

Andreas Zilges

List of Publications by Year in descending order

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275
papers

7,612
citations

44069

48
h-index

76900

74
g-index

279
all docs

279
docs citations

279
times ranked

1976
citing authors

#	ARTICLE	IF	CITATIONS
1	Photonuclear reactions – From basic research to applications. Progress in Particle and Nuclear Physics, 2022, 122, 103903.	14.4	58
2	International workshop on next generation gamma-ray source. Journal of Physics G: Nuclear and Particle Physics, 2022, 49, 010502.	3.6	12
3	Isotopic cross sections of fragmentation residues produced by light projectiles on carbon near 400 MeV . Physical Review C, 2022, 105, .	2.9	2
4	Cross-section measurements relevant for the astrophysical p process at the University of Cologne. EPJ Web of Conferences, 2022, 260, 11001.	0.3	1
5	Lifetime analysis of ^{128}Te via the Doppler-shift attenuation method. Physical Review C, 2022, 105, .	2.9	2
6	Deducing primary β -ray intensities and the dipole strength function in ^{94}Mo via radiative proton capture. Physical Review C, 2021, 103, .	2.9	4
7	Dipole response in $^{128,130}\text{Te}$ below the neutron threshold. Physical Review C, 2021, 103, .	2.9	10
8	Investigating the $^{109}\text{Ag}(p,\beta)^{110}\text{Cd}$ reaction and its underlying nuclear physics. Physical Review C, 2021, 103, .	2.9	2
9	Absolute β -decay characteristics of the ^{96}Zr scissors mode of ^{96}Zr . Physical Review C, 2021, 103, .	2.9	3
10	The structure of low-lying $1\lambda^{-}$ states in $^{90,94}\text{Zr}$ from $(\pm, \pm\beta)$ and $(p, p\beta)$ reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136210.	4.1	2
11	Low-energy excitations and γ -decay branchings in ^{124}Sn via $(p, p\beta\gamma)$ at $E_p = 15\text{ MeV}$. European Physical Journal A, 2021, 57, 1.	2.5	1
12	Classical and machine learning methods for event reconstruction in NeuLAND. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1013, 165666.	1.6	4
13	NeuLAND: The high-resolution neutron time-of-flight spectrometer for R3B at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1014, 165701.	1.6	19
14	Majorana parameters of the interacting boson model of nuclear structure and their implication for β -decay. Physical Review C, 2021, 104, .	7.8	11
15	High-sensitivity investigation of low-lying dipole strengths in ^{120}Sn . Physical Review C, 2020, 102, .	2.9	12
16	Measurement of radiative β -capture cross sections on ^{98}Ru and ^{144}Sm for β -process nucleosynthesis. Journal of Physics: Conference Series, 2020, 1668, 012036.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Accessing the Single-Particle Structure of the Pygmy Dipole Resonance in Pb208. Physical Review Letters, 2020, 125, 102503.	7.8	15
20	$\hat{I}^{\pi}K=0$ M1 Excitation Strength of the Well-Deformed Nucleus Dy164 from K Mixing. Physical Review Letters, 2020, 125, 092501.	7.8	5
21	Probing the $Z\hat{\alpha}^{-6}$ spin-orbit shell gap with (p,2p) quasi-free scattering reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135748.	4.1	2
22	Dipole response of Rb87 and its impact on the Rb86(n, \hat{I}^{π})Rb87 cross section. Physical Review C, 2020, 102, . New measurement of the $\langle \text{mml:math} \rangle$	2.9	8
23	Efficient determination of HPGe $\langle \text{mml:math} \rangle$ reaction rate for the $\langle \text{mml:math} \rangle$. Physical Review C, 2020, 101, .	1.6	8
24	Experimental techniques to study the \hat{I}^{π} process for nuclear astrophysics at the Cologne accelerator laboratory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 966, 163854.	1.6	4
25	ray efficiencies at high energies with ready-to-use simulation software. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 972, 164102.	2.9	7
26	Insights into the statistical \hat{I}^{π} -decay behavior of Cd108 via radiative proton capture. Physical Review C, 2020, 101, .	2.9	10
27	Constraining nuclear properties in Mo94 via a Nb93(p, \hat{I}^{π})Mo94 total cross section measurement. Physical Review C, 2020, 101, .	2.5	1
28	Firm spin and parity assignments for high-lying, low-spin levels in stable Si isotopes. European Physical Journal A, 2020, 56, 1. Primary $\langle \text{mml:math} \rangle$	2.9	10
29	-ray intensities and $\langle \text{mml:math} \rangle$ -strength functions from discrete two-step $\langle \text{mml:math} \rangle$ -ray cascades in radiative proton-capture experiments. Physical Review C, 2020, 101, .	0.4	0
30	Investigation of the Pygmy Dipole Resonance in photon scattering experiments. Journal of Physics: Conference Series, 2020, 1643, 012148.	0.4	0
31	Lifetime determination via the particle- \hat{I}^{π} coincidence Doppler-shift attenuation method. Journal of Physics: Conference Series, 2020, 1643, 012157. Valence-shell dependence of the pygmy dipole resonance: $\langle \text{mml:math} \rangle$	2.9	13
32	strength difference in $\langle \text{mml:math} \rangle$	1.5	8
33	Fine structure of the pygmy quadrupole resonance in 112,114Sn. Nuclear Physics A, 2019, 990, 183-198.	4.1	30
34	The concept of nuclear photon strength functions: A model-independent approach via ($\hat{I}^{\pi}\hat{\alpha}^{\pi}$, $\hat{I}^{\pi}\hat{\alpha}^{\pi}\hat{I}^{\pi}\hat{\alpha}^{\pi}$) reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 225-230.	2.5	12
35	Cross section measurements of proton capture reactions on Mo isotopes relevant to the astrophysical p process. European Physical Journal A, 2019, 55, 1.	1.5	15
36	Low-lying dipole strength in the well-deformed nucleus 156Gd. Nuclear Physics A, 2019, 987, 79-89.		

