

# Jorge Segovia

## List of Publications by Citations

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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	JPC=1-- hidden charm resonances. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	93
92	Completing the Picture of the Roper Resonance. <i>Physical Review Letters</i> , <b>2015</b> , 115, 171801	7.4	82
91	Nucleon and ( $\Delta$ ) Elastic and Transition Form Factors. <i>Few-Body Systems</i> , <b>2014</b> , 55, 1185-1222	1.6	79
90	Coupled channel approach to the structure of the X(3872). <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	70
89	Scaling of the $\rho$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 715, 322-327	4.2	60
88	Bottomonium spectrum revisited. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	56
87	CONSTITUENT QUARK MODEL DESCRIPTION OF CHARMONIUM PHENOMENOLOGY. <i>International Journal of Modern Physics E</i> , <b>2013</b> , 22, 1330026	0.7	56
86	Pion and kaon structure at the electron-ion collider. <i>European Physical Journal A</i> , <b>2019</b> , 55, 1	2.5	52
85	Elastic and Transition Form Factors of the $\rho(1232)$ . <i>Few-Body Systems</i> , <b>2014</b> , 55, 1-33	1.6	42
84	Understanding the nucleon as a Borromean bound-state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 750, 100-106	4.2	41
83	Insights into the $\rho$ - $\omega$ transition. <i>Physical Review C</i> , <b>2013</b> , 88,	2.7	36
82	Distribution amplitudes of light-quark mesons from lattice QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 731, 13-18	4.2	34
81	Strong Running Coupling from the Gauge Sector of Domain Wall Lattice QCD with Physical Quark Masses. <i>Physical Review Letters</i> , <b>2019</b> , 122, 162002	7.4	33
80	Diquark correlations in hadron physics: Origin, impact and evidence. <i>Progress in Particle and Nuclear Physics</i> , <b>2021</b> , 116, 103835	10.6	32
79	Improved determination of heavy quarkonium magnetic dipole transitions in potential nonrelativistic QCD. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	31
78	Effective charge from lattice QCD. <i>Chinese Physics C</i> , <b>2020</b> , 44, 083102	2.2	31
77	Is chiral symmetry restored in the excited meson spectrum?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 662, 33-36	4.2	30

76	Semileptonic B and Bs decays into orbitally excited charmed mesons. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	29
75	Canonical description of the new LHCb resonances. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	28
74	Nucleon-to-Roper electromagnetic transition form factors at large Q <sup>2</sup> . <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	27
73	Structure of the nucleon's low-lying excitations. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	27
72	Dissecting nucleon transition electromagnetic form factors. <i>Physical Review C</i> , <b>2016</b> , 94,	2.7	27
71	Charmonium resonances in the 3.9 GeV/c <sup>2</sup> energy region and the X(3915)/X(3930) puzzle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 778, 1-5	4.2	26
70	Parity partners in the baryon resonance spectrum. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	26
69	Parton distribution amplitudes: Revealing correlations within the proton and Roper. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 783, 263-267	4.2	26
68	Masses of ground-state mesons and baryons, including those with heavy quarks. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	24
67	Double-heavy tetraquarks. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	24
66	Charmed-strange meson spectrum: Old and new problems. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	23
65	Contact-interaction Faddeev equation and, inter alia, proton tensor charges. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	22
64	Tetra- and Penta-Quark Structures in the Constituent Quark Model. <i>Symmetry</i> , <b>2020</b> , 12, 1869	2.7	22
63	Molecular components in P-wave charmed-strange mesons. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	22
62	The S- and P-Wave Low-Lying Baryons in the Chiral Quark Model. <i>Few-Body Systems</i> , <b>2018</b> , 59, 1	1.6	21
61	The charm/bottom quark mass from heavy quarkonium at N <sup>3</sup> LO. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	21
60	Ds <sub>1</sub> (2536) <sup>+</sup> decays and the properties of P-wave charmed strange mesons. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	20
59	Very broad X(4260) and the resonance parameters of the (BD) vector charmonium state. <i>Physical Review Letters</i> , <b>2010</b> , 105, 102001	7.4	19

58	Spin structure of heavy-quark hybrids. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	18
57	Hidden-bottom pentaquarks. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	18
56	Charmonium resonances in $e^+e^-$ exclusive reactions around the $(4415)$ region. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	17
55	Revealing the structure of light pseudoscalar mesons at the electron-positron collider. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2021</b> , 48, 075106	2.9	16
54	Threshold effects in P-wave bottom-strange mesons. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	15
53	Triply heavy baryons in the constituent quark model. <i>Chinese Physics C</i> , <b>2020</b> , 44, 023102	2.2	15
52	Strong charmonium decays in a microscopic model. <i>Nuclear Physics A</i> , <b>2013</b> , 915, 125-141	1.3	15
51	The $(Z_c)$ structures in a coupled-channels model. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	14
50	Puzzles in hadronic transitions of heavy quarkonium with two pion emission. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	14
49	Strong QCD from Hadron Structure Experiments. <i>International Journal of Modern Physics E</i> , <b>2020</b> , 29, 2030006	0.7	14
48	Spectrum and structure of octet and decuplet baryons and their positive-parity excitations. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	13
47	Doubly charmed pentaquarks. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	13
46	Diffusion Monte Carlo calculations of fully-heavy multi-quark bound states. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	12
45	Nucleon elastic form factors at accessible large spacelike momenta. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	12
44	B decays into radially excited charmed mesons. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	11
43	P-wave heavy quarkonium spectrum with next-to-next-to-next-to-leading logarithmic accuracy. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	11
42	Baryons and the Borromeo. <i>Few-Body Systems</i> , <b>2016</b> , 57, 1067-1076	1.6	10
41	Renormalization approach to constituent quark models of quarkonium. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	10

