

Teresa RzÄca-Urban

List of Publications by Year in descending order

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106
papers

1,792
citations

236612

25
h-index

360668

35
g-index

106
all docs

106
docs citations

106
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of \hat{I}^3 -soft and triaxial bands in Zr isotopes. Physical Review C, 2019, 100, . -spectroscopy study of Pd nucleus. Physical Review C, 2021, 103, .	1.1	3
2	Medium-spin states of the neutron-rich nucleus Ag . Physical Review C, 2021, 103, .	1.1	5
3	Observation of excited states in the neutron-rich nucleus $\text{Br}89$. Physical Review C, 2021, 104, .	1.1	2
4	Structure of even-even Sr isotopes with 50 neutrons. Physical Review C, 2021, 104, .	1.1	1
5	New, low-energy excitations in $\text{Mo}107$ and $\text{Mo}109$. Physical Review C, 2020, 102, .	1.1	3
6	First observation of excited states in the $\text{Ce}96$ nucleus: Rigid rotation at $Z=58$. Physical Review C, 2020, 102, .	1.1	5
7	First observation of \hat{I}^3 -soft and triaxial bands in Zr isotopes. Physical Review C, 2019, 100, .	1.1	12
8	Structure of 0^+ excitations in the mass $A=100$ region: First \hat{I}^2 -decay scheme of $\text{Nb}107$: New insight into the low-energy levels of $\text{Mo}107$. Physical Review C, 2019, 100, .	1.1	14
9	Excited states in $\text{Br}87$ populated in \hat{I}^2 decay of $\text{Se}87$. Physical Review C, 2019, 100, .	1.1	4
10	Excited states in $\text{Br}87$ populated in \hat{I}^2 decay of $\text{Se}87$. Physical Review C, 2019, 100, .	1.1	5
11	Study of parity-doublet structure in the 147La nucleus. EPJ Web of Conferences, 2018, 193, 05006.	0.1	0
12	Low-spin excitations in Zr nucleus. Physical Review C, 2018, 98, .	1.1	7
13	Structure of 136 and medium-spin structure of Pd nucleus. Physical Review C, 2018, 98, .	1.1	9
14	Excited levels in the multishaped $\text{Pd}117$ nucleus studied via \hat{I}^2 decay of $\text{Rh}117$. Physical Review C, 2018, 98, .	1.1	6
15	Evolution of γ Collectivity — (n,γ) Spectroscopy of ^{98}Mo with FIPPS. Acta Physica Polonica B, 2018, 49, 547.	0.3	1
16	Penning-trap-assisted study of excitations in $\text{Br}88$ populated in \hat{I}^2 decay of $\text{Se}88$. Physical Review C, 2017, 95, .	1.1	6
17	Parity-doublet structure in the 147La nucleus. Physical Review C, 2017, 96, .	1.1	10
18	Shape coexistence in the odd-odd nucleus $\text{Y}98$: The role of the g_9 neutron extruder. Physical Review C, 2017, 96, .	1.1	16

