Jolie Cizewski

List of Publications by Year
in descending order

156	3,669	136950 32	149698 56
papers	citations	h-index	g-index

158	158	158	1355
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evidence for a New Symmetry in Nuclei: The Structure ofPt196and the O(6) Limit. Physical Review Letters, 1978, 40, 167-170.	7.8	264
2	Ground-State Band and Deformation of theZ=102IsotopeN254o. Physical Review Letters, 1999, 82, 509-512.	7.8	191
3	The magic nature of 132Sn explored through the single-particle states of 133Sn. Nature, 2010, 465, 454-457.	27.8	189
4	Pseudospin symmetry and quantized alignment in nuclei. Physical Review Letters, 1990, 65, 301-304.	7.8	184
5	Observation of superdeformation inHg191. Physical Review Letters, 1989, 63, 360-363.	7.8	168
6	Spin alignment in superdeformed Hg nuclei. Physical Review Letters, 1990, 64, 2623-2626.	7.8	115
7	Entry Distribution, Fission Barrier, and Formation Mechanism ofN102254o. Physical Review Letters, 2000, 84, 3542-3545.	7.8	102
8	Observation of superdeformation inHg192. Physical Review C, 1990, 41, R9-R12.	2.9	79
9	Halo Nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>11</mml:mn></mml:mmultiscripts></mml:math>: A Spectroscopic Study via Neutron Transfer. Physical Review Letters, 2012, 108, 192701.	7.8	79
10	Level spin for superdeformed nuclei nearA=194. Physical Review C, 1992, 46, 889-903.	2.9	76
11	Yrast superdeformed band in194Pb:Ï€andEx. Physical Review C, 1997, 55, 2819-2825.	2.9	69
12	High-Spin Studies of Fission Products in Fusion-Evaporation Reactions. Physica Scripta, 2000, T88, 127.	2.5	62
13	Direct reaction measurements with a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>132</mml:mn></mml:msup></mml:math>Sn radioactive ion beam. Physical Review C, 2011, 84, .	2.9	62
14	Neutron Single Particle Structure in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Sn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>131</mml:mn></mml:mmultiscripts></mml:math>and Direct Neutron Capture Cross Sections. Physical Review Letters, 2012, 109, 172501.	7.8	58
15	Rotational Bands in the Proton EmitterH141o. Physical Review Letters, 2001, 86, 1458-1461.	7.8	55
16	Structure of the Odd-A, Shell-Stabilized NucleusNo102253. Physical Review Letters, 2005, 95, 032501.	7.8	53
17	Oblate collectivity inPb197. Physical Review C, 1992, 46, 133-143.	2.9	52
18	Mo92,94,97,98(t,p) reactions atEt=17MeV. Physical Review C, 1981, 24, 2475-2498.	2.9	50

#	Article	IF	Citations
19	First study of the level structure of ther-process nucleusGe83. Physical Review C, 2005, 71, .	2.9	48
20	Single-neutron excitations in neutron-richGe83andSe85. Physical Review C, 2007, 76, .	2.9	47
21	First lifetime measurement of dipole collective bands in neutron-deficient lead nuclei. Physical Review Letters, 1992, 69, 1737-1740.	7.8	41
22	Single proton structure ofIr193,195,197and perturbed spin(6) symmetry. Physical Review C, 1983, 27, 1040-1059.	2.9	40
23	Spin yields of neutron-rich nuclei from deep inelastic reactions. Physical Review C, 1999, 60, .	2.9	40
24	New constraints on theF18(p,Î±)O15rate in novae from the(d,p)reaction. Physical Review C, 2005, 71, .	2.9	39
25	Search for a resonant enhancement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>7</mml:mn></mml:msup></mml:math>Be +<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>reaction and primordial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:	2.9	39
26	Onset of collectivity in neutron deficientPo196,198. Physical Review C, 1995, 52, 621-627.	2.9	38
27	Reactions of a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow /><mml:mn>10</mml:mn></mml:msup></mml:math>Be beam on proton and deuteron targets. Physical Review C, 2013, 88, .	2.9	36
28	High-spin excitations in92,93,94,95Zr. Physical Review C, 2002, 65, .	2.9	35
29	Dynamical Supersymmetries and Single-Particle Strengths in Iridium Nuclei. Physical Review Letters, 1981, 46, 1264-1267.	7.8	34
30	Proton andÎ±radioactivity of185Bi. Physical Review C, 2001, 63, .	2.9	34
31	Observation ofÎ½h11/2sequences in oddAâ¼110nuclei. Physical Review C, 2000, 61, .	2.9	33
32	Towards Neutron Capture on Exotic Nuclei: Demonstrating <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo stretchy="false">(</mml:mo><mml:mi>d</mml:mi><mml:mo>,</mml:mo><mml:mi>p</mml:mi><mml:mi>Î³</mml:mi><mml:mo) Tj ETQ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo		