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37	High-resolution Gamma-ray Spectroscopy with ELIADe at the Extreme Light Infrastructure. Acta Physica Polonica B, 2019, 50, 329.	0.8	6
38	Study of Dipole Excitations in ^{124}Sn via $(p,p'\gamma)$ at 15 MeV. Acta Physica Polonica B, 2019, 50, 475.	0.8	1
39	Strong Neutron Pairing in core+4n Nuclei. Physical Review Letters, 2018, 120, 152504.	7.8	9
40	Reactions on Oxygen Isotopes: Observation of Isospin Independence of the Reduced Single-Particle Strength. Physical Review Letters, 2018, 120, 052501.	7.8	69
41	Physical Review C, 2018, 97, .	2.9	15
42	Investigation of the \hat{I}^3 -decay behavior of ^{52}Cr with the \hat{I}^3 setup at HIL ^3S . Journal of Physics: Conference Series, 2018, 966, 012035.	0.4	0
43	Probing the E2 properties of the scissors mode with real photons. EPJ Web of Conferences, 2018, 178, 02022.	0.3	0
44	Study of photon strength functions via $(\hat{I}^3\alpha^+, \hat{I}^3\alpha^-, \hat{I}^3\alpha^0)$ reactions at the \hat{I}^3 -setup. EPJ Web of Conferences, 2018, 178, 03006.	0.3	0
45	Multi-messenger investigation of the Pygmy Dipole Resonance in ^{140}Ce . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 16-20.	4.1	21
46	\hat{I}^3 -process reaction studies via in-beam \hat{I}^3 -ray spectroscopy at HORUS. Journal of Physics: Conference Series, 2018, 940, 012022.	0.4	0
47	Investigation of J^π states and their \hat{I}^3 -decay behavior	2.9	11
48	Shape coexistence and collective low-spin states in ^{112}Sn and ^{114}Sn studied with the \hat{I}^3		

