

Sunniva Siem

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3482899/publications.pdf>

Version: 2024-02-01

256
papers

5,797
citations

66234

42
h-index

110170

64
g-index

262
all docs

262
docs citations

262
times ranked

1781
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction of level density and \hat{I}^3 strength function from primary \hat{I}^3 spectra. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 447, 498-511.	0.7	226
2	Ground-State Band and Deformation of the Z=102 Isotope N254o. Physical Review Letters, 1999, 82, 509-512.	2.9	191
3	Critical temperature for quenching of pair correlations. Physical Review C, 2001, 63, .	1.1	128
4	Radiative strength functions in Mo93 \hat{a} 98. Physical Review C, 2005, 71, .	1.1	119
5	Analysis of possible systematic errors in the Oslo method. Physical Review C, 2011, 83, .	1.1	118
6	Large Enhancement of Radiative Strength for Soft Transitions in the Quasicontinuum. Physical Review Letters, 2004, 93, 142504.	2.9	103
7	Entry Distribution, Fission Barrier, and Formation Mechanism of N102254o. Physical Review Letters, 2000, 84, 3542-3545.	2.9	102
8	Shape Coexistence in Light Se Isotopes: Evidence for Oblate Shapes. Physical Review Letters, 2008, 100, 102502.	2.9	100
9	Strengths in \hat{I}^3 Spectroscopic Quadrupole Moments in \hat{I}^3 Sn. Physical Review Letters, 2014, 112, 162701.	2.9	97
10	Shape Coexistence in the Neutron-Deficient Even-Even \hat{I}^3 Hg. Physical Review Letters, 2014, 112, 162701.	2.9	96
11	Observation of Thermodynamical Properties in the \hat{I}^3 Dy, \hat{I}^3 Er, and \hat{I}^3 Yb Nuclei. Physical Review Letters, 1999, 83, 3150-3153.	2.9	87
12	Spectroscopy and single-particle structure of the odd- Z heavy elements \hat{I}^3 Lr, \hat{I}^3 Md and \hat{I}^3 Es. European Physical Journal A, 2006, 30, 397-411.	1.0	87
13	\hat{I}^3 -ray strength function and pygmy resonance in rare earth nuclei. Physical Review C, 2001, 63, .	1.1	85
14	IAEA Photonuclear Data Library 2019. Nuclear Data Sheets, 2020, 163, 109-162.	0.7	85
15	Evidence for Shape Coexistence in Neutron-Rich Strontium Isotopes at \hat{I}^3 Sr. Physical Review Letters, 2014, 112, 162701.	2.9	79
16	Octupole Correlations in the Pu Isotopes: From Vibration to Static Deformation?. Physical Review Letters, 1999, 83, 2143-2146.	2.9	74
17	Reference database for photon strength functions. European Physical Journal A, 2019, 55, 1.	1.0	74
18	Thermal properties and radiative strengths in Dy160,161,162. Physical Review C, 2003, 68, .	1.1	70

#	ARTICLE	IF	CITATIONS
19	Enhancement in \hat{I}^3 Physical Review Letters, 2013, 111, 242504.	2.9	66
20	Evolution of the pygmy dipole resonance in Sn isotopes. Physical Review C, 2011, 83, .	1.1	64
21	Thermal and electromagnetic properties of ^{166}Er and ^{167}Er . Physical Review C, 2001, 63, .	1.1	62
22	Observation of Large Scissors Resonance Strength in Actinides. Physical Review Letters, 2012, 109, 162503.	2.9	62
23	Scissors resonance in the quasicontinuum of Th, Pa, and U isotopes. Physical Review C, 2014, 89, .	1.1	62
24	Direct Decay from the Superdeformed Band to the Yrast Line in ^{152}Dy . Physical Review Letters, 2002, 88, 042501.	2.9	61
25	Level densities and thermodynamical quantities of heated ^{93}Zr isotopes. Physical Review C, 2006, 73, .	1.1	60
26	Isospin Character of Low-Lying Pygmy Dipole States in ^{208}Pb via Nuclear Level Densities and \hat{I}^3 -ray strength functions. Physical Review C, 2007, 76, .	2.9	59
27	Isospin Character of Low-Lying Pygmy Dipole States in ^{44}Sc and ^{45}Sc . Physical Review C, 2007, 76, .	1.1	57
28	Pygmy dipole resonance in ^{124}Sn populated by inelastic scattering of ^{17}O . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 519-523.	1.5	57
29	Angular momentum generation in nuclear fission. Nature, 2021, 590, 566-570.	13.7	57
30	Validity of the Generalized Brink-Axel Hypothesis in ^{238}Np . Physical Review Letters, 2016, 116, 012502.	2.9	55
31	Constant-temperature level densities in the quasicontinuum of Th and U isotopes. Physical Review C, 2013, 88, .	1.1	54
32	Structure of the Odd-A, Shell-Stabilized Nucleus ^{102}Sb . Physical Review Letters, 2005, 95, 032501.	2.9	53
33	Experimental Neutron Capture Rate Constraint Far from Stability. Physical Review Letters, 2016, 116, 242502.	2.9	53
34	Measurement of the Sign of the Spectroscopic Quadrupole Moment for the 21^+ State in ^{70}Se : No Evidence for Oblate Shape. Physical Review Letters, 2007, 98, 072501.	2.9	52
35	Level densities and \hat{I}^3 -ray strength functions in Sn isotopes. Physical Review C, 2010, 81, .	1.1	50
36	Collective nature of low-lying excitations in ^{70}Zn and ^{72}Zn from lifetime measurements using the AGATA spectrometer demonstrator. Physical Review C, 2013, 87, .	1.1	50

