physical Review C</i> , 2000, 62, 112-114.	2.9	25
80	Comment on "Accelerated Emission of Gamma Rays from the 31-yr Isomer of ^{178}Hf Induced by X-Ray Irradiation". <i>Physical Review Letters</i> , 2000, 84, 2543-2543.	7.8	24
81	Spectroscopic factor of the ^7He ground state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 645, 128-132.	4.1	24
82	Deformation dependence of the isovector giant dipole resonance: The neodymium isotopic chain revisited. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 776, 133-138.	4.1	24
83	Unexpected properties of the scissors mode in the odd-mass nucleus ^{167}Er . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 375, 21-25.	4.1	23
84	Magnetic dipole and quadrupole response of nuclei, supernova physics and in-medium vector meson scaling. <i>Nuclear Physics A</i> , 1996, 606, 183-200.	1.5	23
85	Unresolved dipole strength in spectra of the $^{157}\text{Gd}(\hat{1}^3, \hat{1}^3)$ reaction. <i>Physical Review C</i> , 1998, 57, 996-999.	2.9	23
86	Common thresholds and the role of deformations in the photoexcitation of isomers. <i>Physical Review C</i> , 1992, 46, 952-960.	2.9	22
87	Search for low-lying magnetic dipole strength in the heavy odd-mass nucleus ^{165}Ho . <i>Nuclear Physics A</i> , 1992, 539, 478-486.	1.5	22
88	Resonant photon scattering on the semi-magic nucleus ^{89}Y up to 7 MeV. <i>Nuclear Physics A</i> , 1997, 620, 1-15.	1.5	22
89	The new photoactivation facility at the Stuttgart DYNAMITRON: setup, performance, and first applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 463, 26-41.	1.6	22
90	Direct evidence for an orbital magnetic quadrupole twist mode in nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 532, 179-184.	4.1	22

#	ARTICLE	IF	CITATIONS
91	Determination of the Gamow-Teller strength distribution from the odd-odd nucleus ^{50}Ti measured through $^{50}(\text{d},\text{He}^2)\text{Ti}$ and astrophysical implications. <i>Physical Review C</i> , 2005, 71, .	2.9	21
92	Fine structure of the isoscalar giant quadrupole resonance in ^{40}Ca due to Landau damping?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 698, 191-195.	4.1	21
93	The $^{115}\text{In}(\hat{1}^3, \hat{1}^3\hat{\epsilon}^2)$ reaction as a test of the quasi-particle phonon model with complex configurations in odd-mass nuclei. <i>Zeitschrift für Physik A</i> , 1995, 350, 303-309.	0.9	20
94	Dipole and quadrupole excitations in ^{88}Sr up to 6.8 MeV. <i>Physical Review C</i> , 2004, 70, .	2.9	20
95	Experimental study of the $^3\text{He}(\text{d},\text{He}^3)\text{K}^{\sim}$ and $^3\text{He}(\text{d},\text{He}^3)\text{I}^{\sim}$ reactions close to threshold. <i>Physical Review C</i> , 2007, 75, .	2.9	20
96	Low-energy magnetic dipole response in ^{56}Fe from high-resolution electron scattering. <i>Nuclear Physics A</i> , 2003, 727, 41-55.	1.5	19
97	Low-lying GT+ strength in ^{64}Co studied via the $^{64}(\text{d},\text{He}^2)\text{Co}$ reaction. <i>Physical Review C</i> , 2007, 75, .	2.9	19
98	Strength function and level density of ^{19}Pb from forward-angle proton scattering at 295 MeV. <i>Physical Review C</i> , 2016, 94, .	2.9	19
99	Low-energy isoscalar quadrupole strength in ^{40}Ca and ^{48}Ca from $(\text{p},\text{p}\hat{\epsilon}^2\text{x})$ reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 506, 247-253.	4.1	18
100	Magnetic dipole probes of the sd and pf shell crossing in the $^{36,38}\text{Ar}$ isotopes. <i>Nuclear Physics A</i> , 2007, 789, 114-124.	1.5	18
101	Isoscalar multipole strength decomposition in ^{40}Ca with the $(\text{e},\text{e}\hat{\epsilon}^2\hat{1}\pm 0)$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 352, 201-206.	4.1	17