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55	$E ²$ decay strength of the $M ¹$ scissors mode of	7.8	25
56	\hat{I}^{\pm} clustering and its connection to the E1 response of heavy nuclei. Journal of Physics: Conference Series, 2017, 863, 012063.	0.4	2
57	Experimental Studies of Nuclear Physics Input for (gamma)-Process Nucleosynthesis. , 2017, , .		0
58	First results of total and partial cross-section measurements of the $^{107}\text{Ag}(p, \hat{I}^3)^{108}\text{Cd}$ reaction. EPJ Web of Conferences, 2017, 165, 01028.	0.3	0
59	Study of nuclear physics input-parameters via high-resolution \hat{I}^3 -ray spectroscopy. EPJ Web of Conferences, 2017, 165, 01044.	0.3	0
60	Measurement of the $^{92,93,94,100}\text{Mo}(\hat{I}^3, n)$ reactions by Coulomb Dissociation. Journal of Physics: Conference Series, 2016, 665, 012034.	0.4	1
61	Nuclear astrophysics with radioactive ions at FAIR. Journal of Physics: Conference Series, 2016, 665, 012044.	0.4	9
62	Constraints on the $\hat{I}^{\pm+}$ nucleus optical-model potential via \hat{I}^{\pm} -induced reaction studies on ^{108}Cd . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 247-252.	4.1	28
63	Magnetic dipole excitations of ^{99}Cr Decay of quadrupole-octupole	2.9	25
64	^{40}Ca in ^{40}Ca and ^{40}Ca	2.9	10
65	Partial cross sections of the $^{92}\text{Mo}(p, \hat{I}^3)$ reaction and the \hat{I}^3 strength in ^{93}Tc . Physical Review C, 2016, 93, .	2.9	18
66	Systematic investigation of projectile fragmentation using beams of unstable B and C isotopes. Physical Review C, 2016, 93, .	2.9	11
67	Coulomb dissociation of ^{20}Ne Physical Review C, 2016, 93, .	2.9	8
68	The pygmy quadrupole resonance and neutron-skin modes in ^{124}Sn . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 102-107.	4.1	22
69	The decay pattern of the Pygmy Dipole Resonance of ^{140}Ce . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 756, 72-76.	4.1	39
70	Investigation of reactions relevant for the \hat{I}^3 process using in-beam \hat{I}^3 -ray spectroscopy. Journal of Physics: Conference Series, 2016, 665, 012036.	0.4	0
71	Collective excitations of ^{96}Ru by means of (p, \hat{I}^3) experiments. Physical Review C, 2015, 92, .	2.9	10
72	Study of mixed-symmetry excitations in ^{96}Ru via inelastic proton-scattering. Journal of Physics: Conference Series, 2015, 580, 012022.	0.4	1

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73	Study of the Pygmy Dipole Resonance in $(p, p\hat{\epsilon}^{\text{TM}}\hat{3})$ and $(d, p\hat{3})$ experiments with SONIC@HORUS. EPJ Web of Conferences, 2015, 93, 01053.	0.3	2
74	Decay pattern of the Pygmy Dipole Resonance in ^{140}Ce . EPJ Web of Conferences, 2015, 93, 01048.	0.3	0
75	Study of the isospin character of 1-states using hadronic probes at intermediate energies. EPJ Web of Conferences, 2015, 93, 01041.	0.3	0
76	Mixed-symmetry octupole and hexadecapole excitations in $N=52$ isotones. EPJ Web of Conferences, 2015, 93, 01047.	0.3	0
77	Octupole correlations in positive-parity states of rare-earth and actinide nuclei. EPJ Web of Conferences, 2015, 93, 01009.	0.3	0
78	The Pygmy Dipole Resonance "past, presence, and future. EPJ Web of Conferences, 2015, 93, 01028.	0.3	0
79	Experimental constraints on the $\hat{3}$ -ray strength function in ^{90}Zr using partial cross sections of the $Y89(p, \hat{3})Zr90$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 358-362.	4.1	27
80	Perspectives for photonuclear research at the Extreme Light Infrastructure - Nuclear Physics (ELI-NP) facility. European Physical Journal A, 2015, 51, 1.	2.5	56
81	Total and partial cross sections of the ^{112}Te $\hat{3}$ -ray strength function. Physical Review C, 2015, 91, 014606.	2.9	28
82	The Pygmy Dipole Resonance "status and new developments. Journal of Physics: Conference Series, 2015, 580, 012052.	0.4	3
83	The Pygmy Dipole Resonance "experimental studies of its structure and new developments. Journal of Physics: Conference Series, 2015, 590, 012006.	0.4	1
84	Lifetime measurement of excited low-spin states via the ^{116}Te $\hat{3}$ -ray strength function. Physical Review C, 2015, 91, 014606.	1.6	11
85	Origin of Low-Lying Enhanced $E1$ Strength in Rare-Earth Nuclei. Physical Review Letters, 2015, 114, 192504.	7.8	42
86	Detailed spectroscopy of quadrupole and octupole states in ^{168}Yb . Physical Review C, 2015, 91, .	2.9	9
87	The $^{106}\text{Cd}(\hat{1}\pm, \hat{1}\pm)^{106}\text{Cd}$ elastic scattering in a wide energy range for $\hat{3}$ process studies. Nuclear Physics A, 2015, 940, 194-209.	1.5	12
88	Measurement of the ^{187}Re $\hat{3}$ -ray strength function. Physical Review C, 2015, 91, 014606.	2.9	22
89	Experimental studies of reactions relevant for $\hat{3}$ -process nucleosynthesis. , 2014, , .		0
90	Cross-section measurement of the ^{130}Ba $\hat{3}$ -ray strength function. Physical Review C, 2015, 91, 014606.	2.9	16