#	ARTICLE	IF	CITATIONS
37	Transitional \hat{I}^3 -strength in Cd isotopes. Physical Review C, 2013, 87, .	1.1	48
38	First evidence for triaxial superdeformation in ^{168}Hf . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 506, 39-44.	1.5	46
39	Level densities and \hat{I}^3 -strength functions in $^{148,149}\text{Sm}$. Physical Review C, 2002, 65, .	1.1	46
40	Microcanonical entropies and radiative strength functions of $^{150,151}\text{Sm}$. Physical Review C, 2006, 73, .	1.1	46
41	Level densities and \hat{I}^3 -ray strength functions in $^{170,171,172}\text{Yb}$. Physical Review C, 2004, 70, .	1.1	45
42	Spectroscopy of ^{253}No and its daughters. Nuclear Physics A, 2011, 852, 15-35.	0.6	45
43	\hat{I}^3 -strength functions in ^{60}Ni from two-step cascades following proton capture. Physical Review C, 2010, 81, .	1.1	41
44	Verification of detailed balance for \hat{I}^3 absorption and emission in Dy isotopes. Physical Review C, 2018, 98, .	1.1	40
45	Isomeric states in ^{253}No . European Physical Journal A, 2007, 32, 245-250.	1.0	38
46	Electric quadrupole moments of the ^{100}Cd and ^{102}Cd isotopes. Physica	1.1	38
47	Experimental level densities of atomic nuclei. European Physical Journal A, 2015, 51, 1.	1.0	38
48	Thermodynamic properties of ^{56}Fe and ^{57}Fe . Physical Review C, 2008, 78, .	1.1	37
49	Nuclear excitations at constant temperature. Physical Review C, 2009, 79, .	1.1	37
50	Galactic production of ^{138}La : Impact of $^{138,139}\text{La}$ statistical properties. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 268-272.	1.5	37
51	Interplay between octupole and quasiparticle excitations in ^{178}Hg and ^{180}Hg . Physical Review C, 2000, 62, .	1.1	36
52	Level density and \hat{I}^3 -ray strength function in the odd-odd ^{238}U nucleus. Physica	1.1	36
53	\hat{I}^3 -strength functions in ^{238}U reaction via the simultaneous measurement of d -decay and fission	1.1	35
54	Evidence for octupole correlations in $^{124,125}\text{Ba}$. Physical Review C, 2005, 72, .	1.1	34

