

Jorge Segovia

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93
papers

1,662
citations

25
h-index

36
g-index

115
ext. papers

2,380
ext. citations

3.6
avg, IF

5.42
L-index

#	Paper	IF	Citations
93	The $D_0(2590)^+$ as the dressed $cs\bar{c}(2150)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022 , 827, 136998	4.2	0
92	Hidden-charm tetraquarks with strangeness in the chiral quark model. <i>Physical Review D</i> , 2021 , 104,	4.9	5
91	Form factors of the nucleon axial current. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 815, 136150	4.2	3
90	Masses of positive- and negative-parity hadron ground-states, including those with heavy quarks. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	8
89	$sQq\bar{q}\bar{q}$ ($q=u, d; Q=c, b$) tetraquarks in the chiral quark model. <i>Physical Review D</i> , 2021 , 103,	4.9	2
88	Revealing the structure of light pseudoscalar mesons at the electron-positron collider. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021 , 48, 075106	2.9	16
87	Exotic resonances of fully-heavy tetraquarks in a lattice-QCD inspired quark model. <i>Physical Review D</i> , 2021 , 104,	4.9	3
86	Diquark correlations in hadron physics: Origin, impact and evidence. <i>Progress in Particle and Nuclear Physics</i> , 2021 , 116, 103835	10.6	32
85	Historical Introduction to Chiral Quark Models. <i>Symmetry</i> , 2021 , 13, 252	2.7	1
84	Dynamical diquarks in the $(\vec{\gamma} \rightarrow N(1535)\frac{1}{2}^-)$ transition. <i>European Physical Journal A</i> , 2021 , 57, 1	2.5	3
83	Diffusion Monte Carlo calculations of fully-heavy multiquark bound states. <i>Physical Review D</i> , 2020 , 102,	4.9	12
82	Nucleon elastic form factors at accessible large spacelike momenta. <i>Physical Review D</i> , 2020 , 102,	4.9	12
81	$QQs\bar{b}$ tetraquarks in the chiral quark model. <i>Physical Review D</i> , 2020 , 102,	4.9	6
80	Doubly charmed pentaquarks. <i>Physical Review D</i> , 2020 , 101,	4.9	13
79	Triply heavy baryons in the constituent quark model. <i>Chinese Physics C</i> , 2020 , 44, 023102	2.2	15
78	Spectroscopy of (\mathbf{B}_c) mesons and the possibility of finding exotic (\mathbf{B}_c) -like structures. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	8
77	Description of the (Z_c) Exotics States in a Quark Model Coupled Channel Calculation. <i>Springer Proceedings in Physics</i> , 2020 , 697-700	0.2	

76	Nucleon Parton Distribution Amplitude: A Scalar Diquark Picture. <i>Springer Proceedings in Physics</i> , 2020 , 773-781	0.2	2
75	Double-heavy tetraquarks. <i>Physical Review D</i> , 2020 , 101,	4.9	24
74	Tetra- and Penta-Quark Structures in the Constituent Quark Model. <i>Symmetry</i> , 2020 , 12, 1869	2.7	22
73	Effective charge from lattice QCD. <i>Chinese Physics C</i> , 2020 , 44, 083102	2.2	31
72	Strong QCD from Hadron Structure Experiments. <i>International Journal of Modern Physics E</i> , 2020 , 29, 2030006	0.7	14
71	Nucleon-to-resonance form factors at large photon virtualities 2020 ,		1
70	QCD spin effects in the heavy hybrid potentials and spectra. <i>Physical Review D</i> , 2020 , 101,	4.9	10
69	A Brief Review of Chiral Chemical Potential and Its Physical Effects. <i>Symmetry</i> , 2020 , 12, 2095	2.7	2
68	Heavy mesons in the Quark Model. <i>EPJ Web of Conferences</i> , 2019 , 199, 01012	0.3	
67	Spectrum and structure of octet and decuplet baryons and their positive-parity excitations. <i>Physical Review D</i> , 2019 , 100,	4.9	13
66	Structure of the Nucleon and Its First Radial Excitation. <i>Few-Body Systems</i> , 2019 , 60, 1	1.6	2
65	Strong Running Coupling from the Gauge Sector of Domain Wall Lattice QCD with Physical Quark Masses. <i>Physical Review Letters</i> , 2019 , 122, 162002	7.4	33
64	The (Z_c) structures in a coupled-channels model. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	14
63	Nucleon-to-Roper electromagnetic transition form factors at large Q^2 . <i>Physical Review D</i> , 2019 , 99,	4.9	27
62	Masses of ground-state mesons and baryons, including those with heavy quarks. <i>Physical Review D</i> , 2019 , 100,	4.9	24
61	Electric dipole transitions of 1P bottomonia. <i>Physical Review D</i> , 2019 , 99,	4.9	6
60	Pion and kaon structure at the electron-ion collider. <i>European Physical Journal A</i> , 2019 , 55, 1	2.5	52
59	Transition form factors: $\pi^+p \rightarrow \rho(1232)$, $\rho(1600)$. <i>Physical Review D</i> , 2019 , 100,	4.9	10

