

# Csar Fernndez Ramrez

## List of Publications by Citations

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67  
papers

1,194  
citations

17  
h-index

32  
g-index

71  
ext. papers

1,553  
ext. citations

4  
avg, IF

4.21  
L-index

#	Paper	IF	Citations
67	Observation of a Narrow Pentaquark State, $P_{c}(4312)^{+}$ , and of the Two-Peak Structure of the $P_{c}(4450)^{+}$ . <i>Physical Review Letters</i> , <b>2019</b> , 122, 222001	7.4	199
66	Measurements of the electric form factor of the neutron up to $Q^2=3.4 \text{ GeV}^2$ using the reaction $^3\text{He}(e,e^{\alpha})pp$ . <i>Physical Review Letters</i> , <b>2010</b> , 105, 262302	7.4	102
65	The electron-ion scattering experiment ELISE at the International Facility for Antiproton and Ion Research (FAIR): a conceptual design study. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 637, 60-76	1.2	76
64	Dispersive analysis of $\pi\pi\pi$ . <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	64
63	Amplitude analysis and the nature of the $Z(3900)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 772, 200-209	4.2	44
62	Interpretation of the LHCb $P_{c}(4312)^{+}$ Signal. <i>Physical Review Letters</i> , <b>2019</b> , 123, 092001	7.4	42
61	Three-body final state interaction in $\Xi\pi$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	41
60	Effective Lagrangian Approach to pion photoproduction from the nucleon. <i>Annals of Physics</i> , <b>2006</b> , 321, 1408-1456	2.5	40
59	Studying the $P_c(4450)$ resonance in $J/\psi$ photoproduction off protons. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	38
58	Coupled-channel model for $K\pi\pi$ scattering in the resonant region. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	32
57	Three-body final state interaction in $\Xi\pi$ updated. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 771, 497-502	4.2	31
56	Accurate test of chiral dynamics in the $\bar{p}-n$ reaction. <i>Physical Review Letters</i> , <b>2013</b> , 111, 062004	7.4	30
55	Equivalence of three-particle scattering formalisms. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	26
54	Finite-energy sum rules in eta photoproduction off a nucleon. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	25
53	Phenomenology of relativistic ( $\mathbf{3} \rightarrow \mathbf{3}$ ) reaction amplitudes within the isobar approximation. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	24
52	Determination of the Pole Position of the Lightest Hybrid Meson Candidate. <i>Physical Review Letters</i> , <b>2019</b> , 122, 042002	7.4	24
51	Model selection for pion photoproduction. <i>Physical Review C</i> , <b>2017</b> , 95,	2.7	19

50	Toward complete pion nucleon amplitudes. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	17
49	Pole position of the $a_1(1260)$ from $\Xi$ decay. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	16
48	Understanding the nature of $\Xi(1405)$ through Regge physics. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	15
47	Upper energy limit of heavy baryon chiral perturbation theory in neutral pion photoproduction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 724, 253-258	4.2	15
46	Helicity dependence and contribution to the Gerasimov-Drell-Hearn sum rule of the $\Xi$ - $\Xi$ NN reaction channels in the energy region from threshold up to the $\Xi(1232)$ resonance. <i>Physical Review C</i> , <b>2007</b> , 76,	2.7	15
45	Double polarization observables in pentaquark photoproduction. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	15
44	Unexpected impact of D waves in low-energy neutral pion photoproduction from the proton and the extraction of multipoles. <i>Physical Review C</i> , <b>2009</b> , 80,	2.7	14
43	Properties of nucleon resonances by means of a genetic algorithm. <i>Physical Review C</i> , <b>2008</b> , 77,	2.7	13
42	Thermodynamics of the strange baryon system from a coupled-channels analysis and missing states. <i>Physical Review C</i> , <b>2018</b> , 98,	2.7	13
41	Hidden charm pentaquarks: mass spectrum, magnetic moments and photocouplings. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2019</b> , 46, 065104	2.9	12
40	Hints on the quadrupole deformation of the $\Xi(1232)$ . <i>Physical Review C</i> , <b>2006</b> , 73,	2.7	12
39	Nucleon resonance contributions to unpolarized inclusive electron scattering. <i>Physical Review C</i> , <b>2019</b> , 100,	2.7	11
38	Threshold $\Xi$ photoproduction on transverse polarised protons at MAMI. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 750, 252-258	4.2	11
37	Low-energy D-wave effects in neutral pion photoproduction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 679, 41-44	4.2	10
36	Dalitz-plot decomposition for three-body decays. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	9
35	Crossing symmetry and phenomenological widths in effective Lagrangian models of the pion photoproduction process. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 660, 188-192	4.2	9
34	Eta photoproduction as a test of the extended chiral symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 651, 369-373	4.2	8
33	Analysis of the quadrupole deformation of $\Xi(1232)$ within an effective Lagrangian model for pion photoproduction from the nucleon. <i>European Physical Journal A</i> , <b>2007</b> , 31, 572	2.5	8