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37	Neutron blocking and delayed proton pair alignment in superdeformedPb195. Physical Review C, 1995, 51, R2288-R2292.	2.9	31
38	Excited states in155Yband155,156,157Lufrom recoil-decay tagging. Physical Review C, 2001, 64, .	2.9	29
39	Benchmarking a surrogate reaction for neutron capture. Physical Review C, 2010, 81, .	2.9	29
40	The<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Si</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>28</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10	2.9	29
41	Decay and properties of the yrast superdeformed band in192Pb. Physical Review C, 1997, 56, 2474-2483.	2.9	28
42	Constraint of the Astrophysical<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Al</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>26</mml:mn><mml:mi>g</mml:mi></mml:mrow></mml:mmultiscripts><mml:mo stretchy="false">(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock	7.8	27
43	High-spin excitations in158,159,160Hffrom recoil-decay tagging. Physical Review C, 2000, 62, .	2.9	26
44	Evidence for Gamow-Teller Decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ni</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>78</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>Core from Beta-Delayed Neutron Emission Studies. Physical Review Letters, 2016, 117, 092502.	7.8	26
45	High-spin states in odd-odd106,108,110,112Rh. Physical Review C, 2003, 67, .	2.9	25
46	Multiparticle configurations inN=84isotones located at the proton drip line. Physical Review C, 2005, 71, .	2.9	25
47	Collective oblate bands inPb196. Physical Review C, 1993, 47, R1337-R1341.	2.9	24
48	Spectroscopy of193,195,197Po. Physical Review C, 1997, 56, 723-728.	2.9	24
49	Systematical behavior of even-Apolonium isotopes. Physical Review C, 1997, 55, 1218-1226.	2.9	24
50	Observation of a superdeformed band in192Pb. Zeitschrift FÃ¼r Physik A, 1991, 338, 469-470.	0.9	23
51	Spectroscopy ofPo194. Physical Review C, 1995, 52, R1723-R1726.	2.9	23
52	Study of theSn(d,p)124reaction in inverse kinematics close to the Coulomb barrier. Physical Review C, 2004, 70, .	2.9	23
53	Spectroscopy of192Po. Physical Review C, 1997, 55, 1724-1729.	2.9	22
54	High-spin excitations in Ru nuclei nearN=60. Physical Review C, 1998, 58, 1997-2001.	2.9	22

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55	States built on the 10+isomers in118,120,122,124Sn. Physical Review C, 2011, 84, .	2.9	21
56	Superdeformation inPb198,196. Physical Review C, 1991, 43, R2465-R2469.	2.9	20
57	Weak coupling and dipole bands in191Pb. Physical Review C, 1998, 57, 1624-1633.	2.9	19
58	High-spin states inN=50Br85andRb87nuclei. Physical Review C, 2005, 71, .	2.9	19
59	Spectroscopic study of low-lying<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">N</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>16</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>levels. Physical Review C, 2008, 78, .	2.9	18
60	Level structure ofNd140. Physical Review C, 1987, 36, 2371-2379.	2.9	17
61	Collective band inHg193withExâ‰¥5.7 MeV. Physical Review C, 1993, 47, R930-R934.	2.9	17
62	Superdeformation inEr154. Physical Review C, 1995, 52, R1171-R1174.	2.9	17
63	Level structure andÎ³transitions inHg202studied by the (n,ÂÎ³) reaction. Physical Review C, 1975, 11, 546-560.	2.9	16
64	Lifetime measurements in the regular Î”I=1 oblate band inPb197. Physical Review C, 1993, 48, R2135-R2139.	2.9	15
65	Neutron single particle strengths from the (d,p) reaction onF18. Physical Review C, 2006, 73, . <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow	2.9	15
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73	Superdeformation inPo198. Physical Review C, 1996, 53, R541-R543.	2.9	12
74	High-spin states inXe135. Physical Review C, 2007, 75, .	2.9	12
75	Prolate yrast cascade in183Tl. Physical Review C, 2000, 61, .	2.9	11
76	Shape coexistence and band crossings inPt174. Physical Review C, 2004, 70, .	2.9	11
77	Fragmentation ofL=0transfer strength in thePt195(t,Âp)Pt197reaction. Physical Review C, 1982, 26, 1960-1968.	2.9	10
78	Particle-core coupling inPm141. Physical Review C, 1989, 39, 1809-1817.	2.9	10
79	Deformed negative-parity excitations in71As. Physical Review C, 1999, 59, 2919-2922.	2.9	10
80	Quasicontinuous decay spectra of superdeformed bands in192,194Pband energy gaps in level density at moderate angular momenta. Physical Review C, 2000, 61, .	2.9	10
81	Quasicontinuous decay and properties of superdeformed excitations inPb195. Physical Review C, 2005, 71, .	2.9	10
82	Coupling Gammasphere and ORRUBA. , 2013, , .		10
83	Informing direct neutron capture on tin isotopes near the N=82 shell closure. Physical Review C, 2019, 99, .	2.9	10
84	Level structure ofFr215. Physical Review C, 1985, 32, 136-144.	2.9	9
85	Spin-rotor interpretation of identical bands and quantized alignment in superdeformedAâ‰Š190 nuclei. Physical Review C, 1995, 52, 1307-1314.	2.9	9
86	States in196Ptobserved with the(n,nâ€²Î³)reaction. Physical Review C, 2002, 65, .	2.9	9
87	Enhanced production of neutron-deficient fission fragments in heavy-ion-induced fusion reactions. Physical Review C, 2003, 67, .	2.9	9
88	In-beamÎ³-ray spectroscopy of172Pt. Physical Review C, 2003, 67, .	2.9	9
89	First observation of high-spin states inSe83. Physical Review C, 2006, 74, .	2.9	9
90	High-spin states inNb96,97. Physical Review C, 2010, 82, .	2.9	9