#	ARTICLE CITATIONS in $\langle \text{mml:math} \rangle$	IF	CITATIONS
19	$\langle \text{mml:math} \rangle$ and $\langle \text{mml:math} \rangle$: Evolution of $\langle \text{mml:math} \rangle$ Structure of $\langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$: Evolution of $\langle \text{mml:math} \rangle$ Structure of $\langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$: Evolution of $\langle \text{mml:math} \rangle$ Structure of $\langle \text{mml:math} \rangle$		27
20	$\langle \text{mml:math} \rangle$ nuclei: Solving the puzzle of their population in fission. Physical Review C, 2017, 95, .	1.1	10
21	Medium-spin states of the neutron-rich $\langle \text{mml:math} \rangle$ Br isotopes: configurations and shapes. Journal of Physics: Conference Series, 2016, 724, 012051.	0.3	2
22	Precise measurement of energies in $\langle \text{mml:math} \rangle$ following the $\langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$ following the $\langle \text{mml:math} \rangle$	1.1	8
23	Neutron-proton multiplets in the odd-odd nucleus $\langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$	1.1	12
24	First evidence of $\langle \text{mml:math} \rangle$ collectivity close to the doubly magic core $\langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$ collectivity close to the doubly magic core $\langle \text{mml:math} \rangle$	1.1	17
25	$\langle \text{mml:math} \rangle$ and $\langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$ and $\langle \text{mml:math} \rangle$	1.1	13
26	Near-yrast Excitations in Nucleus $\langle \text{mml:math} \rangle$ As: Tracing the Deformation in the $\langle \text{mml:math} \rangle$ Ni Region. Acta Physica Polonica B, 2016, 47, 897.	0.3	0
27	$\langle \text{mml:math} \rangle$: Confirmation of $\langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$: Confirmation of $\langle \text{mml:math} \rangle$	1.1	22
28	Neutron-proton multiplets in the nucleus $\langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$. Physical Review C, 2015, 92, .		22
29	High precision $\langle \text{mml:math} \rangle$ spectroscopy of $\langle \text{mml:math} \rangle$ Zn from $\langle \text{mml:math} \rangle$ reactions using EXILL. EPJ Web of Conferences, 2015, 93, 01042.	0.1	0
30	The $\langle \text{mml:math} \rangle$ campaigns at EXILL. EPJ Web of Conferences, 2015, 93, 01014.	0.1	4
31	Tracing the $\langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$	1.1	10
32	Yrast excitations in the neutron-rich $\langle \text{mml:math} \rangle$ isotones. $\langle \text{mml:math} \rangle$ isotones.	1.1	29
33	Collectivity and $\langle \text{mml:math} \rangle$ $\langle \text{mml:math} \rangle$	1.1	30
34	$\langle \text{mml:math} \rangle$ and the evolution $\langle \text{mml:math} \rangle$ and the evolution	1.1	20
35	Unexpected $\langle \text{mml:math} \rangle$ spin of the ground state in $\langle \text{mml:math} \rangle$ Ba: No octupole deformation in ground states of odd-ABa isotopes. Physical Review C, 2013, 87, .	1.1	24
36	Isomeric levels in $\langle \text{mml:math} \rangle$ Rb and the structure of neutron-rich $\langle \text{mml:math} \rangle$ Rb isotopes. Physical Review C, 2012, 85, .	1.1	23

#	ARTICLE	IF	CITATIONS
37	Band structure of ^{149}Ce . Physical Review C, 2012, 86, . Low-spin structure of ^{85}Se and the β -branching of ^{85}Se . Physical Review C, 2012, 86, .	1.1	6
38	Near-yrast structure of ^{149}Ce . Physical Review C, 2012, 86, .	1.1	7
39	Reflection symmetry of the near-yrast excitations in ^{145}Ba . Physical Review C, 2012, 86, .	1.1	21
40	Near-yrast, medium-spin structure of ^{143}Xe . Physical Review C, 2011, 83, .	1.1	7
41	Near-yrast structure of ^{149}Pr . Physical Review C, 2010, 82, .	1.1	12
42	Near-yrast, medium-spin structure of the ^{149}Pr nucleus. Physical Review C, 2010, 82, .	1.1	12
43	Near-yrast, medium-spin, excited states of ^{91}Rb . Physical Review C, 2010, 82, .	1.1	31
44	Medium-spin structure of ^{93}Rb . Physical Review C, 2010, 82, .	1.1	8
45	Medium-spin structure of ^{145}Cs . Physical Review C, 2010, 82, .	1.1	8
46	Near-yrast structure of $N=93$ neutron-rich lanthanide nuclei. Physical Review C, 2010, 81, .	1.1	23
47	The $11/2^+$ [505] neutron extruder orbital in ^{159}Sm . Physical Review C, 2009, 80, .	1.1	37
48	Mapping neutron levels in the ^{159}Sm region. Physical Review C, 2009, 80, .	1.1	12
49	New information on medium-spin structure of ^{133}Sb . Physical Review C, 2009, 79, .	1.1	19
50	New information on medium-spin structure of the ^{133}Sb nucleus. Physical Review C, 2009, 79, .	1.1	27
51	Near-yrast structure of ^{142}Gd and ^{144}Gd . Physical Review C, 2008, 78, .	1.1	15
52	Investigation of lifetimes in quadrupole bands of ^{142}Gd . European Physical Journal A, 2008, 35, 135-158.	1.0	16
53	Short-lived isomers in ^{94}Rb . Physical Review C, 2008, 78, .	1.1	14

