

Alberto Martínez Torres

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4146596/publications.pdf>

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	<p> $\chi^2 = \sum_{i=1}^N \frac{(T_i - \mu)^2}{\sigma_i^2}$ </p> <p> Prediction of an Ω_{cc} baryon resonance. Physical Review D, 2006, 74, . </p>	4.7	117
2	<p> $D^* \rightarrow D \pi$ </p> <p> Faddeev fixed-center approximation to the Ω_{cc} baryon resonance. Physical Review D, 2006, 74, . </p>	4.7	93
3	<p> Three-body resonances in two-meson-one-baryon systems. Physical Review C, 2008, 77, . </p>	2.9	87
4	<p> The $N^*(1710)$ as a resonance in the $\bar{K}N$ system. European Physical Journal A, 2008, 37, 233-243. </p>	2.5	68
5	<p> Solution to Faddeev equations with two-body experimental amplitudes as input and application to $J^P = 1/2^+, S = 0$ baryon resonances. Physical Review C, 2009, 79, . </p>	2.9	68
6	<p> Reanalysis of lattice QCD spectra leading to the $D_{s0}^*(2317)$ and $D_{s1}^*(2460)$. Journal of High Energy Physics, 2015, 2015, 1. </p>	4.7	66
7	<p> $Y(4260) \rightarrow J/\psi \bar{K} K$ </p> <p> $Y(4260)$ as a $\bar{K}N$ resonance. Physical Review D, 2009, 80, . </p>	4.7	60
8	<p> Coupling vector and pseudoscalar mesons to study baryon resonances. Physical Review D, 2011, 84, . </p>	4.7	56
9	<p> $K \rightarrow D \pi$ </p> <p> $\bar{K} \rightarrow D \pi$ </p> <p> Coupling vector and pseudoscalar mesons to study baryon resonances. Physical Review D, 2011, 84, . </p>	4.7	55
10	<p> Searching for signatures around 1920 MeV of a N^* state of three hadron nature. European Physical Journal A, 2009, 41, 361-368. </p>	2.5	44
11	<p> $X \rightarrow \bar{K} \Lambda$ </p> <p> $X \rightarrow \bar{K} \Sigma$ </p> <p> Faddeev fixed-center approximation to the Ω_{cc} baryon resonance. Physical Review D, 2006, 74, . </p>	4.7	44
12	<p> $N \rightarrow K \Lambda$ </p> <p> Searching for signatures around 1920 MeV of a N^* state of three hadron nature. European Physical Journal A, 2009, 41, 361-368. </p>		

#	ARTICLE	IF	CITATIONS
19	K \bar{K} 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
20	Strategy to find the two $\Lambda(1405)$ resonances from lattice QCD simulations. Physical Review C, 2012, 86, 014002.	4.1	27
21	Role of vector and pseudoscalar mesons in understanding $\Lambda(1405)$. Physical Review D, 2012, 85, 014002.	4.1	25
22	Bound state formation in the $\Lambda(1405)$ system. Physical Review D, 2019, 99, .	4.7	25
23	Novel Interpretation of the $\Lambda(1405)$ Pentaquark Peak. Physical Review Letters, 2010, 105, 092001.	4.7	24
24	Negative parity Λ and Σ resonances coupled to pseudoscalar and vector mesons. Physical Review D, 2012, 85, .	4.7	21
25	Bound state formation in the $\Lambda(1405)$ system. Physical Review D, 2019, 99, .	4.7	21
26	Few-Body Systems Consisting of Mesons. Few-Body Systems, 2020, 61, 1.	1.5	19
27	Masses and widths of the exotic molecular B_s resonances. Physical Review D, 2020, 101, .	4.7	19
28	Strong decays of the explicitly exotic doubly charmed DDK bound state. Physical Review D, 2020, 101, .	4.7	18
29	Update on $\Lambda(1405)$ regeneration in a hadron gas. Physical Review C, 2018, 97, .	4.7	17
30	Magnetic moments of the low-lying $J^P = 1/2^-, 3/2^-$ Λ resonances within the framework of the chiral quark model. European Physical Journal A, 2012, 48, 1.	2.5	16
31	The $\Lambda(1405)$ pentaquark peak and an alternative explanation for the $\Lambda(1405)$ peak. Physical Review C, 2010, 81, .	2.9	15
32	Hyperon resonances coupled to pseudoscalar- and vector-baryon channels. Physical Review C, 2019, 100, .	2.9	12
33	Predicting the existence of a 2.9 GeV molecular state. Physical Review D, 2013, 87, .	4.7	9
34	Absorption and production cross sections of K^* and K^* resonances. Physical Review D, 2018, 97, .	4.7	8
35	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