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91	Mixed-symmetry octupole and hexadecapole excitations in the N=52 isotones. Physical Review C, 2014, 90, .	2.9	15
92	The \hat{I}^3 -ray spectrometer HORUS and its applications for nuclear astrophysics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 754, 94-100.	1.6	37
93	Efficiency determination of resistive plate chambers for fast quasi-monoenergetic neutrons. European Physical Journal A, 2014, 50, 1.	2.5	2
94	$^{13,14}\text{B}(n, \hat{I}^3)$ via Coulomb Dissociation for Nucleosynthesis towards the r-Process. Nuclear Data Sheets, 2014, 120, 197-200.	2.2	9
95	Isospin properties of electric dipole excitations in ^{48}Ca . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 288-292.	4.1	46
96	A method to correct differential nonlinearities in subranging analog-to-digital converters used for digital \hat{I}^3 -ray spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 758, 69-76.	1.6	4
97	Investigation of \hat{I}^{\pm} -induced reactions on the p nucleus. Nuclear Physics A, 2013, 916, 149-167.	1.5	35
98	Constraint on $\langle \mathbf{r} \rangle$ Matrix Elements from a Novel Decay Channel of the Scissors Mode: The Case of ^{154}Gd . Nuclear Physics A, 2013, 916, 149-167.	7.8	23
99	Evolution of dipole resonances in ^{154}Gd below 10-MeV excitation energy. Physical Review Letters, 2013, 111, 172501.	2.9	27
100	The high-efficiency spectroscopy setup at. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 723, 136-142.	1.6	48
101	Simulation and prototyping of 2m long resistive plate chambers for detection of fast neutrons and multi-neutron event identification. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 701, 86-92.	1.6	7
102	Study of the pygmy dipole resonance in ^{94}Mo using the coincidence technique. Nuclear Physics A, 2013, 906, 94-107.	1.5	22
103	Experimental studies of the Pygmy Dipole Resonance. Progress in Particle and Nuclear Physics, 2013, 70, 210-245.	14.4	348
104	CologneAMS, a dedicated center for accelerator mass spectrometry in Germany. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 18-23.	1.4	98
105	First test results of the digital data acquisition at the HORUS spectrometer. , 2013, , .		1
106	Beyond the neutron drip line: The unbound oxygen isotopes ^{25}O and ^{26}O . Physical Review C, 2013, 88, .	2.9	93
107	Low-lying dipole strength of the open-shell nucleus ^{94}Mo . Physical Review C, 2013, 88, .	2.9	37
108	Possible experimental signature of octupole correlations in the 0_2^+ -states of the actinides. Physical Review C, 2013, 88, .	2.9	24