32	Khuri-Treiman equations for $(\pi\pi)$ scattering. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	8
31	What is the right formalism to search for resonances?. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	7
30	Charmonium spectrum with a Dirac potential model in the momentum space. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	7
29	New analysis of $\rho$ tensor resonances measured at the COMPASS experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 779, 464-472	4.2	7
28	XYZ spectroscopy at electron-hadron facilities: Exclusive processes. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	6
27	Spectral-fluctuations test of the quark-model baryon spectrum. <i>Physical Review Letters</i> , <b>2007</b> , 98, 062001.	4.4	6
26	Structure of pion photoproduction amplitudes. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	6
25	Double-Regge exchange limit for the $\bar{p}-K+K\bar{p}$ reaction. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	5
24	Features of $\rho$ photoproduction at high energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 779, 77-81	4.2	5
23	On the $\rho$ and $\omega$ photoproduction beam asymmetry at high energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 774, 362-367	4.2	5
22	Moments of angular distribution and beam asymmetries in $\rho$ photoproduction at GlueX. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	5
21	Vector meson photoproduction with a linearly polarized beam. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	5
20	Global analysis of charge exchange meson production at high energies. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	5
19	$(\omega \rightarrow 3\pi)$ and $(\omega \rightarrow \pi^0\pi^+\pi^-)$ transition form factor revisited. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	4
18	Khuri-Treiman equations for $3\pi$ decays of particles with spin. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	4
17	What is the right formalism to search for resonances? II. The pentaquark chain. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	4
16	Spin asymmetry for the $16O(\rho^0)$ reaction in the $(\rho^0(1232))$ region within an effective Lagrangian approach. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 664, 57-63	4.2	3
15	Exclusive tensor meson photoproduction. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	3

14	Precision Measurement of the $p(e, e^{\prime})n$ Reaction at Threshold. <i>Physical Review Letters</i> , <b>2015</b> , 114, 192503	7.4	2
13	Pentaquark photoproduction. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 876, 012007	0.3	2
12	Amplitude analysis of $K^-N$ scattering. <i>Journal of Physics: Conference Series</i> , <b>2016</b> , 730, 012010	0.3	2
11	Regge phenomenology of the $N^*$ and $\Delta$ poles. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	2
10	Analyticity constraints for hadron amplitudes: Going high to heal low-energy issues. <i>Europhysics Letters</i> , <b>2018</b> , 122, 41001	1.6	2
9	Studying the $(P_c(4450))$ Resonance in $(J/\psi)$ Photoproduction Off Protons. <i>Few-Body Systems</i> , <b>2018</b> , 59, 1	1.6	2
8	Bottomonium spectrum with a Dirac potential model in the momentum space. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	1
7	Spectral-statistics properties of the experimental and theoretical light meson spectra. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 710, 139-144	4.2	1
6	New analysis of threshold photoproduction data from MAMI. <i>EPJ Web of Conferences</i> , <b>2014</b> , 73, 04007	0.3	1
5	Scalar and tensor resonances in $J/\psi$ radiative decays. <i>European Physical Journal C</i> , <b>2022</b> , 82, 1	4.2	1
4	$(\pi^- \rightarrow \eta^{\prime}), \pi^- p$ in the double-Regge region. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	1
3	The Joint Physics Analysis Center: Recent results. <i>Journal of Physics: Conference Series</i> , <b>2016</b> , 761, 012078.	0.3	1
2	Chaos in hadrons. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 381, 012031	0.3	
1	Analysis of the quadrupole deformation of $\rho(1232)$ within an effective Lagrangian model for pion photoproduction from the nucleon <b>2007</b> , 219-221		