102	A EUROBALL module at the S-DALINAC – Investigation of elementary and magnetic excitation modes. <i>Progress in Particle and Nuclear Physics</i> , 1997, 38, 213-222.	14.4	17
103	Forbidden M1 Transition in ^{32}S : A Test of Tensor Corrections to the Magnetic Dipole Operator. <i>Physical Review Letters</i> , 1999, 82, 291-294.	7.8	17
104	Measurement of the $^2\text{H}(\text{d},\text{He}^2)^2\text{n}$ reaction at $E_{\text{d}}=171\text{ MeV}$ and implications for the neutron-neutron scattering length. <i>Physical Review C</i> , 2005, 71, .	2.9	17
105	Two-phonon 1^{\sim} state in ^{112}Sn observed in resonant photon scattering. <i>Physical Review C</i> , 2006, 73, .	2.9	17
106	Evolution of the dipole polarizability in the stable tin isotope chain. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 810, 135804.	4.1	17
107	Comment on – Resonant and nonresonant contributions to the photoactivation of ^{111}In . <i>Physical Review C</i> , 1991, 44, 554-558.	2.9	16
108	Low-lying dipole strength in the $N=28$ shell-closure nucleus ^{52}Cr . <i>Physical Review C</i> , 2013, 88, .	2.9	16

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109	The rotational band on the $9\alpha^+$ isomer in ^{180}Ta . Zeitschrift für Physik A, 1996, 356, 9-10.	0.9	15
110	Calculation of neutron response functions in complex geometries with the MCNP code. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 411, 430-436.	1.6	15
111	Is the 4.742 MeV state in ^{88}Sr the $1\alpha^+$ two-phonon state?. European Physical Journal A, 2000, 7, 15-18.	2.5	15
112	One-phonon mixed-symmetry state of ^{148}Sm observed in nuclear resonance fluorescence. Physical Review C, 2005, 71, .	2.9	15
113	A silicon microstrip detector in a magnetic spectrometer for high-resolution electron scattering experiments at the S-DALINAC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 562, 320-326.	1.6	15
114	Measurement of the Reaction $^2\text{H}(\alpha, n)^4\text{He}$. Physical Review Letters, 2008, 100, 172501.	7.8	15
115	Origin of fine structure of the giant dipole resonance in ^2H and ^3He α -shell nuclei. Physical Review C, 2018, 97, .	2.9	15
116	Excitation and decay of electric giant resonances in the $^{40}\text{Ca}(e, e'x)$ and $^{40}\text{Ca}(p, p'x)$ reactions. Nuclear Physics A, 1994, 569, 373-382.	1.5	14
117	Effects of the spin-orbit and tensor interactions on M1 excitations in light nuclei. Nuclear Physics A, 1997, 627, 14-34.	1.5	14
118	Properties of the first excited state of ^9Be derived from $(^3\text{H}, n)$ and $(e, e\alpha^2)$ reactions. Physical Review C, 2014, 89, .	2.9	14
119	Search for weak M1 transitions in ^{48}Ca with inelastic proton scattering. Physical Review C, 2017, 95, .	2.9	14
120	Comprehensive Test of the Brink-Axel Hypothesis in the Energy Region of the Pygmy Dipole Resonance. Physical Review Letters, 2021, 127, 182501.	7.8	14
121	Electroexcitation of isoscalar and isovector magnetic dipole transitions in C and isospin mixing. Nuclear Physics A, 2000, 669, 3-13.	1.5	13
122	Deuteron Breakup in the $^2\text{H}(e, e\alpha^2 p)$ Reaction at Low Momentum Transfer and Close to Threshold. Physical Review Letters, 2002, 88, 202304.	7.8	13
123	Study of M1 excitations by high-resolution proton inelastic scattering experiment at forward angles. Nuclear Physics A, 2007, 788, 53-60.	1.5	13
124	Collective vibrations built on the $9\alpha^+$ high-spin isomer in ^{180}Ta . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 71-78.	4.1	12
125	Fine structure of the isovector giant dipole resonance in ^{142}Nd and ^{150}Sm . Physical Review Letters, 2002, 88, 202304.	2.9	12
126	Quasi-elastic single-nucleon transfer in $^{48}\text{Ti} + ^{42,44}\text{Ca}$ collisions well above the Coulomb barrier. Nuclear Physics A, 1990, 516, 385-415.	1.5	11

