

Yixiao Luo

List of Publications by Year in descending order

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97
papers

1,199
citations

361413

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477307

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98
all docs

98
docs citations

98
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudospin-doublet bands and Gallagher Moszkowski doublet bands in ^{100}Mo . Physical Review C, 2021, 103, .	2.9	3
2	Chiral vibrations and collective bands in ^{104}Mo and ^{106}Mo . Physical Review C, 2021, 104, .	2.9	5
3	Anomalous neutron yields confirmed for Ba-Mo and newly observed for Ce-Zr from spontaneous fission of ^{163}Dy . Physical Review Letters, 2020, 124, 032501.	2.9	1
4	Deformed band structures in neutron-rich ^{152}Pm ^{158}Pm isotopes. Physical Review C, 2018, 98, .	2.9	9
5	One- and two-phonon $\hat{\Gamma}_3^-$ -vibrational bands in neutron-rich ^{107}Mo . Physical Review C, 2017, 96, .	2.9	12
6	MULTI-PHONON $\hat{\Gamma}_3^-$ VIBRATIONAL BANDS IN $^{103-108}\text{Mo}$ AND $^{103,105}\text{Nb}$, CHIRAL VIBRATIONS IN $^{104,106}\text{Mo}$ AND OCTUPOLE CORRELATIONS IN $^{146,147}\text{La}$. , 2017, , .	0	0
7	Oblate deformation in neutron-rich $^{118,119}\text{Ag}$. Physical Review C, 2017, 95, .	2.9	2
8	New levels and reinvestigation of octupole correlations in $^{146,147}\text{La}$. European Physical Journal A, 2017, 53, 1.	2.5	12
9	Reinvestigation of π octupole bands in neutron-rich ^{141}Xe . Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 095101.	3.6	5
10	Doublet Octupole Bands in Neutron-Rich $^{140,141}\text{Xe}$. , 2017, , .	0	0
11	New Measurement of Zr-Ce Yield Matrix for ^{252}Cf . , 2017, , .	0	0
12	Reinvestigation of Octupole Correlations in $^{146,147}\text{La}$. , 2017, , .	0	0
13	Chiral Vibrations and Collective Bands in ^{104}Mo . , 2017, , .	0	0
14	Octupole Deformation in ^{144}Ba and ^{148}Ce . , 2017, , .	0	0
15	New Determination of the Mo-Ba Yield Matrix for ^{252}Cf . , 2017, , .	0	0

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19	Reinvestigation of two-phonon \hat{I}^3 -vibrational band in neutron-rich ^{114}Pd . International Journal of Modern Physics E, 2016, 25, 1650064.	1.0	3
20	Proposed $\hat{A}^{\pm}1$ octupole bands in ^{140}Xe . Physical Review C, 2016, 93, .	2.9	11
21	Identification of a possible proton two-quasiparticle band in ^{158}Sm . Physical Review C, 2014, 90, . First observation of a rotational band and the role of the proton intruder orbital $\pi i_{1/2}$.	2.9	6
22	$[431]$ in very neutron-rich odd-odd ^{106}Nb and proposed octupole correlations in ^{106}Nb . Physical Review C, 2014, 90, .	2.9	8
23	Reinvestigation of high spin states and proposed octupole correlations in ^{147}Ce . Physical Review C, 2014, 90, .	2.9	20
24	Identification of multi-phonon \hat{I}^3 -vibrational bands in odd- $Z^{105}\text{Nb}$. Physical Review C, 2013, 88, .	2.9	17
25	New high-spin level scheme of neutron-rich ^{112}Rh . Physical Review C, 2013, 87, .	2.9	12
26	TRIAXIAL AND TRIAXIAL SOFTNESS IN NEUTRON RICH Ru AND Pd NUCLEI. , 2013, , .		0
27	NUCLEAR STRUCTURE OF NEUTRON RICH GADOLINIUM. , 2013, , .		0
28	RESEARCH ON OCTUPOLE CORRELATIONS IN NEUTRON-RICH EVEN-EVEN Ce ISOTOPES. , 2013, , .		0
29	FOUR-FOLD DATA ANALYSIS OF ^{252}Cf FISSION PRODUCTS. , 2013, , .		0
30	NEW INSIGHTS INTO THE NUCLEAR STRUCTURE IN NEUTRON-RICH $^{112,114,115,116,117,118}\text{Pd}$. , 2013, , .		0
31	Identification of a new side-band and proposed octupole correlations in very neutron-rich ^{152}Ce . Physical Review C, 2012, 86, .	2.9	9
32	Observation of new levels and proposed octupole correlations in neutron-rich ^{150}Ce . Physical Review C, 2012, 85, .	2.9	23
33	New multi-phonon gamma vibrational bands in $A^{\pm}1/4$ 110 neutron-rich nuclei. Science China: Physics, Mechanics and Astronomy, 2011, 54, 44-48.	5.1	7
34	Signature inversion in odd-odd ^{114}Rh : First identification of high-spin states in very neutron-rich ^{114}Rh and application of the triaxial projected shell model. Physical Review C, 2011, 83, .	2.9	13
35	Possible excited deformed rotational bands in ^{82}Ge . Physical Review C, 2011, 84, .	2.9	14
36	High-spin level structure of ^{115}Rh : Evolution of triaxiality in odd-even Rh isotopes. Physical Review C, 2011, 84, .	2.9	6