58	Spin structure of heavy-quark hybrids. <i>Physical Review D</i> , 2019 , 99,	4.9	18
57	Hidden-bottom pentaquarks. <i>Physical Review D</i> , 2019 , 99,	4.9	18
56	Structure of the nucleon's low-lying excitations. <i>Physical Review D</i> , 2018 , 97,	4.9	27
55	The S- and P-Wave Low-Lying Baryons in the Chiral Quark Model. <i>Few-Body Systems</i> , 2018 , 59, 1	1.6	21
54	Nucleon Viewed as a Borromean Bound-State. <i>Few-Body Systems</i> , 2018 , 59, 1	1.6	1
53	Charmonium resonances in the 3.9 GeV/c ² energy region and the X(3915)/X(3930) puzzle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 778, 1-5	4.2	26
52	The charm/bottom quark mass from heavy quarkonium at N ³ LO. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	21
51	Threshold effects in hadron spectrum: a new spectroscopy?. <i>EPJ Web of Conferences</i> , 2018 , 182, 02094	0.3	
50	P-wave heavy quarkonium spectrum with next-to-next-to-next-to-leading logarithmic accuracy. <i>Physical Review D</i> , 2018 , 98,	4.9	11
49	Determination of electric dipole transitions in heavy quarkonia using potential non-relativistic QCD. <i>Journal of Physics: Conference Series</i> , 2018 , 1024, 012016	0.3	1
48	Valence-Quark Structure of N* Resonances from DSEs. <i>Few-Body Systems</i> , 2018 , 59, 1	1.6	
47	Parton distribution amplitudes: Revealing correlations within the proton and Roper. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 783, 263-267	4.2	26
46	Light-meson masses in an unquenched quark model. <i>Physical Review D</i> , 2018 , 97,	4.9	10
45	Threshold effects in P-wave bottom-strange mesons. <i>Physical Review D</i> , 2017 , 95,	4.9	15
44	Flavour decomposition of electromagnetic transition form factors of nucleon resonances. <i>EPJ Web of Conferences</i> , 2017 , 137, 05024	0.3	
43	Parity partners in the baryon resonance spectrum. <i>Physical Review C</i> , 2017 , 96,	2.7	26
42	pNRQCD determination of E1 radiative transitions. <i>EPJ Web of Conferences</i> , 2017 , 137, 06026	0.3	2
41	Elastic and Transition Form Factors in DSEs 2017 , 91-96		

40	Molecular components in $D^*s_0(2317)$ and $Ds_1(2460)$ mesons. <i>EPJ Web of Conferences</i> , 2016 , 130, 02009	0.3	0
39	Bottomonium spectrum revisited. <i>Physical Review D</i> , 2016 , 93,	4.9	56
38	Baryons and the Borromeo. <i>Few-Body Systems</i> , 2016 , 57, 1067-1076	1.6	10
37	Dissecting nucleon transition electromagnetic form factors. <i>Physical Review C</i> , 2016 , 94,	2.7	27
36	Puzzles in quarkonium hadronic transitions with two pion emission 2016 ,		2
35	$(\mathbf{\gamma}_{\nu} NN^{\{*\}})$ Electrocouplings in Dyson-Schwinger Equations. <i>Few-Body Systems</i> , 2016 , 57, 993-1000	1.6	1
34	The Role of Spin-Flipping Terms in Hadronic Transitions of $(\Upsilon(4S))$. <i>Few-Body Systems</i> , 2016 , 57, 275-287	1.6	2
33	Strong diquark correlations inside the proton. <i>EPJ Web of Conferences</i> , 2016 , 113, 05025	0.3	
32	Effective field theory investigations of the XYZ puzzle. <i>Journal of Physics: Conference Series</i> , 2016 , 742, 012005	0.3	
31	Molecular components in P-wave charmed-strange mesons. <i>Physical Review D</i> , 2016 , 94,	4.9	22
30	Canonical description of the new LHCb resonances. <i>Physical Review D</i> , 2016 , 94,	4.9	28
29	Elastic and Transition Form Factors in DSEs. <i>Few-Body Systems</i> , 2016 , 57, 461-466	1.6	1
28	Puzzles in hadronic transitions of heavy quarkonium with two pion emission. <i>Physical Review D</i> , 2015 , 91,	4.9	14
27	Charmed-strange meson spectrum: Old and new problems. <i>Physical Review D</i> , 2015 , 91,	4.9	23
26	Completing the Picture of the Roper Resonance. <i>Physical Review Letters</i> , 2015 , 115, 171801	7.4	82
25	Contact-interaction Faddeev equation and, inter alia, proton tensor charges. <i>Physical Review D</i> , 2015 , 92,	4.9	22
24	Understanding the nucleon as a Borromean bound-state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 100-106	4.2	41
23	Distribution amplitudes of light-quark mesons from lattice QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 731, 13-18	4.2	34