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91	Structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>107</mml:mn></mml:mmultiscripts></mml:math>studied through single-neutron knockout reactions. Physical Review C, 2016, 93, .	2.9	9
92	Key Ne19 States Identified Affecting Î³ -Ray Emission from F18 in Novae. Physical Review Letters, 2019, 122, 052701.	7.8	9
93	Au197(t,p)Au199reaction. Physical Review C, 1983, 28, 2199-2203.	2.9	8
94	Constraining spectroscopic factors near the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>r</mml:mi></mml:math> -process path using combined measurements: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Kr</mml:mi><mml:mprescripts /><mml:none /><mml:mn>86</mml:mn></mml:mmultiscripts></mml:math> <mml:math		

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109	Medium-spin states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>135</mml:mn></mml:msup></mml:math>Cs. Physical Review C, 2013, 88, .	2.9	4
110	Spectroscopic study of the radionuclide Na21 for the astrophysical F17(Î±,p)Ne20 reaction rate. Physical Review C, 2017, 96, .	2.9	4
111	Î³ -ray spectroscopy of astrophysically important states in Ca39. Physical Review C, 2020, 101, .	2.9	4
112	Isotopic yields of neutron-rich nuclei from deep-inelastic reactions. Physical Review C, 1999, 61, .	2.9	3
113	Single-neutron excitations in neutron-rich N = 51 nuclei. European Physical Journal A, 2005, 25, 371-374.	2.5	3
114	Population of superdeformed excitations inPo198. Physical Review C, 2005, 71, .	2.9	3
115	Studies of nuclei close to [sup 132]Sn using single-neutron transfer reactions. , 2009, , .		3
116	Development of the ORRUBA Silicon Detector Array. , 2009, , .		3
117	Single-particle structure of neutron-rich nuclei. Journal of Physics: Conference Series, 2010, 239, 012007.	0.4	3
118	Comment on â€œProperties of26Mg and26Si in thesdshell model and the determination of the25Al(p,Î³)26Si reaction rateâ€• Physical Review C, 2011, 84, .	2.9	3
119	DEVELOPMENT OF ORRUBA: A SILICON ARRAY FOR THE MEASUREMENT OF TRANSFER REACTIONS IN INVERSE KINEMATICS. , 2008, , .		3
120	Neutron transfer reactions on the ground state and isomeric state of a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>130</mml:mn></mml:mmultiscripts></mml:math> beam. Physical Review C, 2022, 105, .	2.9	3
121	Crossing of shears bands in 196Pb. Zeitschrift FÃ¼r Physik A, 1996, 355, 337-338.	0.9	2
122	Crossing of shears bands in196Pb. Zeitschrift FÃ¼r Physik A, 1996, 355, 337-338.	0.9	2
123	Using (d,pÎ³) as a surrogate reaction for (n,Î³). , 2009, , .		2
124	24Mg(p, Î±)21Na reaction study for spectroscopy of 21Na. Journal of the Korean Physical Society, 2015, 67, 1435-1439.	0.7	2
125	First measurement of proton decay from a transfer reaction to Na21. Physical Review C, 2021, 104, .	2.9	2
126	Developing techniques to study A â¼ 132 nuclei with (d, p) reactions in inverse kinematics. European Physical Journal A, 2005, 25, 283-285.	2.5	1