#	ARTICLE	IF	CITATIONS
55	Level density and \hat{I}^3 -decay properties of closed shell Pb nuclei. Physical Review C, 2009, 79, . Strong Neutron- \hat{I}^3 Competition above the Neutron Threshold in the Decay of	1.1	34
56	Decay of ^{209}Po	2.9	34
57	Experimental determination of the excitation energy of superdeformed bands in $^{192,194}\text{Hg}$ by analysis of the decay quasicontinuum \hat{I}^3 rays. Physical Review Letters, 2018, 121, 192501.	2.9	34
58	Entropy in hot $^{161,162}\text{Dy}$ and $^{171,172}\text{Yb}$ nuclei. Physical Review C, 2000, 62, .	1.1	33
59	states in ^{209}Po	1.1	33
60	Low-energy Coulomb excitation of ^{90}Sr populated via ^{90}Zr beams. Physical Review C, 2016, 94, .	1.1	33
61	Energy shifted level densities in rare earth region. Physical Review C, 2000, 61, .	1.1	32
62	First observation of excited structures in neutron-deficient ^{179}Hg : evidence for multiple shape coexistence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 528, 221-227.	1.5	32
63	High-K, $t_{1/2} = 1.4(1)$ ms, isomeric state in ^{255}Lr . Physical Review C, 2008, 78, .	1.1	32
64	Entropy of thermally excited particles in nuclei. Physical Review C, 2001, 63, .	1.1	31
65	Level densities in $^{56,57}\text{Fe}$ and $^{96,97}\text{Mo}$. Physical Review C, 2003, 68, .	1.1	31
66	Evidence for the pair-breaking process in ^{116}Sn	1.1	31
67	\hat{I}^3 -ray strength functions of ^{73}Ge	1.1	31
68	Breaking of nucleon Cooper pairs at finite temperature in $^{93-98}\text{Mo}$. Physical Review C, 2006, 74, .	1.1	30
69	Level density and thermodynamic properties of dysprosium isotopes. Physical Review C, 2012, 85, . Anomalies in the Charge Yields of Fission Fragments from the	1.1	30
70	^{238}U stretchy = "false" (n, f) Tj ET Qq 0 0 0 rg BT /Overlock	2.9	30
71	Experimental determination of the excitation energy of superdeformed bands in $^{192,194}\text{Hg}$ by analysis of the decay quasicontinuum \hat{I}^3 rays. Physical Review C, 2000, 62, .	1.1	29
72	Radiative strength functions in ^{163}Dy and ^{164}Dy	1.1	29

#	ARTICLE	IF	CITATIONS
73	Heat capacity and pairing transition in nuclei. Physical Review C, 2001, 64, .	1.1	28
74	Examination of the low-energy enhancement of the \hat{I}^3 -ray strength function of ^{56}Fe . Physical Review C, 2018, 97, .	1.1	28
75	Strength of \hat{I}^3 -decay and its robustness within the shell model. Physical Review C, 2018, 97, .	1.1	28
76	Free energy and criticality in the nucleon pair breaking process. Physical Review C, 2003, 68, .	1.1	27
77	Level density of ^{56}Fe and low-energy enhancement of \hat{I}^3 -strength function. Physical Review C, 2006, 74, .	1.1	27
78	Detailed spectroscopy of ^{249}Fm . Physical Review C, 2006, 74, . Comparative measurement of prompt fission \hat{I}^3 -ray emission from fast-neutron-induced fission of ^{235}U .	1.1	26
79	Shell evolution beyond ^{40}N .	1.1	26
80	Radiative Width of the Hoyle State from ^{69}Cu .	1.1	26
81	\hat{I}^3 -Ray Spectroscopy. Physical Review Letters, 2020, 125, 182701.	2.9	26
82	Low-energy M1 excitation mode in ^{172}Yb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 225-230.	1.5	25
83	Competition between collective and noncollective excitation modes at high spin in ^{124}Ba . Physical Review C, 2006, 74, . Multitude of 2^+ states in ^{124}Sn .	1.1	25
84	2^+ states in ^{124}Sn observed via the \hat{I}^3 -ray spectroscopy.		

#	ARTICLE	IF	CITATIONS
91	Experimental First Order Pairing Phase Transition in Atomic Nuclei. Journal of Physics: Conference Series, 2015, 580, 012048.	0.3	22
92	Complex band structure in neutron-deficient ¹⁷⁸ Hg. Physical Review C, 1999, 61, .	1.1	21
93	High-spin collective structures in ¹⁷⁸ Pt. Physical Review C, 2000, 61, .	1.1	21
94	Identification of the $\pi = 10 + \gamma$ rotational state in ²⁴ Gd. Physical Review Letters, 2001, 87, 142502.	2.9	21
95	Fermi's golden rule applied to the β^3 decay in the quasicontinuum of ⁴⁶ Ti. Physical Review C, 2011, 83, .	1.1	21
96	Statistical properties of β^3 decay in the quasicontinuum of ²⁴³ Pu. Physical Review C, 2017, 95, 014305.	1.1	21
97	Low-energy enhancement and fluctuations of β^3 -ray strength functions in ^{56,57} Fe: test of the Brink-Axel hypothesis. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 064005.	1.4	21
98	Quasicontinuum β^3 decay of ⁹¹ Zr. Physical Review C, 2017, 95, 014305.		