22	Nucleon and (Δ) Elastic and Transition Form Factors. <i>Few-Body Systems</i> , 2014 , 55, 1185-1222	1.6	79
21	Elastic and Transition Form Factors of the ($\Sigma(1232)$). <i>Few-Body Systems</i> , 2014 , 55, 1-33	1.6	42
20	B decays into radially excited charmed mesons. <i>Physical Review D</i> , 2013 , 87,	4.9	11
19	Strong charmonium decays in a microscopic model. <i>Nuclear Physics A</i> , 2013 , 915, 125-141	1.3	15
18	Insights into the ΣN - Λ transition. <i>Physical Review C</i> , 2013 , 88,	2.7	36
17	Improved determination of heavy quarkonium magnetic dipole transitions in potential nonrelativistic QCD. <i>Physical Review D</i> , 2013 , 87,	4.9	31
16	CONSTITUENT QUARK MODEL DESCRIPTION OF CHARMONIUM PHENOMENOLOGY. <i>International Journal of Modern Physics E</i> , 2013 , 22, 1330026	0.7	56
15	Scaling of the χ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 715, 322-327	4.2	60
14	Renormalization approach to constituent quark models of quarkonium. <i>Physical Review D</i> , 2012 , 85,	4.9	10
13	Nonleptonic B-D(*)DsJ(*) decays and the nature of the orbitally excited charmed-strange mesons. <i>Physical Review D</i> , 2012 , 86,	4.9	9
12	Renormalized quarkonium. <i>Physical Review D</i> , 2012 , 86,	4.9	6
11	Charmonium resonances in e+e- exclusive reactions around the ($\psi(4415)$) region. <i>Physical Review D</i> , 2011 , 83,	4.9	17
10	Semileptonic B and Bs decays into orbitally excited charmed mesons. <i>Physical Review D</i> , 2011 , 84,	4.9	29
9	CHARMONIUM RESONANCES IN e+e- ANNIHILATION CROSS SECTIONS AROUND THE ($\psi(4415)$) REGION. <i>International Journal of Modern Physics A</i> , 2011 , 26, 573-575	1.2	1
8	D s 1 (2536) + decays and the structure of P -wave charmed strange mesons. <i>Chinese Physics C</i> , 2010 , 34, 1408-1410	2.2	
7	Charmonium narrow resonances in the string breaking region. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010 , 37, 075010	2.9	4
6	Very broad X(4260) and the resonance parameters of the ($\psi(4260)$) vector charmonium state. <i>Physical Review Letters</i> , 2010 , 105, 102001	7.4	19
5	The X(3872) an other possible XYZ molecular states 2010 ,		3

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| 4 | Coupled channel approach to the structure of the X(3872). <i>Physical Review D</i> , 2010 , 81, | 4.9 | 70 |
| 3 | Ds1(2536)+ decays and the properties of P-wave charmed strange mesons. <i>Physical Review D</i> , 2009 , 80, | 4.9 | 20 |
| 2 | JPC=1-- hidden charm resonances. <i>Physical Review D</i> , 2008 , 78, | 4.9 | 93 |
| 1 | Is chiral symmetry restored in the excited meson spectrum?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 662, 33-36 | 4.2 | 30 |