

LÃ-dia S Ferreira

List of Publications by Year in descending order

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73
papers

1,059
citations

471509

17
h-index

414414

32
g-index

73
all docs

73
docs citations

73
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear liquid-gas phase transition. <i>Physical Review C</i> , 1999, 59, 682-703.	2.9	150
2	Nucleon Decay from Deformed Nuclei. <i>Physical Review Letters</i> , 1998, 81, 538-541.	7.8	124
3	Proton emission from deformed nuclei. <i>Physical Review C</i> , 1999, 59, R589-R592.	2.9	77
4	Odd-Odd Deformed Proton Emitters. <i>Physical Review Letters</i> , 2001, 86, 1721-1724.	7.8	71
5	Theoretical description of deformed proton emitters: Nonadiabatic quasiparticle method. <i>Physical Review C</i> , 2003, 67, .	2.9	59
6	Nucleon Resonances in Deformed Nuclei. <i>Physical Review Letters</i> , 1997, 78, 1640-1643.	7.8	56
7	Nuclear matter within the continuous choice. <i>Physical Review C</i> , 1991, 43, 2605-2609.	2.9	45
8	Fine structure in proton emission from deformed ^{131}Eu . <i>Physical Review C</i> , 2000, 61, .	2.9	43
9	Dependence of the decay widths for proton emission on the single particle potential. <i>Physical Review C</i> , 2002, 65, .	2.9	29
10	Fine structure in proton radioactivity: An accurate tool to ascertain the breaking of axial symmetry in T_m in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mmultiscripts} \langle \text{mml:mi mathvariant="normal"} \rangle T_m \langle \text{mml:mprescripts} / \rangle \langle \text{mml:none} / \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 145 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle .$ <i>Physical Review C</i> , 2008, 78, .	2.9	28
11	Application of Gamow resonances to continuum nuclear spectra. <i>Physical Review C</i> , 1988, 37, 876-879.	2.9	27
12	^{151}Lu : Spherical or deformed?. <i>Physical Review C</i> , 2000, 61, .	2.9	26
13	New strongly deformed proton emitter: ^{117}La . <i>Physical Review C</i> , 2001, 63, .	2.9	23
14	The limiting temperature of hot nuclei from microscopic equation of state. <i>Physical Review C</i> , 2004, 69, .	2.9	23
15	Discovery of Rb $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle Rb \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} / \rangle \langle \text{mml:none} / \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 72 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle : A$ <i>Nuclear Sandbank Beyond the Proton Drip Line. Physical Review Letters</i> , 2017, 119, 192503.	7.8	22
16	Decays of drip line nuclei. <i>Progress in Particle and Nuclear Physics</i> , 2007, 59, 418-424.	14.4	20
17	Model dependence of Coulomb-corrected scattering lengths. <i>Physical Review C</i> , 1984, 29, 680-683.	2.9	18
18	Energy dependence of fusion cross sections. <i>Physical Review C</i> , 1996, 53, R18-R19.	2.9	16

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19	Nonadiabatic quasiparticle description of triaxially deformed proton emitters. Physical Review C, 2007, 76, .	2.9	16
20	Separable potentials from Gamow states. Physical Review C, 1985, 32, 685-689.	2.9	14
21	Oblately deformed isomeric proton-emitting state in ^{151}Lu . Physical Review C, 2015, 91, .	2.9	14
22	Nonadiabatic quasiparticle approach for deformed odd-odd nuclei and the proton emitter ^{130}Eu . Physical Review C, 2013, 88, .	2.9	13
23	Nonadiabatic quasiparticle approach for rotation-particle coupling in triaxial odd-A nuclei. Physical Review C, 2017, 95, .	2.9	13
24	Nanosecond-Scale Proton Emission from Strongly Oblate-Deformed ^{149}Lu . Physical Review Letters, 2022, 128, 112501.	7.8	13
25	Dependence of the Landau parameters on the single particle potential. Physical Review C, 1994, 50, 1887-1892.	2.9	12
26	Proton radioactivity and the proton drip line. Nuclear Physics A, 2005, 752, 223-226.	1.5	10
27	Decay of ^{147}Tm and the role of triaxiality studied with a nonadiabatic quasiparticle approach. Physical Review C, 2017, 96, .	2.9	10
28	Triaxiality in the proton emitter ^{109}I . Physical Review C, 2017, 95, .	2.9	10
29	Gamow separable approximations for realistic N-N interactions: Single channel case. Physical Review C, 1986, 33, 1587-1593.	2.9	9
30	Separable nucleon-nucleon potential with delta isobar degrees of freedom. Physical Review C, 1990, 41, 2298-2304.	2.9	7
31	Finite nuclei calculations with realistic potential models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 262, 179-184.	4.1	7
32	Structure of proton-radioactive nuclei. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1569-S1572.	3.6	6
33	Deformation of the proton emitter ^{113}Cs from electromagnetic transition and proton emission rates. Physical Review C, 2016, 94, .	2.9	6
34	Nonadiabatic quasiparticle description of rotation-particle coupling in triaxial odd-odd nuclei. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 125105.	3.6	6
35	^{11}Li Dipole Moments. Europhysics Letters, 1992, 18, 679-684.	2.0	5
36	Interpretation of $^{110}\text{8}$ as an odd-odd \hat{I}^3 -deformed proton emitter. Physical Review C, 2021, 103, .	2.9	5