#	ARTICLE	IF	CITATIONS
109	Minimization of actinide waste by multi-recycling of thoriated fuels in the EPR reactor. Annals of Nuclear Energy, 2011, 38, 2619-2624.	0.9	16
110	Indirect ($n, \hat{\Gamma}^3$) cross sections of thorium cycle nuclei using the surrogate method. Physical Review C, 2012, 85, .	1.1	16
111	Pygmy resonance and low-energy enhancement in the γ -ray strength functions of Pd isotopes. Physical Review C, 2014, 90, .	1.1	16
112	Simultaneous Determination of Neutron-Induced Fission and Radiative Capture Cross Sections from Decay Probabilities Obtained with a Surrogate Reaction. Physical Review Letters, 2020, 125, 122502.	2.9	16
113	Photoneutron cross sections constrained with statistical decay properties of ^{139}La . Physical Review Letters, 2020, 125, 122502.	1.1	15
114	Photoneutron cross sections for Ni isotopes: Toward understanding $n(\gamma)$ cross sections relevant to weak s -process nucleosynthesis. Physical Review C, 2018, 98, .	1.1	15
115	Re-estimation of ^{180}Ta nucleosynthesis in light of newly constrained reaction rates. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 791, 403-408.	1.5	15
116	Level density and γ -ray strength in $^{27,28}\text{Si}$. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 263-277.	1.4	14
117	Half-life and excitation energy of the ^{109}Sn isotope. Physical Review C, 2012, 86, .	1.1	14
118	Excitation strengths in ^{109}Sn . Physical Review C, 2012, 86, .	1.1	14
119	Primary γ -ray spectra in ^{44}Ti of astrophysical interest. Physical Review C, 2012, 85, .	1.1	14
120	Coulomb excitation of ^{107}Sn . European Physical Journal A, 2012, 48, 1.	1.0	14
121	Extreme nonstatistical effects in $\hat{\Gamma}^3$ decay of ^{95}Mo neutron resonances. Physical Review C, 2013, 88, .	1.1	14
122	Completing the nuclear reaction puzzle of the nucleosynthesis of ^{92}Mo . Physical Review C, 2016, 94, .	1.1	14
123	Independent normalization for γ -ray strength functions: The shape method. Physical Review C, 2021, 104, .	1.1	14
124	Comprehensive Test of the Brink-Axel Hypothesis in the Energy Region of the Pygmy Dipole Resonance. Physical Review Letters, 2021, 127, 182501.	2.9	14
125	High-spin states in ^{179}Au : Spectroscopy of shape-driving orbitals beyond the neutron midshell. Physical Review C, 2004, 69, .	1.1	13
126	Charged particle feeding of hyperdeformed nuclei in the $A=118$ region. Physica Scripta, 2006, T125, 108-114.	1.2	13

