Alberto MartÃ-nez Torres

List of Publications by Year
in descending order

Version: 2024-02-01

58 papers	1,372 citations	279798 23 h-index	330143 37 g-index
58 all docs	58 docs citations	58 times ranked	516 citing authors

#	Article	IF	Citations
1	$$N^*$$ states with hidden charm and a three-body nature. European Physical Journal A, 2022, 58, 1.	2.5	5
2	Masses and widths of the exotic molecular <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi>B</mml:mi><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>s</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (stretchy="false">)</mml:mo><mml:mo stretchy="false">(</mml:mo><mml:mo>*</mml:mo><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 677 Td (stretchy="false">)</mml:mo	4.7	11
3	Decay properties of N*(1895). Physical Review D, 2021, 103, .	4.7	4
4	Photoproduction of Î›* and Î£* resonances with JP=1/2â^' off the proton. Physical Review D, 2021, 103, .	4.7	4
5	Partial decay widths of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Ï•</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>2170</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 577 Td (stretchy="false">)</mml:mo></mml:mrow></mml:math>	4.7	6
6	Decay processes of a pseudoscalar D(2900). Physical Review D, 2021, 104, .	4.7	1
7	Few-Body Systems Consisting of Mesons. Few-Body Systems, 2020, 61, 1.	1.5	19
8	Production of the predicted K*(4307) in B decays. Physical Review D, 2020, 102, .	4.7	2
9	Strong decays of the explicitly exotic doubly charmed DDK bound state. Physical Review D, 2020, 101, .	4.7	18
10	Hyperon resonances coupled to pseudoscalar- and vector-baryon channels. Physical Review C, 2019, 100, .	2.9	12
11	Bound state formation in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>D</mml:mi><mml:mi>D</mml:mi><mml:mi>K</mml:mi></mml:mrow></mml:math> system. Physical Review D, 2019, 99, .	4.7	21
12	On the two-body decay processes of the predicted three-body K*(4307) resonance. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
13	Heavy (K^{*}(4307)) Meson with Hidden Charm in the (KDar{D}^{*}) System. , 2019, , .		0
14	Update on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>Ï^</mml:mi> regeneration in a hadron gas. Physical Review C, 2018, 97, .	2.9	17
15	Absorption and production cross sections of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>K</mml:mi><mml:mo>*</mml:mo></mml:msup></mml:math>. Physical Review D, 2018, 97, .	4.7	8
16	Effective Field Theories in a Finite Volume. Few-Body Systems, 2018, 59, 1.	1.5	0
17	KâŽ mesons with hidden charm arising from KX(3872) and KZ(3900) dynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 112-117.	4.1	28
18	X (3872) production and absorption in a hot hadron gas. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 303-309.	4.1	35