#	ARTICLE	IF	CITATIONS
37	Dynamically Generated Resonances. Progress of Theoretical Physics Supplement, 2010, 186, 124-133.	0.1	6
38	Partial decay widths of $\tilde{\Lambda}^*$ resonances. Progress of Theoretical Physics Supplement, 2010, 186, 124-133.	0.1	6
39	N^* states with hidden charm and a three-body nature. European Physical Journal A, 2022, 58, 1.	2.5	5
40	$S = \frac{1}{2}$ resonances in two meson-one baryon systems. Few-Body Systems, 2008, 44, 145-147.	1.5	4
41	Theoretical study of incoherent $\tilde{\Lambda}^*$ photoproduction on a deuteron target. European Physical Journal A, 2012, 48, 1.	2.5	4
42	Decay properties of $N^*(1895)$. Physical Review D, 2021, 103, .	4.7	4
43	Photoproduction of $\tilde{\Lambda}^*$ and $\tilde{\Sigma}^*$ resonances with $JP=1/2^+$ off the proton. Physical Review D, 2021, 103, .	4.7	4
44	Nucleon resonances from three-hadron interactions. , 2010, , .		3
45	Production of the predicted $K^*(4307)$ in B decays. Physical Review D, 2020, 102, .	4.7	2
46	An alternative explanation for the $\Theta(1540)$ pentaquark peak. , 2010, , .		1
47	$\tilde{\Lambda}^*$ Interaction Leading to N^* and $\tilde{\Sigma}^*$ Resonances. Few-Body Systems, 2011, 50, 223-225.	1.5	1
48	Decay processes of a pseudoscalar $D(2900)$. Physical Review D, 2021, 104, .	4.7	1
49	Exotic states in the $S=1$ N - π - K system and low-lying $1/2^+$ $S=-1$ resonances. EPJ Web of Conferences, 2010, 3, 07016.	0.3	0
50	N^* resonances in the $\tilde{\Lambda}^*$ system. EPJ Web of Conferences, 2010, 3, 03009.	0.3	0
51	Three Body Systems with Strangeness and Exotic Systems. Few-Body Systems, 2011, 50, 129-135.	1.5	0
52	Critical view of the claimed $\tilde{\Lambda}^*$ pentaquark. , 2011, , .		0
53	An alternative interpretation of the $\tilde{\Lambda}^*(1540)$ peak in the $\tilde{\Lambda}^* \rightarrow \Lambda^0 \pi^0$ K^* system. , 2011, , .		0
54	Few Body Systems Made of Pseudoscalars. Few-Body Systems, 2013, 54, 333-337.	1.5	0

#	ARTICLE	IF	CITATIONS
55	Resonances Generated by the Vector Meson-Baryon Dynamics. <i>Few-Body Systems</i> , 2013, 54, 343-346.	1.5	0
56	Signature of an h_1 state from $J/\psi \rightarrow \psi' K^* K^0$ and theoretical description of the $Z_c(3900)$ and $Z_c(4020)$ as $D\bar{D}^*$ and $D^* \bar{D}$ molecular states. <i>EPL Web of Conferences</i> , 2014, 81, 01011.	0.3	0
57	Effective Field Theories in a Finite Volume. <i>Few-Body Systems</i> , 2018, 59, 1.	1.5	0
58	Heavy ($K^*(4307)$) Meson with Hidden Charm in the $(K\bar{D}^*)$ System. , 2019, , .		0