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127	Dipole excitations in the semi-magic nucleus ^{51}V studied with the $(^3\text{He}, \alpha)$ reaction. Nuclear Physics A, 1999, 660, 41-53.	1.5	11
128	Depopulation of the $J^\pi = 9^-$ isomer in ^{180}Ta to the $J^\pi = 1^+$ ground state by Coulomb excitation. European Physical Journal A, 2001, 10, 135-138.	2.5	11
129	Giant resonance spectroscopy of ^{40}Ca with the $(e, e'\alpha)$ reaction (I): Experiments and overview of results. Nuclear Physics A, 2001, 696, 272-292.	1.5	11
130	Polarized proton scattering on ^{58}Ni at small momentum transfer: A test of the microscopic optical model and effective interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 612, 165-172. http://www.w3.org/1998/Math/MathML	4.1	11
131	$\int_{-\infty}^{\infty} \langle \text{states} \dots \text{states} \rangle \text{Ca from}$		

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145	Scales in the fine structure of the magnetic dipole resonance: A wavelet approach to the shell model. Physical Review C, 2010, 81, .	2.9	9
146	Investigation of low-energy dipole modes in the heavy deformed nucleus ^{154}Sm via inelastic polarized proton scattering at zero degree. EPJ Web of Conferences, 2014, 66, 02060.	0.3	9
147	Stretched proton-neutron configurations in fp-shell nuclei. Nuclear Physics A, 1994, 569, 441-457.	1.5	8
148	Giant resonances in electron and proton scattering: strength distributions and damping mechanisms. Nuclear Physics A, 2001, 687, 132-139.	1.5	8
149	Giant resonance spectroscopy of ^{40}Ca with the $(e, e\epsilon^2x)$ reaction $\hat{A}(II)$: Multipole decomposition of $4f\epsilon$ -integrated spectra and angular correlations. Nuclear Physics A, 2001, 696, 293-316.	1.5	8
150	Fine structure of the isoscalar giant quadrupole resonance in ^{28}Si and ^{27}Al . Physical Review C, 2016, 94, .	2.9	8
151	Light-particle emission and heavy-residue formation in the fusion-like reactions $^{40}\text{Ar}+^{40}\text{Ca}$ at 15 MeV/u and $^{28}\text{Si}+^{28}\text{Si}$ at 20 MeV/u. Nuclear Physics A, 1992, 548, 525-540.	1.5	7
152	Isospin mixing in the electroexcitation of the $E_x = 10.84$ MeV, $J^\pi = 0^+$ state in ^{12}C at low momentum transfers. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 433-437.	4.1	7
153	Giant resonance spectroscopy of ^{40}Ca with the $(e, e\epsilon^2x)$ reaction (III): Direct versus statistical decay. Nuclear Physics A, 2001, 696, 317-336.	1.5	7
154	Role of knockout contributions in giant resonance studies with $(p, p\epsilon^2x)$ reactions. Physical Review C, 2001, 63, .	2.9	7
155	Strengths and transition radii difference of one-phonon $^{2+}$ states of ^{28}Si and ^{27}Al .	2.9	7
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163	Magnetic dipole strength distribution and photon interaction cross sections in ^{140}Ce . Nuclear Physics A, 2001, 690, 255-258.	1.5	5
164	Proton scattering at intermediate energies on ^{58}Ni : How well is it ratio of one-phonon transition strength to the state of ^{12}C . Physical	2.9	5
165	Precision measurement of the transition strength to the ^{12}C state of ^{12}C . Physical	2.9	5
166	transition strength to the ^{12}C state of ^{12}C . Physical	2.9	5
167	Stretched two-nucleon configurations in ^{210}Pb . Physical Review C, 1993, 47, 1027-1032.	2.9	4
168	Limiting excitation energy in fusion-evaporation reactions?. Physical Review C, 1997, 55, 1900-1905.	2.9	4
169	Dipole excitations in ^{122}Te , ^{126}Te and ^{130}Te . Zeitschrift für Physik A, 1997, 358, 197-198.	0.9	4
170	Mesonic effects deduced from good-resolution (^3He , t) reaction in comparison with inelastic scatterings. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 402, 371-377.	1.6	4
171	Giant magnetic quadrupole resonance studied with ^{180}O electron scattering. Nuclear Physics A, 1999, 649, 77-84.	1.5	4