40	Transition form factors: $\mathbb{B}_s^+ p\text{-}(1232)$ , $\mathbb{B}_s^+ p\text{-}(1600)$ . <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	10
39	QCD spin effects in the heavy hybrid potentials and spectra. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	10
38	Light-meson masses in an unquenched quark model. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	10
37	Nonleptonic $B\text{-}D^{(*)}DsJ^{(*)}$ decays and the nature of the orbitally excited charmed-strange mesons. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	9
36	Spectroscopy of $(\mathbf{B}_c)$ mesons and the possibility of finding exotic $(\mathbf{B}_c)$ -like structures. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	8
35	Masses of positive- and negative-parity hadron ground-states, including those with heavy quarks. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	8
34	$QQs\bar{b}$ tetraquarks in the chiral quark model. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	6
33	Electric dipole transitions of $1P$ bottomonia. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	6
32	Renormalized quarkonium. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	6
31	Hidden-charm tetraquarks with strangeness in the chiral quark model. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	5
30	Charmonium narrow resonances in the string breaking region. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2010</b> , 37, 075010	2.9	4
29	The $X(3872)$ an other possible XYZ molecular states <b>2010</b> ,		3
28	Form factors of the nucleon axial current. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2021</b> , 815, 136150	4.2	3
27	Exotic resonances of fully-heavy tetraquarks in a lattice-QCD inspired quark model. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	3
26	Dynamical diquarks in the $(\vec{\gamma} \rightarrow N(1535)\frac{1}{2}^-)$ transition. <i>European Physical Journal A</i> , <b>2021</b> , 57, 1	2.5	3
25	Structure of the Nucleon and Its First Radial Excitation. <i>Few-Body Systems</i> , <b>2019</b> , 60, 1	1.6	2
24	Puzzles in quarkonium hadronic transitions with two pion emission <b>2016</b> ,		2
23	The Role of Spin-Flipping Terms in Hadronic Transitions of $(\Upsilon(4S))$ . <i>Few-Body Systems</i> , <b>2016</b> , 57, 275-287	1.6	2

22	pNRQCD determination of E1 radiative transitions. <i>EPJ Web of Conferences</i> , <b>2017</b> , 137, 06026	0.3	2
21	Nucleon Parton Distribution Amplitude: A Scalar Diquark Picture. <i>Springer Proceedings in Physics</i> , <b>2020</b> , 773-781	0.2	2
20	A Brief Review of Chiral Chemical Potential and Its Physical Effects. <i>Symmetry</i> , <b>2020</b> , 12, 2095	2.7	2
19	$sQ\bar{q}\bar{q}(q=u, d; Q=c, b)$ tetraquarks in the chiral quark model. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	2
18	$(\mathbf{\gamma}_{\nu} NN^{\ast})$ Electrocouplings in Dyson-Schwinger Equations. <i>Few-Body Systems</i> , <b>2016</b> , 57, 993-1000	1.6	1
17	Nucleon Viewed as a Borromean Bound-State. <i>Few-Body Systems</i> , <b>2018</b> , 59, 1	1.6	1
16	CHARMONIUM RESONANCES IN $e+e-$ ANNIHILATION CROSS SECTIONS AROUND THE $(4415)$ REGION. <i>International Journal of Modern Physics A</i> , <b>2011</b> , 26, 573-575	1.2	1
15	Nucleon-to-resonance form factors at large photon virtualities <b>2020</b> ,		1
14	Elastic and Transition Form Factors in DSEs. <i>Few-Body Systems</i> , <b>2016</b> , 57, 461-466	1.6	1
13	Historical Introduction to Chiral Quark Models. <i>Symmetry</i> , <b>2021</b> , 13, 252	2.7	1
12	Determination of electric dipole transitions in heavy quarkonia using potential non-relativistic QCD. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1024, 012016	0.3	1
11	Molecular components in $D^{\ast}0(2317)$ and $Ds1(2460)$ mesons. <i>EPJ Web of Conferences</i> , <b>2016</b> , 130, 02009	0.3	0
10	The $D0(2590)^+$ as the dressed $cs(2150)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2022</b> , 827, 136998	4.2	0
9	Heavy mesons in the Quark Model. <i>EPJ Web of Conferences</i> , <b>2019</b> , 199, 01012	0.3	
8	Flavour decomposition of electromagnetic transition form factors of nucleon resonances. <i>EPJ Web of Conferences</i> , <b>2017</b> , 137, 05024	0.3	
7	$Ds1(2536)^+$ decays and the structure of P-wave charmed strange mesons. <i>Chinese Physics C</i> , <b>2010</b> , 34, 1408-1410	2.2	
6	Description of the $(Z_c)$ Exotics States in a Quark Model Coupled Channel Calculation. <i>Springer Proceedings in Physics</i> , <b>2020</b> , 697-700	0.2	
5	Elastic and Transition Form Factors in DSEs <b>2017</b> , 91-96		

- 4 Strong diquark correlations inside the proton. *EPJ Web of Conferences*, **2016**, 113, 05025 0.3
- 3 Effective field theory investigations of the XYZ puzzle. *Journal of Physics: Conference Series*, **2016**, 742, 012005 0.3
- 2 Threshold effects in hadron spectrum: a new spectroscopy?. *EPJ Web of Conferences*, **2018**, 182, 02094 0.3
- 1 Valence-Quark Structure of N\* Resonances from DSEs. *Few-Body Systems*, **2018**, 59, 1 1.6