#	ARTICLE	IF	CITATIONS
55	<p>display="inline"><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mrow></mml:mrow></mml:math>closed shell. Physical Review C, 2007, 76, .</p> <p>Possible weakening of the Ge nucleus. Physical Review C, 2007, 75, .</p>	1.1	29
56	First observation of excited states in the ^{138}Ru nucleus. Physical Review C, 2007, 75, .	1.1	18
57	Low-spin structure of ^{113}Ru and ^{113}Rh . European Physical Journal A, 2007, 33, 307-316.	1.0	25
58	First observation of medium-spin excitations in the ^{138}Cs nucleus. European Physical Journal A, 2007, 32, 5-9.	1.0	12
59	New information on the $T_{1/2} = 47$ s isomer in the ^{136}I nucleus. European Physical Journal A, 2006, 27, 257-262.	1.0	22
60	Near-yrast structure of the ^{109}Mo nucleus. Physical Review C, 2006, 73, .	1.1	19
61	Investigation of lifetimes in dipole bands of ^{142}Gd . European Physical Journal A, 2005, 23, 191-196.	1.0	33
62	First observation of excited states in the ^{111}Tc nucleus --A new region of deformation at $40 \leq Z \leq 46$, $N \approx 68$?. European Physical Journal A, 2005, 24, 161-165.	1.0	29
63	Suppression of band crossing in the neutron-rich nuclei $^{172}, ^{173}Yb$ due to the absence of a static pair field. European Physical Journal A, 2005, 26, 19-24.	1.0	11
64	Near-yrast, medium-spin structure of the ^{107}Mo nucleus. Physical Review C, 2005, 72, .	1.1	28
65	Half-life of the 830.2 keV isomer in ^{97}Sr . Physical Review C, 2005, 72, .	1.1	26
66	Observation of octupole excitations in ^{141}Cs and ^{143}Cs nuclei. Physical Review C, 2004, 69, .	1.1	30
67	Near-yrast, medium-spin structure of the ^{107}Tc nucleus. Physical Review C, 2004, 70, .	1.1	21
68	Investigations of the level scheme of ^{144}Gd and lifetimes in the quadrupole bands. European Physical Journal A, 2004, 21, 37-55.	1.0	26
69	New bands and spin-parity assignments in ^{111}Ru . European Physical Journal A, 2004, 22, 231-239.	1.0	20
70	Signature inversion in the semidecoupled $\pi h_{9/2} \otimes u_{13/2}$ band of the odd-odd nucleus ^{172}Lu . European Physical Journal A, 2004, 20, 375-379.	1.0	5
71	First observation of excited states in the ^{110}Mo nucleus. European Physical Journal A, 2004, 20, 381-384.	1.0	30
72	Investigation of lifetimes in dipole bands of ^{141}Eu . European Physical Journal A, 2004, 21, 1-6.	1.0	32