#	ARTICLE	IF	CITATIONS
127	Level densities and thermodynamical properties of Pt and Au isotopes. Physical Review C, 2014, 90, .	1.1	13
128	Shell-gap-reduced level densities in Y . Physical Review C, 2014, 90, .	1.1	13
129	Electromagnetic properties of low-lying states in neutron-deficient Hg isotopes: Coulomb excitation of ^{182}Hg , ^{184}Hg , ^{186}Hg and ^{188}Hg . European Physical Journal A, 2019, 55, 1.	1.0	13
130	First application of the Oslo method in inverse kinematics. European Physical Journal A, 2020, 56, 1.	1.0	13
131	Coulomb excitation of the odd-odd isotopes ^{106}In , ^{108}In . European Physical Journal A, 2010, 44, 355-361.	1.0	12
132	Nature of low-lying electric dipole resonance excitations in ^{74}Ge . Physical Review C, 2016, 94, .		12
133	Structure of low-lying states in ^{140}Sm studied by Coulomb excitation. Physical Review C, 2016, 93, .	1.1	12
134	Test of the generalized Brink-Axel hypothesis in ^{64}Ni . Physical Review C, 2018, 98, .	1.1	12
135	Model for pairing phase transition in atomic nuclei. Physical Review C, 2002, 66, .	1.1	11
136	Level densities of ^{44}Sc and ^{47}Ti from different experimental techniques. Physical Review C, 2008, 77, .	1.1	11
137	Two-Particle Separation Energy Trends in the Superdeformed Well. Physical Review Letters, 2010, 104, 162501.	2.9	11
138	A new fission-fragment detector to complement the CACTUS-SiRi setup at the Oslo Cyclotron Laboratory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 738, 6-12.	0.7	11
139	$\hat{\Gamma}^3$ decay from the quasicontinuum of $^{197,198}\text{Au}$. Physical Review C, 2015, 91, .	1.1	11
140	Population and decay of superdeformed nuclei probed by discrete and quasi-continuum $\hat{\Gamma}^3$ -ray spectroscopy. Progress in Particle and Nuclear Physics, 2016, 89, 137-186.	5.6	11
141	Fine Structure in the alpha decays of ^{226}U and ^{230}Pu . European Physical Journal A, 1999, 6, 269-273.	1.0	10
142	Lifetime measurement for the 21^+ state in ^{140}Sm and the onset of collectivity in neutron-deficient Sm isotopes. Physical Review C, 2015, 92, .	1.1	10
143	Investigating the $\hat{\Gamma}^3$ decay of ^{65}Ni from particle- $\hat{\Gamma}^3$ coincidence data. Physical Review C, 2017, 96, .	1.1	10
144	Energy dependence of the prompt $\hat{\Gamma}^3$ -ray emission from the (d,p)-induced fission of ^{234}U and ^{240}Pu . Physical Review C, 2017, 96, .	1.1	10

#	ARTICLE	IF	CITATIONS
145	Lifetimes of excited states in triaxially deformed 107Tc and 109,111,113Rh. European Physical Journal A, 2018, 54, 1.	1.0	9
146	Restricted spin-range correction in the Oslo method: The example of nuclear level density and strength function from \hat{I}^3 -ray	1.1	9
147	reaction rate relevant to \hat{I}^3 -ray	1.1	9
148	Nuclear level densities and \hat{I}^3 -ray strength functions of Ta180,181,182. Physical Review C, 2019, 99, .	1.1	8
149	Strong enhancement of level densities in the crossover from spherical to deformed neodymium isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136206.	1.5	8
150	Investigating the predicted breathing-mode excitation of the Hoyle state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136928.	1.5	8
151	Measurement and analysis of quadruple (\hat{I}^3) angular correlations for high spin states of 24Mg. Nuclear Physics A, 2001, 682, 22-27.	0.6	7
152	Study of the soft dipole modes in ^{140}Ce via inelastic scattering of ^{17}O . Physica Scripta, 2014, 89, 054016.	1.2	7
153	Updated Photonuclear Data Library and Database for Photon Strength Functions. EPJ Web of Conferences, 2015, 93, 06004.	0.1	7
154	A recoverable gas-cell diagnostic for the National Ignition Facility. Review of Scientific Instruments, 2016, 87, 11D825.	0.6	7
155	Method for Detection of Nuclear-Plasma Interactions in a ^{134}Xe -Doped Exploding Pusher at the National Ignition Facility. Plasma and Fusion Research, 2016, 11, 3401075-3401075.	0.3	7
156	Statistical properties of the well deformed Sm153,155 nuclei and the scissors resonance. Physical Review C, 2021, 103, .	1.1	7
157	Level density and thermal properties in rare earth nuclei. Physics of Atomic Nuclei, 2001, 64, 1186-1193.	0.1	6
158	Octupole signatures in 124,125Ba. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1729-S1733.	1.4	6
159	Lifetime Measurements of Zn Isotopes Around ^{40}Zn . Acta Physica Polonica B, 2013, 44, 375.	0.3	6
160	Observation of Large Orbital Scissors Strength in Actinides. Acta Physica Polonica B, 2013, 44, 567.	0.3	6
161	Experimental constraints on the \hat{I}^3 -ray reaction rate.	1.1	6
162	Angular momentum limit of Hf isotopes produced in three fusion-evaporation reactions. Nuclear Physics A, 2001, 689, 655-667.	0.6	5

