Odilon LourenÃ§o

List of Publications by Year
in descending order

58	1,615	430874	289244
papers	citations	18	40
		h-index	g-index

59	59	59	932
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dark matter component in hadronic models with short-range correlations. Physical Review D, 2022, 105, .	4.7	16
2	Thermodynamical phases in a PNJL model at zero temperature. European Physical Journal C, 2021, 81, 1.	3.9	8
3	Neutron star cooling and GW170817 constraint within quark-meson coupling models *. Chinese Physics C, 2021, 45, 025101.	3.7	4
4	Analysis of critical parameters for nonrelativistic models of symmetric nuclear matter. Physical Review C, 2021, 103, .	2.9	0
5	Tidal deformability of strange stars and the GW170817 event. Physical Review D, 2021, 103, .	4.7	17
6	Neutron star crustal properties from relativistic mean-field models and bulk parameters effects. European Physical Journal A, 2021, 57, 1.	2.5	2
7	PNJL model at zero temperature: The three-flavor case. Physical Review D, 2021, 104, .	4.7	5
8	Constraints and correlations of nuclear matter parameters from a density-dependent van der Waals model. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 035101.	3.6	8
9	GW170817 constraints analyzed with Gogny forces and momentum-dependent interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135306.	4.1	14
10	Effects of short-range nuclear correlations on the deformability of neutron stars. Physical Review C, 2020, 101, .	2.9	23
11	Consistent Skyrme parametrizations constrained by GW170817. European Physical Journal A, 2020, 56, 1.	2.5	24
12	The holographic paradigm of hadron dynamics for medium modified nuclear matters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135339.	4.1	2
13	Neutron stars in $f(\mathcal{R}, T)$ gravity using realistic equations of state in the light of massive pulsars and GW170817. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 039-039.	5.4	33
14	Revisiting the thermal relaxation of neutron stars. Astronomy and Astrophysics, 2020, 642, A42.	5.1	8
15	Skyrme and Relativistic Mean-Field Models in the Description of Symmetric, Asymmetric, and Stellar Nuclear Matter. , 2020, , 27-65.		0
16	A Density-dependent van der Waals Model under the GW170817 Constraint. Astrophysical Journal, 2019, 882, 67.	4.5	15
17	Confinement effects from a PNJL model at zero temperature regime. Journal of Physics: Conference Series, 2019, 1291, 012031.	0.4	4
18	Consistent Skyrme parametrization and its critical parameter values. Journal of Physics: Conference Series, 2019, 1291, 012040.	0.4	1

#	Article	IF	Citations
19	Consistent relativistic mean-field models: symmetry energy parameter. Journal of Physics: Conference Series, 2019, 1291, 012043.	0.4	1
20	Consistent relativistic mean-field models constrained by GW170817. Physical Review C, 2019, 99, .	2.9	58
21	The symmetry energy ${oldsymbol{gamma}}$ parameter of relativistic mean-field models. Chinese Physics C, 2018, 42, 064105.	3.7	6
22	$$B^+ightarrow K^-pi ^+pi ^+$$ B + â†' K - Ï€ + Ï€ + : Three-Body Final State Interactions and $$Kpi $$ K Ï€ Isospin States. Few-Body Systems, 2017, 58, 1.	1.5	4
23	Critical parameters of consistent relativistic mean-field models. Physical Review C, 2017, 95, .	2.9	22
24	Stellar properties and nuclear matter constraints. Physical Review C, 2016, 93, .	2.9	61
25	Correlations between critical parameters and bulk properties of nuclear matter. Physical Review C, 2016, 94, .	2.9	19
26	Charmless Three-Body B-decays: final state interaction and CP violation. Journal of Physics: Conference Series, 2016, 706, 042010.	0.4	0
27	Correlations between bulk parameters in relativistic and nonrelativistic hadronic mean-field models. Physical Review C, 2015, 92, .	2.9	15
28	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math>violation: Dalitz interference,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi><mml:mi>T</mml:mi></mml:math>, and final state interactions. Physical Review D, 2015, 92, .	4.7	28
29	Correlations between the nuclear matter symmetry energy, its slope, and curvature. Journal of Physics: Conference Series, 2015, 630, 012033.	0.4	3
30	Nuclear Matter Bulk Parameter Scales and Correlations. Few-Body Systems, 2015, 56, 779-785.	1.5	0
31	CP violation and CPT invariance in charmless B decays. Nuclear and Particle Physics Proceedings, 2015, 258-259, 167-170.	0.5	1
32	Inverse magnetic catalysis in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn><mml:mo>) Tj ET Q q0 0 1 rg BT /Overl... Polyakovâ€“Nambuâ€“Jona-Lasinio model. Physical Review D, 2014, 89, .	4.7	11
33	<mml:math ...display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math>violation and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi><mml:mi>T</mml:mi></mml:math>invariance in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi><mml:mo>Â±</mml:mo></mml:msup></mml:math>decays	4.7	41
34	Relativistic mean-field hadronic models under nuclear matter constraints. Physical Review C, 2014, 90, .	2.9	331
35	Correlations between the nuclear matter symmetry energy, its slope, and curvature from a nonrelativistic solvable approach and beyond. Physical Review C, 2014, 90, .	2.9	18
36	Final state interaction in D + â†' K â‚¬ Ï€ + Ï€ + with KÏ€ I = 1/2 and 3/2 channels. Journal of High Energy Physics, 2014, 2014, 1.	4.7	15