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109	The particle-gamma coincidence method: A brief introduction. , 2013, , .		0
110	Combining $\hat{\Gamma}^3$ -ray and particle spectroscopy in Cologne. , 2013, , .		0
111	STUDY OF THE PYGMY DIPOLE RESONANCE WITH HADRONIC AND ELECTROMAGNETIC PROBES. , 2013, , .		0
112	Title is missing!. Acta Physica Polonica B, 2012, 43, 319.	0.8	1
113	Title is missing!. Acta Physica Polonica B, 2012, 43, 333.	0.8	1
114	Possible experimental evidence for the presence of double octupole states in [sup 240]Pu. , 2012, , . Investigation of the reaction $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 74 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td} \langle \text{xmlns:mml} \rangle$		0
115		2.9	29
116	Systematic Study of the Pygmy Dipole Resonance. Journal of Physics: Conference Series, 2012, 366, 012012.	0.4	8
117	Investigation of $\hat{\Gamma}^{\pm}$ -nuclear potential families from elastic scattering experiments. Journal of Physics: Conference Series, 2012, 337, 012030.	0.4	0
118	Prototyping a 2m $\hat{\text{A}}$ – 0.5m MRPC-based neutron TOF-wall with steel converter plates. Journal of Instrumentation, 2012, 7, P11030-P11030.	1.2	3
119	The Nuclear Resonance Fluorescence Method. Landolt-B $\hat{\text{a}}$ $\hat{\text{s}}$ $\hat{\text{a}}$,rnstein - Group I Elementary Particles, Nuclei and Atoms, 2012, , 9-26.	0.2	0
120	Structure of the pygmy dipole resonance in $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 124 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{Sn}$. Physical Review C, 2012, 85, .	2.9	56
121	A novel decay channel of the 1+scissors mode: coupling to the vibrational $\hat{\Gamma}^2$ -excitation. EPJ Web of Conferences, 2012, 38, 10004.	0.3	0
122	Low-spin excitations in 146Sm. European Physical Journal A, 2012, 48, 1.	2.5	26
123	Study of the pygmy dipole resonance in the interacting boson approximation framework. Physical Review C, 2012, 85, .	2.9	10
124	NeuLAND MRPC-based detector prototypes tested with fast neutrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S145-S148.	1.6	10
125	Splitting of the Pygmy Dipole Resonance. Journal of Physics: Conference Series, 2011, 312, 092055.	0.4	1
126	Fragmentation and systematics of the pygmy dipole resonance in the stable $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 82 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{isotope}$ Physical Review C, 2011, 84, .	2.9	79

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127	Prototyping and tests for an MRPC-based time-of-flight detector for 1GeV neutrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 79-87.	1.6	11
128	Nuclear physics experiments for the astrophysical p process. Progress in Particle and Nuclear Physics, 2011, 66, 363-367.	14.4	3
129	The electron-ion scattering experiment ELiSe at the International Facility for Antiproton and Ion Research (FAIR) – A conceptual design study. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 637, 60-76.	1.6	85
130	The Darmstadt High-Intensity Photon Setup (DHIPS) at the S-DALINAC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 640, 6-12.	1.6	61
131	Experiments for the astrophysical p process with the in-beam method. , 2011, , .		1
132	Investigation of octupole vibrational states in ^{150}Nd via inelastic proton scattering ($p, p\alpha^2\hat{1}^3$). Physical Review C, 2011, 84, .	2.9	12
133	Determination of $\langle \mathcal{M}(E3) \rangle$ for ^{150}Nd via inelastic proton scattering ($p, p\alpha^2\hat{1}^3$). Physical Review C, 2011, 84, .	2.9	60
134	Investigation of low-lying electric dipole strength in the semimagic nucleus ^{44}Ca . Physical Review C, 2011, 83, .	2.9	41
135	Splitting of the Pygmy Dipole Resonance. , 2011, , .		0
136	In-beam experiments on ($p, p\alpha^2\hat{1}^3$) and ($\alpha, \hat{1}^3$) reactions for the astrophysical p process. Journal of Physics: Conference Series, 2010, 202, 012005.	0.4	11
137	The low-energy photon tagger NEPTUN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 613, 232-239.	1.6	30
138	Isospin Character of the Pygmy Dipole Resonance in ^{124}Sn . Physical Review Letters, 2010, 105, 212503.	7.8	160
139	Investigation of photodisintegration reactions for the p-process reaction network. , 2009, , .		0
140	Systematics and fragmentation of low-lying electric dipole strength. , 2009, , .		0
141	Study of the Pygmy Dipole Resonance in ^{124}Sn by means of the ($\hat{1}^{\pm}, \hat{1}^{\pm}\hat{1}^3$) reaction. , 2009, , .		2
142	Splitting of the pygmy dipole resonance in ^{138}Ba and ^{140}Ce . Physical Review C, 2009, 79, .	2.9	74
143	Investigation of photoneutron reactions on ^{192}Os and $^{191,193}\text{Ir}$ at energies of relevance for the astrophysical p process. Physical Review C, 2009, 79, .	2.9	10
144	Competition between excited core states and ^{192}Os and $^{191,193}\text{Ir}$ at energies of relevance for the astrophysical p process. Physical Review C, 2009, 79, .	4.1	28