#	ARTICLE	IF	CITATIONS
163	Determination of the electromagnetic character of soft dipole modes solely based on quasicontinuous \hat{I}^3 spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 497, 350-358.	0.7	5
164	Coulomb excitation of ^{107}In . Physical Review C, 2013, 87, .	1.1	5
165	Benchmarking the extraction of statistical neutron capture cross sections on short-lived nuclei for applications using the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Oslo method. Physical Review C, 2019, 100, .	1.1	5
166	$\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Co} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 69 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle , \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 71 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle$ -decay strength distributions from total absorption spectroscopy. Physical Review C, 2019, 100, .	1.1	5
167	Entry distribution of ^{220}Th : A method to determine the fission barrier of an unstable nucleus. Nuclear Physics A, 2001, 682, 458-463.	0.6	4
168	Lifetime Measurements and Coulomb Excitation of Light Hg Nuclei. , 2009, , .		4
169	Onset of collectivity in neutron-rich Sr and Kr isotopes: Prompt spectroscopy after Coulomb excitation at REX-ISOLDE, CERN. EPJ Web of Conferences, 2013, 62, 01003.	0.1	4
170	Probing collectivity in Zn isotopes with one particle or hole outside the $N=40$ subshell closure. Physical Review C, 2015, 91, .	1.1	4
171	Upbend and M1 Scissors Mode in Neutron-rich Nuclei — Consequences for r-process (n, γ) Reaction Rates. Acta Physica Polonica B, 2015, 46, 509.	0.3	4
172	Lifetime measurements in ^{138}Nd . Physical Review C, 2018, 97, .	1.1	4
173	The Oslo Cyclotron Laboratory. European Physical Journal Plus, 2021, 136, 1.	1.2	4
174	Excitation energy dependence of prompt fission $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -ray emission from $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Pu} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 241 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle * \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$. Physical Review C, 2021, 103, .	1.1	4
175	Khindrance in primary \hat{I}^3 decay after thermal and average resonance neutron capture. Physical Review C, 1997, 55, 1805-1809.	1.1	3
176	Bulk properties of iron isotopes. Physics of Atomic Nuclei, 2007, 70, 1634-1639.	0.1	3
177	Lifetime measurements on fission fragments in the $A \hat{\approx} 100$ region. EPJ Web of Conferences, 2013, 62, 01002.	0.1	3
178	Neutron-induced cross sections of actinides via the surrogate-reaction method. EPJ Web of Conferences, 2013, 62, 08002.	0.1	3
179	Observation of low-lying resonances in the quasicontinuum of $^{195,196}\text{Pt}$ and enhanced astrophysical reaction rates. EPJ Web of Conferences, 2015, 93, 01039.	0.1	3
180	Spectroscopy of Low-lying States in ^{140}Sm . Acta Physica Polonica B, 2015, 46, 607.	0.3	3

#	ARTICLE	IF	CITATIONS
181	Photoneutron Cross-section Measurements for ^{165}Ho by the Direct Neutron-Multiplicity Sorting at NewSUBARU. Acta Physica Polonica B, 2019, 50, 487. Multiprobe study of excited states in C^{12}	0.3	3
182	Disentangling the sources of monopole strength between the energy of the Hoyle state and E_x	1.1	3
183	Investigation of the radiative strength function. Nuclear Instruments & Methods in Physics Research B, 2005, 241, 180-184.	0.6	2
184	Nuclear thermodynamics below particle threshold. AIP Conference Proceedings, 2005, , .	0.3	2
185	Level densities and radiative strength functions. , 2009, , .		2
186	Properties of warm nuclei in the quasi-continuum. EPJ Web of Conferences, 2010, 2, 04001.	0.1	2
187	Gamma-ray strength functions and their relation to astrophysics. , 2011, , . Equilibrium and pre-equilibrium processes in the Mn		2
188			