#	Article	IF	Citations
37	Heavy Meson Decay in Three-Mesons and FSI. Few-Body Systems, 2014, 55, 441.	1.5	2
38	Polyakovâ€"Nambuâ€"Jona-Lasinio phase diagrams and quarkyonic phase from order parameters. Physical Review D, 2013, 88, .	4.7	21
39	Relativistic mean-field models and nuclear matter constraints. , 2013, , .		2
40	Influence of pions on the hadron-quark phase transition. , 2013, , .		0
41	Vector interaction strength in Polyakovâ€"Nambuâ€"Jona-Lasinio models from hadron-quark phase diagrams. Physical Review D, 2012, 85, .	4.7	32
42	Skyrme interaction and nuclear matter constraints. Physical Review C, 2012, 85, .	2.9	473
43	Point-coupling Models from Mesonic Hypermassive Limit and Mean-field Approaches. Brazilian Journal of Physics, 2012, 42, 227-236.	1.4	1
44	Hadron-quark phase transition in a hadronic and Polyakovâ€"Nambuâ€"Jona-Lasinio models perspective. Physical Review D, 2011, 84, .	4.7	26
45	USING SKYRME MODELS TO DESCRIBE ASYMMETRIC NUCLEAR MATTER. , 2010, , .		0
46	Quark Condensate and Nucleon-Antinucleon Phase Transition from Hadronic Models at Finite Temperature. Nuclear Physics, Section B, Proceedings Supplements, 2010, 199, 349-352.	0.4	2
47	Nonrelativistic approaches derived from point-coupling relativistic models. Physical Review C, 2010, 81, .	2.9	4
48	SKYRME MODELS AND NUCLEAR MATTER PROPERTIES. International Journal of Modern Physics D, 2010, 19, 1583-1586.	2.1	2
49	NONRELATIVISTIC LIMITS OF THE NONLINEAR POINT-COUPLING MODELS AND THEIR NATURALNESS. International Journal of Modern Physics D, 2010, 19, 1469-1475.	2.1	1
50	On the Influence of Topological Catenation and Bonding Constraints on Ring Polymers. Macromolecules, 2010, 43, 2564-2573.	4.8	30
51	COLD NUCLEAR MATTER DESCRIBED BY NONLINEAR RELATIVISTIC POINT-COUPLING MODELS IN $\ddot{\imath}$s = $\ddot{\imath}$• APPROACH. , 2010, , .		0
52	Nonlinear Walecka models and point-coupling relativistic models. Physical Review C, 2009, 80, .	2.9	4
53	Critical behavior of mean-field hadronic models for warm nuclear matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 664, 246-252.	4.1	19
54	Skyrme forces versus relativistic models: Reexamining instabilities. Physical Review C, 2008, 77, .	2.9	18

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55	PHASE TRANSITIONS IN ASYMMETRIC NUCLEAR MATTER. International Journal of Modern Physics D, 2007, 16, 277-283.	2.1	1
56	POINT-COUPLING AND NONLINEAR WALECKA MODELS CONNECTION. International Journal of Modern Physics E, 2007, 16, 3037-3040.	1.0	17
57	RELATIVISTIC SOMMERFELD LOW TEMPERATURE EXPANSION. International Journal of Modern Physics D, 2007, 16, 285-289.	2.1	1
58	PHASE COEXISTENCE AND SPINODALS IN ASYMMETRIC NUCLEAR MATTER. International Journal of Modern Physics E, 2007, 16, 3006-3009.	1.0	1