#	ARTICLE	IF	CITATIONS
73	The $\hat{1}_{1/2}^{9/2}[404]$ orbital and the deformation in the $A \hat{\sim} 100$ region. European Physical Journal A, 2004, 22, 241-252.	1.0	62
74	New spins for ground states and isomers in ^{115}Pd and ^{117}Pd . European Physical Journal A, 2004, 22, 157-161.	1.0	23
75	First observation of the $\hat{1}_{1/2}^{9/2}[404]$ orbital in the $A \hat{\sim} 100$ mass region. European Physical Journal A, 2003, 16, 11-15.	1.0	46
76	The strength of octupole correlations in neutron-rich Xe isotopes. European Physical Journal A, 2003, 16, 303-307.	1.0	37
77	Pseudo-spin band in the odd-odd nucleus ^{172}Lu . European Physical Journal A, 2003, 18, 1-4.	1.0	7
78	Delayed crossing in the $\pi h_{9/2}^{-1/2}[541]$ band of ^{173}Lu . European Physical Journal A, 2003, 18, 577-581.	1.0	8
79	The neutron and proton two-particle nucleus ^{134}Sb : New low-spin states observed in the decay of ^{134}Sn and an estimate of the energy of the $7\hat{\alpha}^+$ isomer. , 2003, , 301-304.		0
80	Development of magnetic rotation in light Gd nuclei; study of ^{142}Gd . European Physical Journal A, 2002, 13, 297-305.	1.0	32
81	The neutron and proton two-particle nucleus ^{134}Sb : New low-spin states observed in the decay of ^{134}Sn and an estimate of the energy of the 7^- isomer. European Physical Journal A, 2002, 15, 181-184.	1.0	25
82	First measurements of yrast excitations in ^{137}I and the missing 12^+ isomer in ^{136}Te . European Physical Journal A, 2001, 12, 129-133.	1.0	16
83	INVESTIGATION OF MAGNETIC ROTATION AROUND ^{142}Gd . , 2001, , .		0
84	Properties of $N=84$, even-even nuclei populated in the spontaneous fission of ^{248}Cm . European Physical Journal A, 2000, 7, 167-176.	1.0	20
85	Shapes of the neutron-rich $^{88-94}\text{Kr}$ nuclei. European Physical Journal A, 2000, 9, 165-169.	1.0	69
86	Properties of $N=84$, even-even nuclei populated in the spontaneous fission of. European Physical Journal A, 2000, 7, 167.	1.0	50
87	Quadrupole moment of the yrast superdeformed band in ^{144}Gd . Physical Review C, 1999, 60, .	1.1	4
88	Recent developments of multi $e^{-}\hat{1}^3$ spectrometers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 437, 282-334.	0.7	7
89	Neutron single-particle energies in the ^{132}Sn region. European Physical Journal A, 1999, 5, 239-241.	1.0	72
90	New excitation scheme of ^{139}Cs . European Physical Journal A, 1999, 6, 1-3.	1.0	11

#	ARTICLE	IF	CITATIONS
91	Accelerated ion beams for in-beam e^{-13} spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 413, 59-73.	0.7	1
92	Nuclear targets, recoil ion catchers and reaction chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 414, 239-260.	0.7	2
93	Study of spontaneous fission with EUROGAM. Zeitschrift für Physik A, 1997, 358, 145-151.	0.9	70
94	Fragmentation of the yrast band in ^{186}Os at $\hbar\omega = 18+$ and disappearance of the collective minimum. Zeitschrift für Physik A, 1996, 356, 393-397.	0.9	1
95	Superdeformation in ^{146}Gd . Physical Review C, 1995, 52, 1302-1306.	1.1	9
96	The decay of the $\hbar\omega = 8+$ isomer in ^{100}Cd -neutron particle and proton hole states. Zeitschrift für Physik A, 1994, 350, 181-182.	0.9	28
97	Study of the high-spin structure of ^{144}Gd . Nuclear Physics A, 1994, 579, 319-331.	0.6	14
98	Study of band structures and crossings in ^{179}Os . Nuclear Physics A, 1993, 563, 129-161.	0.6	6
99	Superdeformed bands and their crossing features in Gd nuclei around $A=146$. Progress in Particle and Nuclear Physics, 1992, 28, 225-234.	5.6	1
100	Shape changes in ^{189}Au at high spins. Zeitschrift für Physik A, 1992, 344, 231-232.	0.9	15
101	Excited superdeformed band in ^{146}Gd . Zeitschrift für Physik A, 1991, 339, 421-422.	0.9	9
102	Superdeformed band in ^{146}Gd . First observation of band crossing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 311-316.	1.5	34
103	Origin of the backbending in the $\hbar\omega = 9/2$ band of ^{185}Ir . Zeitschrift für Physik A, Atomic Nuclei, 1989, 332, 111-112.	0.3	2
104	Observation of superdeformation in the doubly closed-shell nucleus ^{146}Gd . Physical Review Letters, 1987, 59, 2024-2027.	2.9	12
105	Search for superdeformation in ^{180}Os . Zeitschrift für Physik A, Atomic Nuclei, 1987, 328, 379-380.	0.3	0
106	Spectroscopic information from the $^{63}\text{Cu}(p, \hat{1}^3)^{64}\text{Zn}$ reaction in the GDR region. Zeitschrift für Physik A, Atomic Nuclei, 1986, 325, 55-60.	0.3	0