#	ARTICLE	IF	CITATIONS
199	Experimental Study of Level Density and $\hat{\Gamma}^3$ -strength Functions from Compound Nuclear Reactions. AIP Conference Proceedings, 2008, , .	0.3	1
200	Nuclear Data for Reactor Physics: Cross sections and level densities in the actinide region. EPJ Web of Conferences, 2010, 2, 12001.	0.1	1
201	Two-Particle Separation Energies in the Superdeformed Well. Journal of Physics: Conference Series, 2011, 312, 092065.	0.3	1
202	Level Densities in the actinide region and indirect n, γ cross section measurements using the surrogate method. EPJ Web of Conferences, 2012, 21, 01003.	0.1	1
203	Onset of collectivity in $^{96,98}\text{Sr}$ studied via Coulomb excitation. EPJ Web of Conferences, 2014, 66, 02021.	0.1	1
204	Statistical gamma-ray emission of gold and its astrophysical implications. EPJ Web of Conferences, 2014, 66, 02041.	0.1	1
205	Scissors strength in the quasi-continuum of actinides. EPJ Web of Conferences, 2014, 66, 02044.	0.1	1
206	First evidence of low energy enhancement in Ge isotopes. EPJ Web of Conferences, 2015, 93, 04003.	0.1	1
207	Nuclear level densities and $\hat{\Gamma}^3$ -ray strength functions of $^{180,181}\text{Ta}$ and neutron capture cross sections. EPJ Web of Conferences, 2017, 146, 01010.	0.1	1
208	Photoneutron Reaction Data for Nuclear Physics and Astrophysics. EPJ Web of Conferences, 2018, 178, 06003.	0.1	1
209	Studies of fission fragment yields via high-resolution $\hat{\Gamma}^3$ -ray spectroscopy. EPJ Web of Conferences, 2018, 169, 00030.	0.1	1
210	Astrophysical Reaction Rates and the Low-energy Enhancement in the $\hat{\Gamma}^3$ Strength. Acta Physica Polonica B, 2013, 44, 563.	0.3	1
211	Production and Study of Neutron-rich Nuclei Using the LICORNE Directional Neutron Source. Acta Physica Polonica B, 2017, 48, 395.	0.3	1
212	Impact of Restricted Spin-Ranges in the Oslo Method: The Example of (d,p) ^{240}Pu . Springer Proceedings in Physics, 2021, , 195-202.	0.1	1
213	Identification of excited states in ^{226}U : Evidence for octupole deformation. , 1999, , .		0
214	Measurements of level densities and gamma ray strength functions. AIP Conference Proceedings, 2000, , .	0.3	0
215	Average Nuclear Level Densities and Radiative Strength Functions in $^{56,57}\text{Fe}$ from Primary $\hat{\Gamma}^3$ -ray Spectra. AIP Conference Proceedings, 2003, , .	0.3	0
216	RADIATIVE STRENGTH FUNCTIONS AND LEVEL DENSITIES. , 2003, , .		0

#	ARTICLE	IF	CITATIONS
217	Entropy In Hot Nuclei. AIP Conference Proceedings, 2005, , .	0.3	0
218	Level densities of iron isotopes and low-energy enhancement of $\hat{\Gamma}^3$ -strength function. AIP Conference Proceedings, 2006, , .	0.3	0
219	Single Particle Entropy in Heated Nuclei. AIP Conference Proceedings, 2006, , .	0.3	0
220	Nuclear properties in the vicinity of closed shells. AIP Conference Proceedings, 2006, , .	0.3	0
221	Heating Nuclei in the Mass Region of $A \hat{\sim} 40 \hat{\sim} 50$. AIP Conference Proceedings, 2006, , .	0.3	0
222	Extracting Experimental Level Densities in $A \hat{\sim} 207 \hat{\sim} 208$ Nuclei. AIP Conference Proceedings, 2006, , .	0.3	0
223	Primary versus secondary $\hat{\Gamma}^3$ intensities in $Yb^{171}(nth, \hat{\Gamma}^3)$. Physical Review C, 2006, 74, .	1.1	0
224	Gamma and electron spectroscopy of heavy nuclei at FLNR JINR. AIP Conference Proceedings, 2007, , .	0.3	0
225	Experimental Level Densities and $\hat{\Gamma}^3$ -Strength Functions in rare earth nuclei. AIP Conference Proceedings, 2008, , .	0.3	0
226	Experimental nuclear level densities and $\hat{\Gamma}^3$ -ray strength functions in Sc and V isotopes. AIP Conference Proceedings, 2008, , .	0.3	0
227	Sub-Barrier Coulomb Excitation of $^{106,108,110}\text{Sn}$. AIP Conference Proceedings, 2008, , .	0.3	0
228	Level densities and $\hat{\Gamma}^3$ -strength functions in Sm isotopes. AIP Conference Proceedings, 2008, , .	0.3	0
229	The Oslo Method and Its Application to Lead Isotopes. AIP Conference Proceedings, 2008, , .	0.3	0
230	Spectroscopy of heavy elements at Dubna. AIP Conference Proceedings, 2008, , .	0.3	0
231	Thermodynamic properties of atomic nuclei with $T < 1 \hat{\sim} \% \text{MeV}$. AIP Conference Proceedings, 2008, , .	0.3	0
232	Puzzling $\hat{\Gamma}^3$ -ray strength functions in $^{44,45}\text{Sc}$ and $^{50,51}\text{V}$. AIP Conference Proceedings, 2008, , .	0.3	0
233	Level Densities and $\hat{\Gamma}^3$ Strength Functions in Light Sc and Ti Isotopes. EPJ Web of Conferences, 2010, 2, 03003.	0.1	0
234	Soft structures of $\hat{\Gamma}^3$ -ray strength functions studied with the Oslo method. EPJ Web of Conferences, 2010, 2, 03001.	0.1	0