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37	Eigenvalue problem for Gamow vectors and a separable approximation for the N-N interaction. Physical Review C, 1987, 36, 1743-1746.	2.9	4
38	Resonances: Calculations and Observables. International Journal of Theoretical Physics, 2003, 42, 2117-2130.	1.2	4
39	Behavior of chiral bands in ^{128}Cs and ^{130}La .	2.9	3
40	Asymptotic properties of bound states in coupled quantum wave guides. Journal of Physics A, 2006, 39, 1207-1228.	1.6	2
41	IMPORTANCE OF CORIOLIS INTERACTION IN DEFORMED PROTON EMITTERS. International Journal of Modern Physics E, 2006, 15, 1789-1795.	1.0	2
42	Fine structure in the odd-odd proton emitter ^{144}Tm . Physical Review C, 2022, 105, .	2.9	2
43	Excitations of the Charged Pion Field in Dense Nuclear Medium with a Neutral Condensate. Progress of Theoretical Physics, 1981, 65, 1941-1949.	2.0	1
44	Charged Pion Condensation as a Standing Wave Mode. Progress of Theoretical Physics, 1981, 65, 938-947.	2.0	1
45	Single particle energies in ^{17}O with the Bonn potential. Physical Review C, 1994, 50, 1240-1243.	2.9	1
46	Non-adiabatic quasi-particle model for deformed proton emitters. AIP Conference Proceedings, 2003, , .	0.4	1
47	Deformed proton emitters, Coriolis interaction and pseudo-spin doublets. Physica Scripta, 2006, T125, 49-52.	2.5	1
48	The structure of proton rich nuclei in nuclear astrophysics. Journal of Physics: Conference Series, 2015, 580, 012034.	0.4	1
49	Self-consistent description of deformed nuclei at the proton drip line. EPJ Web of Conferences, 2016, 117, 06004.	0.3	1
50	Modified particle-rotor model and low-lying rotational bands in odd- A triaxial nuclei. Physica Scripta, 2017, 92, 094002.	2.5	1
51	Beyond the Proton Drip-Line. Lecture Notes in Physics, 0, , 137-156.	0.7	1
52	Exact calculations for deformed proton emitters. AIP Conference Proceedings, 2000, , .	0.4	0
53	Proton emission from drip-line nuclei. AIP Conference Proceedings, 2002, , .	0.4	0
54	Proton decay of near-spherical nuclei. AIP Conference Proceedings, 2003, , .	0.4	0

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55	Importance of Coriolis interaction and pseudo-spin doublets in deformed proton emitters. AIP Conference Proceedings, 2006, , .	0.4	0
56	Triaxially deformed proton emitters. AIP Conference Proceedings, 2007, , .	0.4	0
57	Theoretical aspects of proton emission from deformed nuclei. AIP Conference Proceedings, 2007, , .	0.4	0
58	Triaxial deformations in the proton emitters [^{sup} 161]Re and [^{sup} 185]Bi. AIP Conference Proceedings, 2008, , .	0.4	0
59	The structure and shape of exotic nuclei beyond the proton drip-line. , 2008, , .		0
60	Proton emission as a probe for Partial Rotation Alignment. Nuclear Physics A, 2010, 834, 416c-419c.	1.5	0
61	Probing the nuclear structure of drip-line nuclei. , 2010, , .		0
62	Nuclear Structure Studies at the Borders of Stability. Journal of Physics: Conference Series, 2011, 312, 092024.	0.4	0
63	Nonadiabatic effects in odd-odd deformed proton emitters. , 2011, , .		0
64	Theoretical studies of proton emission from drip-line nuclei.. , 2011, , .		0
65	Two-proton sequential decay from excited states of [^{sup} 18]Ne. , 2011, , .		0
66	Nuclear Structure Studies of Exotic Nuclei. , 2011, , .		0
67	Assigning $\hat{1}^3$ deformation from fine structure in exotic nuclei. , 2011, , .		0
68	Theoretical studies of exotic drip-line nuclei. , 2012, , .		0
69	Theoretical studies of nuclei at the proton drip-line. Journal of Physics: Conference Series, 2013, 420, 012053.	0.4	0
70	Proton emission from the deformed odd-odd nuclei near drip line. Journal of Physics: Conference Series, 2016, 665, 012049.	0.4	0
71	Progresses in proton radioactivity studies. AIP Conference Proceedings, 2016, , .	0.4	0
72	New developments in the theory of proton radioactivity. , 2003, , 135-138.		0

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73	Proton emission study as a guide to astrophysical rp process. EPJ Web of Conferences, 2022, 260, 11039.	0.3	0