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37	First identification of high-spin states in the odd-odd neutron-rich nucleus ^{152}Pr . Physical Review C, 2011, 84, .	2.9	5
38	High-spin structure and multiphonon $\hat{3}$ vibrations in very neutron-rich ^{114}Ru . Physical Review C, 2011, 83, .	2.9	19
39	High-spin states and a new band based on the isomeric state in ^{152}Nd . European Physical Journal A, 2010, 45, 147-151.	2.5	9
40	Neutron-Rich Nuclei Beyond [sup 132]Sn: Spherical Shapes and Octupole Correlations. , 2010, , .		0
41	Identification of a quasiparticle band in very neutron-rich ^{132}Sn . Physical Review C, 2010, 81, .	2.9	22
42	Identification of a quasiparticle band in very neutron-rich ^{132}Sn . Physical Review C, 2010, 81, .	2.9	11
43	Evidence for octupole excitations in the odd-odd neutron-rich nucleus ^{142}Cs . Physical Review C, 2010, 81, .	2.9	8
44	Evidence for octupole excitations in the odd-odd neutron-rich nucleus ^{142}Cs . Physical Review C, 2010, 81, .	2.9	8
45	Reply to "Comment on "High spin structure of the neutron-rich nuclei ^{137}Ba and ^{139}La ". Physical Review C, 2010, 81, .	2.9	0
46	Nuclear structure of the odd-odd neutron-rich nucleus ^{140}Ce . Physical Review C, 2010, 81, .	2.9	5
47	New Band Structures in $A \approx 110$ Neutron-Rich Nuclei. , 2010, , .		0
48	High spin structure of the neutron-rich nuclei ^{137}Ba and ^{139}La . Physical Review C, 2010, 81, .	2.9	16
49	Collective band structures in neutron-rich ^{130}La and ^{132}Ce . Physical Review C, 2009, 79, .	2.9	10
50	High-spin states in ^{91}Rb , ^{92}Rb , ^{93}Rb and ^{155}Pm , ^{156}Pm . Physical Review C, 2009, 80, .	2.9	30
51	Single particle states in neutron-rich ^{101}Zr . Physical Review C, 2009, 79, .	2.9	29
52	Identification of high spin states in ^{134}Cf from ^{252}Cf fission. Physical Review C, 2009, 79, .	2.9	13
53	Search for chiral bands in $A \approx 110$ neutron-rich nuclei. Chinese Physics C, 2009, 33, 145-147.	3.7	2
54	High spin structure of the neutron-rich nuclei ^{137}Ba and ^{139}La . Physical Review C, 2010, 81, .	2.9	24

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55	First identification of a collective band in the odd-odd Nb nucleus. $Physical\ Review\ C,\ 2008,\ 78,\ .$	2.9	9
56	Identification of new collective bands in neutron-rich Zr . $Physical\ Review\ C,\ 2008,\ 78,\ .$	2.9	15
57	Identification of pseudospin partner bands in Sm and high spin states in Kr . $Physical\ Review\ C,\ 2008,\ 78,\ .$	2.9	18
58	High spin states in $Nd153$ and first identification of excited states in $Nd155$. $Physical\ Review\ C,\ 2008,\ 78,\ .$	2.9	13
59	Identification of the $^{1/2}_{-}$ band in neutron-rich Mo . $Physical\ Review\ C,\ 2008,\ 77,\ .$	2.9	6
60	Identification of pseudospin partner bands in Tc . $Physical\ Review\ C,\ 2008,\ 78,\ .$	2.9	31
61	EVEN- AND ODD-PARITY BANDS IN $108,110,112Ru$ AND ODD-PARITY DOUBLETS IN $106Mo$. , 2008, , .		0
62	TECHNIQUE FOR MEASURING ANGULAR CORRELATIONS AND g-FACTORS OF EXCITED STATES WITH LARGE MULTI-DETECTOR ARRAYS: AN APPLICATION TO NEUTRON RICH NUCLEI PRODUCED IN SPONTANEOUS FISSION. , 2008, , .		0
63	LEVEL STRUCTURES AND DOUBLE $\hat{1}^3$ -BANDS IN $105Mo$, $108Mo$ AND $112Ru$. , 2008, , .		0
64	New results for the intensity of bimodal fission in binary and ternary spontaneous fission of ^{252}Cf . , 2008, , .		0
65	First identification of collective bands and octupole correlations in the neutron-rich $La143$ nucleus. $Physical\ Review\ C,\ 2007,\ 75,\ .$	2.9	12
66	Identification and shell model calculation of high spin states in $Cs137,138$ nuclei. $Physical\ Review\ C,\ 2007,\ 75,\ .$	2.9	19
67	Search for octupole correlations in neutron-rich $Ce148$ nucleus. $Physical\ Review\ C,\ 2006,\ 73,\ .$	2.9	30
68	New results for the intensity of bimodal fission in barium channels of the spontaneous fission of $Cf252$. $Physical\ Review\ C,\ 2006,\ 74,\ .$	2.9	5
69	Bimodal fission in binary and ternary spontaneous fission of ^{252}Cf . $Physics\ of\ Atomic\ Nuclei,\ 2006,\ 69,\ 1161-1167.$	0.4	5
70	Collective bands in $104,106,108Mo$. $Physics\ of\ Atomic\ Nuclei,\ 2006,\ 69,\ 1198-1203.$	0.4	15
71	Identification of $Se88$ and new levels in $Se84,86$. $Physical\ Review\ C,\ 2006,\ 73,\ .$	2.9	35
72	Identification of high spin states in $Zr100$. $Physical\ Review\ C,\ 2006,\ 74,\ .$	2.9	21