#	ARTICLE	IF	CITATIONS
235	Spectroscopy of transfermium nuclei using the GABRIELA set up at the focal plane of the VASSILISSA recoil separator. , 2010, , .		0
236	Spectroscopy of transfermium nuclei using the GABRIELA set up at the focal plane of the VASSILISSA recoil separator. , 2010, , .		0
237	Do light nuclei display a universal $\hat{\Gamma}^3$ -ray strength function?. EPJ Web of Conferences, 2012, 21, 04004.	0.1	0
238	Minimization of actinide waste by multi-recycling of thoriated fuels in the EPR reactor. EPJ Web of Conferences, 2012, 21, 08010.	0.1	0
239	Neutron-induced cross sections of actinides via the surrogate-reaction method. EPJ Web of Conferences, 2013, 42, 01003.	0.1	0
240	Study of the $\hat{\Gamma}^3$ decay of high-lying states in ^{208}Pb via inelastic scattering of ^{17}O ions. EPJ Web of Conferences, 2014, 66, 02023.	0.1	0
241	The statistical properties of $^{111,112,113}\text{Sn}$ studied with the Oslo method. EPJ Web of Conferences, 2015, 93, 04004.	0.1	0
242	Statistical nuclear properties and synthesis of ^{138}La . EPJ Web of Conferences, 2015, 93, 04005.	0.1	0
243	First simultaneous measurement of fission and gamma probabilities of ^{237}U and ^{239}Np via surrogate reactions. EPJ Web of Conferences, 2016, 122, 12004.	0.1	0
244	Resonances in odd-odd ^{182}Ta . EPJ Web of Conferences, 2017, 146, 05012.	0.1	0
245	Statistical gamma-ray decay studies at iThemba LABS. EPJ Web of Conferences, 2017, 146, 05006.	0.1	0
246	Gamma-widths, lifetimes and fluctuations in the nuclear quasi-continuum. EPJ Web of Conferences, 2018, 178, 06001.	0.1	0
247	Publisher's Note: Statistical properties of ^{243}Pu, and ^{243}Pu $\hat{\Gamma}^3$-ray strength function for astrophysical applications in the IAEA-CRP. EPJ Web of Conferences, 2020, 239, 07005.		0
248	$\hat{\Gamma}^3$ -ray strength function for astrophysical applications in the IAEA-CRP. EPJ Web of Conferences, 2020, 239, 07005.	0.1	0
249	$\hat{\Gamma}^3$ -Ray Strength Functions and GDR Cross Sections in the IAEA Photonuclear Data Project. Springer Proceedings in Physics, 2021, , 165-172.	0.1	0
250	THERMAL QUENCHING OF PAIR CORRELATIONS IN RARE EARTH NUCLEI. , 2001, , .		0
251	SINGLE QUASIPARTICLE ENTROPY IN EXCITED NUCLEI WITH T ≤ 1 MEV. , 2001, , .		0
252	Lifetime Measurements of Excited States in Neutron-rich Fission Fragments. Acta Physica Polonica B, 2016, 47, 903.	0.3	0

#	ARTICLE	IF	CITATIONS
253	Nuclear Astrophysics with Radioactive Beams. , 2017, , .		0
254	Indirect $(n, \gamma)^{91,92}\text{Zr}$ Cross Section Measurements for the s-Process. Springer Proceedings in Physics, 2019, , 359-362.	0.1	0
255	Total absorption spectroscopy measurement on neutron-rich $^{74,75}\text{Cu}$ isotopes. Nuclear Physics A, 2022, 1018, 122359.	0.6	0
256	The study of prompt fission $\hat{1}^3$ rays at the Oslo Cyclotron Laboratory. EPJ Web of Conferences, 2021, 256, 00005.	0.1	0