172	l-forbidden transitions: A sensitive test of the effective magnetic dipole operator. Progress in Particle and Nuclear Physics, 2000, 44, 49-58.	14.4	4
173	Photoactivation of ^{180}Tm and s-process nucleosynthesis of nature's rarest naturally occurring isotope. Nuclear Physics A, 2001, 688, 237-240.	1.5	4
174	Comparison of a centered ^{32}P source wire system with a noncentered $^{90}\text{Sr}/\text{Y}$ brachytherapy system for intracoronary ^{125}I -radiation following PCI of diffuse in-stent restenosis. Cardiovascular Revascularization Medicine, 2005, 6, 140-146.	0.8	4
175	Do we understand the electric quadrupole strength distributions in magic nuclei?. European Physical Journal A, 2007, 31, 15-22.	2.5	4
176	New experimental method for investigation of the nucleon polarizabilities. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 618, 160-167.	1.6	4
177	Complete electric dipole response in ^{120}Sn and ^{208}Pb and implications for neutron skin and symmetry energy. Journal of Physics: Conference Series, 2015, 590, 012017.	0.4	4
178	Nucleosynthesis of nature's rarest isotope ^{180}Tm and the role of its isomeric nature. Nuclear Physics A, 2003, 719, C21-C28.	1.5	3
179	Pygmy dipole resonance in stable nuclei. Pramana - Journal of Physics, 2010, 75, 63-71.	1.8	3
180	Reactions with polarized electrons and photons at low momentum transfers at the superconducting Darmstadt electron linear accelerator Sâ€“DALINAC. Journal of Physics: Conference Series, 2011, 295, 012152.	0.4	3

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181	<p>Comment on "New formulas for the $\langle \hat{\alpha}^2 \rangle$ moment of the photoabsorption cross section, $\int \hat{\alpha}^2 d\epsilon$" Physical Review C, 2016, 93.</p> <p>High-resolution study of Gamow-Teller transitions in the ^{24}Mg nucleus</p>	2.9	3
182	<p>Gamow-Teller transitions in the ^{24}Mg nucleus</p>		

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199	The beauty of good data: Unveiling the traces of mixed symmetry. , 2012, , .		1
200	Complete dipole strength distributions in ^{208}Pb from high-resolution polarized proton scattering at 0° . Journal of Physics: Conference Series, 2012, 337, 012004.	0.4	1
201	Development of an Active $^{238}\text{UF}_6$ Gas Target. Physics Procedia, 2012, 31, 141-146.	1.2	1
202	Experimental study of the $p(d,p)\text{He}^3$ reactions close to threshold. Physical Review C, 2016, 94, .	2.9	1
203	Systematics of the electric dipole response in stable tin isotopes. EPJ Web of Conferences, 2018, 178, 03008.	0.3	1
204	Gamma Strength Functions and Level Densities from High-Resolution Proton Scattering under 0° . EPJ Web of Conferences, 2018, 178, 06002.	0.3	1
205	Reexamination of isoscalar giant resonances in ^{12}C and ^{12}Nb . Physical Review C, 2021, 104, .	2.9	1
206	A superfluid liquid helium target for low-momentum electron scattering experiments at the S-DALINAC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 957, 163418.	1.6	1
207	Investigation of the isoscalar response of ^{24}Mg to ^6Li scattering. Physical Review C, 2021, 104, .	2.9	1
208	Fine Structure of Giant Resonances: What Can Be Learned. Acta Physica Polonica B, 2019, 50, 439.	0.8	1
209	Evolution of the IVGDR and Its Fine Structure from Doubly-magic ^{40}Ca to Neutron-rich ^{48}Ca Probed Using (p,p') Scattering. Acta Physica Polonica B, 2019, 50, 461.	0.8	1
210	Search for in-band transitions in the candidate superdeformed band in ^{28}Si . Physical Review C, 2021, 104, .	1.9	1
211	Electric and magnetic giant resonances studied with electron scattering at the S-DALINAC. Nuclear Physics A, 1999, 654, 743c-746c.	1.5	0
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