#	Article	IF	Citations
19	Reanalysis of lattice QCD spectra leading to the D s0 âˆ— (2317) and D s1 âˆ— (2460). Journal of High Energy Physics, 2015, 2015, 1.	4.7	66
20	Signature of anh1state fromJ/Ïˆâ†’Î·K*0KÌ„*0and theoretical description of theZc(3900) andZc(4020) asDDÌ„* andD*DÌ„* molecular states. EPJ Web of Conferences, 2014, 81, 01011.	0.3	0
21	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>X</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3872</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 657 Td (stretchy="false">)</mml:mo></mml:mrow></mml:math> Prediction of an<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>I</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>D</mml:mi><mml:msup><mml:mover accent="true"><mml:mi>D</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover><mml:mo>*</mml:mo></mml:msup></mml:math>state and re	4.7	48
22	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>D</mml:mi><mml:mo>*</mml:mo></mml:msup><mml:mover accent="true"><mml:mi>D</mml:mi><mml:mo accent="true" stretchy="false">Â¯</mml:mo></mml:mover><mml:mo>*</mml:mo></mml:msup></mml:math>currents with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>J</mml:mi><mml:mi>I€</mml:mi></mml:msup><mml:mo>=</mml:mo><mml:msup><mml:mn>	4.7	93
23	Few Body Systems Made of Pseudoscalars. Few-Body Systems, 2013, 54, 333-337.	1.5	0
24	Resonances Generated by the Vector Meson-Baryon Dynamics. Few-Body Systems, 2013, 54, 343-346.	1.5	0
25	The role of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>f</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn></mml:mrow></mml:msub></mml:math>	4.1	25
26	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" display="inline"><mml:msub><mml:mi>f</mml:mi><mml:mn>1</mml:mn></mml:msub><mml:mo>(</mml:mo><mml:mn>1420</mml:mn><mml:mo>)</mml:mo></mml:math> and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ï‡</mml:mi><mml:mn>1</mml:mn></mml:msup><mml:mo>(</mml:mo><mml:msup><mml:mn>2</mml:mn><mml:mo>â€²</mml:mo></mml:msup><mml:mo>)	4.7	25
27	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>N</mml:mi><mml:mo>*</mml:mo></mml:msup></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î”</mml:mi></mml:math>r	4.7	25
28	Predicting the existence of a 2.9ÂGeVDf0(980)molecular state. Physical Review D, 2013, 87, .	4.7	9
29	Negative parityÎ›andÎ£resonances coupled to pseudoscalar and vector mesons. Physical Review D, 2012, 85, .	4.7	21
30	Strategy to find the two<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î</mml:mi><mml:mo>(</mml:mo><mml:mn>1405</mml:mn><mml:mo>)</mml:mo></mml:mrow></mml:math> from lattice QCD simulations. Physical Review C, 2012, 86, .	2.9	27
31	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi><mml:mi>D</mml:mi></mml:math>,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î</mml:mi><mml:msub><mml:mi>D</mml:mi><mml:mi>s</mml:mi></mml:msub></mml:math>interaction in finite volume and the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>D</mml:mi><mml:mrow><mml:mi>s</mml:mi><mml:mo>*</mml:mo><mml:mn>0</mml:mn></mml:mrow>	4.7	55
32	Magnetic moments of the low-lying JP = 1/2-, 3/2- $Lambda$ resonances within the framework of the chiral quark model. European Physical Journal A, 2012, 48, 1.	2.5	16
33	Theoretical study of incoherent Ï† photoproduction on a deuteron target. European Physical Journal A, 2012, 48, 1.	2.5	4
34	Three Body Systems with Strangeness and Exotic Systems. Few-Body Systems, 2011, 50, 129-135.	1.5	0
35	Î”Ï€ Interaction Leading to N* and Î”* Resonances. Few-Body Systems, 2011, 50, 223-225.	1.5	1
36	Limits to the fixed center approximation to Faddeev equations: The case of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï•</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>2170</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 52 Td (stretchy="false">)</mml:mo></mml:mrow></mml:math>	4.7	36

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37	Theoretical support for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ī€</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1300</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (stretchy="false">)	4.7	24
38	Coupling vector and pseudoscalar mesons to study baryon resonances. Physical Review D, 2011, 84, .	4.7	56
39	Faddeev fixed-center approximation to the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>N</mml:mi><mml:mi>KÌ„</mml:mi><mml:mi>K</mml:mi></mml:mrow></mml:math>system and the signature of a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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55	S = â^'1 resonances in two meson-one baryon systems. Few-Body Systems, 2008, 44, 145-147.	1.5	4
56	The N*(1710) as a resonance in the Ï€Ï€N system. European Physical Journal A, 2008, 37, 233-243.	2.5	68
57	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>X</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>2175</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (stretchy="al xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï</mml:mi><mml:mi>K</mml:mi><mml:mover accent="true"><mml:mi>K</mml:mi>	4.7	117
58	Three-body resonances in two-mesonâ€“one-baryon systems. Physical Review C, 2008, 77, .	2.9	87