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145	<code>cision<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Y</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>89</mml:mn></mml:mrow></mml:mmultiscripts></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo</code>		

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163	Nature of the Pygmy Dipole Resonance in ^{140}Ce Studied in $(\hat{1}\pm, \hat{1}\pm \rightarrow \hat{2}\hat{1}\pm)$ Experiments. Physical Review Letters, 2006, 97, 172502.	7.8	130
164	High resolution γ -spectroscopy at the Big-Bite Spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 564, 267-274.	1.6	26
165	Direct determination of photodisintegration cross sections and the p-process. Nuclear Physics A, 2006, 777, 459-478.	1.5	48
166	The photoresponse of stable nuclei below 10 MeV. Nuclear Physics A, 2006, 779, 1-20.	1.5	131
167	Photodissociation of neutron deficient nuclei. European Physical Journal A, 2006, 27, 149-152.	2.5	4
168	Study of the $^{106}\text{Cd}(\hat{1}\pm, \hat{1}\pm)106\text{Cd}$ scattering at energies relevant to the p-process. European Physical Journal A, 2006, 27, 197-200.	2.5	20
169	The Photoresponse of Atomic Nuclei: Collective Excitations and Photodissociation. AIP Conference Proceedings, 2006, , .	0.4	0
170	$\text{Re}187(\hat{1}\pm, n)$ cross section close to and above the neutron threshold. Physical Review C, 2006, 73, .	2.9	15
171	Low-lying dipole modes in vibrational nuclei studied by photon scattering. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, R217-R252.	3.6	134
172	Collective excitations close to the particle threshold. Progress in Particle and Nuclear Physics, 2005, 55, 408-416.	14.4	22
173	A comprehensive study of the $^{106}\text{Cd}(\hat{1}\pm, \hat{1}\pm)110\text{Sn}$ reaction at energies relevant to the p-process. Nuclear Physics A, 2005, 758, 517-520.	1.5	16
174	Nuclear astrophysics with real photons. Nuclear Physics A, 2005, 758, 521-524.	1.5	0
175	Parity assignments in $^{172,174}\text{Yb}$ using polarized photons and the quantum number in rare earth nuclei. Physical Review C, 2005, 71, .	2.9	27
176	Elastic $\hat{1}\pm$ scattering on ^{112}Sn and ^{124}Sn at astrophysically relevant energies. Physical Review C, 2005, 71, .	2.9	44
177	Octupole collectivity in the Sm isotopes. Physical Review C, 2005, 72, .	2.9	32
178	Microscopic Nature of the Pygmy Dipole Resonance: The Stable Ca Isotopes. Physical Review Letters, 2004, 93, 192501.	7.8	125
179	Collective excitations close to the particle threshold. Nuclear Physics A, 2004, 731, 249-255.	1.5	28
180	Systematic study of $(\hat{1}\pm, n)$ reaction rates for $Z \approx 3/4$ isotopes. Physical Review C, 2004, 70, .	2.9	27

#	ARTICLE	IF	CITATIONS
181	ELECTRIC DIPOLE EXCITATIONS CLOSE TO THE PARTICLE THRESHOLD. , 2004, , .		0
182	Photoreactions in nuclear astrophysics. Nuclear Physics A, 2003, 718, 243-246.	1.5	9
183	Determination of the $(n, \hat{1}^3)$ reaction rate of unstable ^{185}W in the astrophysical s-process via its inverse reaction. Nuclear Physics A, 2003, 718, 533-535.	1.5	3
184	Determination of $(\hat{1}^3, n)$ reaction rates for the astrophysical $\hat{1}^3$ process. Nuclear Physics A, 2003, 718, 575-577.	1.5	4
185	$\hat{1}^\pm$ -nucleus potentials and photon-induced nucleosynthesis. Nuclear Physics A, 2003, 718, 578-580.	1.5	3
186	E1 strength in $N = 82$ nuclei. Nuclear Physics A, 2003, 719, C308-C311.	1.5	19
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