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127	Neutron Transfer Reactions on Neutron-Rich Nâ€‰=â€‰50 and Nâ€‰=â€‰82 Nuclei Near the r-Process Path. , 2009, , .		1
128	Neutron Transfer Reactions: Surrogates for Neutron Capture for Basic and Applied Nuclear Science. , 2009, , .		1
129	First spin-parity constraint of the 306 keV resonance in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Cl</mml:mi><mml:mprescripts /><mml:none /><mml:mn>35</mml:mn></mml:mmultiscripts></mml:math> for nova nucleosynthesis. Physical Review C, 2017, 95, .	2.9	1
130	Using 19F(3He,t)19Ne*(Î³) to study astrophysically important levels near the 18F+p threshold. AIP Conference Proceedings, 2019, , .	0.4	1
131	Proton spectroscopic strengths of 18Ne. AIP Conference Proceedings, 2019, , .	0.4	1
132	PROBING SINGLE-NEUTRON LEVELS IN 127,129Sn VIA TRANSFER REACTIONS. , 2013, , .		1
133	Proton branching ratios of Mg23 levels. Physical Review C, 2022, 105, .	2.9	1
134	Neutron capture on193Ir and Ïƒ<Ïƒmaxstates in195Ir. Journal of Physics G: Nuclear Physics, 1988, 14, S103-S108.	0.8	0
135	Gamma Ray Induced Doppler broadening and the determination of lifetimes of excited nuclear states. , 1991, , .		0
136	Nonâ€γrast spectroscopy of tellurium nuclei. , 1991, , .		0
137	The Argonne Fragment Mass Analyzer and measurements of entry distributions. AIP Conference Proceedings, 2001, , .	0.4	0
138	High-spin states in neutron-rich Rh isotopes. AIP Conference Proceedings, 2002, , .	0.4	0
139	Limits Of The Energy-Spin Phase Space Beyond The Proton Drip Line: Entry Distributions Of Pt And Au Isobars. AIP Conference Proceedings, 2003, , .	0.4	0
140	Publisherâ€™s Note: Shape coexistence and band crossings inPt174[Phys. Rev. C70, 014309 (2004)]. Physical Review C, 2004, 70, .	2.9	0
141	Studies Of Neutron-Rich Nuclei With (d,p) Reactions In Inverse Kinematics At The HRIBF. AIP Conference Proceedings, 2005, , .	0.4	0
142	Neutron-transfer reaction studies with fission fragment radioactive ion beams near [sup 132]Sn. , 2009, , .		0
143	Study of near-stability nuclei populated as fission fragments in heavy-ion fusion reactions. , 2011, , .		0
144	HRIBF studies of r-process nuclei and first results with the new SuperORRUBA detector. , 2013, , .		0

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145	TRANSFER REACTION EXPERIMENTS WITH FISSION FRAGMENTS. , 2013, , .		0
146	Direct reaction experimental studies with beams of radioactive tin ions. AIP Conference Proceedings, 2015, , .	0.4	0
147	Rotational bands in the proton emitters 131Eu and 141Ho. , 2003, , 342-343.		0
148	OBSERVATION OF UNUSUALLY NEUTRON-DEFICIENT FISSION FRAGMENTS IN HEAVY-ION-INDUCED FUSION REACTIONS. , 2003, , .		0
149	GAMMASPHERE AND ORRUBA: DUAL DETECTORS FOR EXPERIMENTAL STRUCTURE STUDIES. , 2013, , .		0
150	PERFORMANCE OF VANDLE MEASURING BETA-DELAYED NEUTRON SPECTRA OF FISSION FRAGMENTS. , 2013, , .		0
151	Negative-Parity States in 196Pt. , 1979, , 579-581.		0
152	Transfer Reactions with 134Xe. , 2017, , .		0
153	Single-neutron excitations in neutron-rich N = 51 nuclei. , 2005, , 371-374.		0
154	Developing techniques to study A âˆ¼ 132 nuclei with (d, p) reactions in inverse kinematics. , 2005, , 283-285.		0
155	Proton Decay of 21Na for 20Ne Energy Levels. Journal of the Korean Physical Society, 2020, 77, 383-387.	0.7	0
156	Spin inhibition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> -decay probabilities for states above <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>S</mml:mi><mml:mi>n</mml:mi></mml:msub></mml:ma in Sm and Dy nuclei. Physical Review C, 2022, 105, .	2.9	0