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73	Nuclear shape and structure in neutron-rich Tc110,111. <i>Physical Review C</i> , 2006, 74, .	2.9	34
74	Half-life measurements of several states in Sr95,97,Zr97,100,104,Mo106, and Ce148. <i>Physical Review C</i> , 2006, 73, .	2.9	53
75	Identification of band structures and proposed one- and two-phonon $\hat{3}$ -vibrational bands in Mo105. <i>Physical Review C</i> , 2006, 74, .	2.9	39
76	Angular momenta of fission fragments in the $\hat{1}\pm$ -accompanied fission of ^{252}Cf . <i>European Physical Journal A</i> , 2005, 24, 373-378.	2.5	8
77	Half-life measurement of excited states in neutron-rich nuclei. <i>European Physical Journal A</i> , 2005, 25, 463-464.	2.5	8
78	Shape transitions and triaxiality in neutron-rich odd-mass Y and Nb isotopes. <i>European Physical Journal A</i> , 2005, 25, 469-470.	2.5	11
79	Investigations of short half-life states from SF of ^{252}Cf . <i>European Physical Journal A</i> , 2005, 25, 465-466.	2.5	6
80	Unexpected rapid variations in odd-even level staggering in gamma-vibrational bands. <i>European Physical Journal A</i> , 2005, 25, 471-472.	2.5	8
81	Soft chiral vibrations in ^{106}Mo . <i>European Physical Journal A</i> , 2005, 25, 459-462.	2.5	38
82	Negative parity bands of Pd115 and band structures in Pd113,115,117. <i>Physical Review C</i> , 2005, 72, .	2.9	26
83	UNEXPECTED RAPID VARIATIONS IN ODD-EVEN LEVEL STAGGERING IN GAMMA-VIBRATIONAL BANDS. , 2005, , .		0
84	Identification of levels in $^{162,164}\text{Gd}$ and decrease in moment of inertia between $N=98$ and 100 . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2004, 30, L43-L48.	3.6	20
85	Level structures of Rh110,111,112,113 from measurements on Cf252. <i>Physical Review C</i> , 2004, 69, .	2.9	59
86	New level schemes with high-spin states of Tc105,107,109. <i>Physical Review C</i> , 2004, 70, .	2.9	58
87	Half-lives of several states in neutron-rich nuclei from spontaneous fission of Cf252. <i>Physical Review C</i> , 2004, 69, .	2.9	17
88	High spin states in Sr95. <i>Physical Review C</i> , 2004, 69, .	2.9	9
89	Identification of Gamma Transitions from He and Be Ternary Fission Fragments. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , 2003, 18, 383-391.	0.4	0
90	High spin states in ^{93}Sr . <i>Physical Review C</i> , 2003, 67, .	2.9	18

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91	Identification of $\frac{1}{2}^-[404]$ band in ^{97}Sr . Physical Review C, 2003, 67, .	2.9	36
92	YIELDS OF FRAGMENT PAIRS IN TERNARY FISSION OF ^{252}Cf . , 2003, , .		0
93	Particle-hole excited states in ^{133}Te . Physical Review C, 2002, 65, .	2.9	15
94	$\frac{7}{2}^-[413]$ rotational band and high spin states in odd-mass $^{115,117}\text{Ag}$. Physical Review C, 2002, 65, .	2.9	21
95	Gammasphere fission-gamma-ray studies: Even-odd nuclei near $N=82$. AIP Conference Proceedings, 2002, , .	0.4	0
96	β^- -RAY EMISSION IN $^{\text{He}}$, $^{\text{Be}}$ AND $^{\text{C}}$ ACCOMPANIED FISSION OF ^{252}Cf . , 2002, , .		0
97	Fission β^- spectra and levels in ^{139}Ba . Physical Review C, 2001, 64, .	2.9	29