

# Csar Fernndez Ramrez

## 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.

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 | Scalar and tensor resonances in $J/\psi$ radiative decays. <i>European Physical Journal C</i> , <b>2022</b> , 82, 1   | 4.2 | 1         |
| 66 | $(\pi^- \rightarrow \eta' \pi^-)$ in the double-Regge region. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1  | 4.2 | 1         |
| 65 | XYZ spectroscopy at electron-hadron facilities: Exclusive processes. <i>Physical Review D</i> , <b>2020</b> , 102,  | 4.9 | 6         |
| 64 | 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         |
| 63 | Dalitz-plot decomposition for three-body decays. <i>Physical Review D</i> , <b>2020</b> , 101,  | 4.9 | 9         |
| 62 | $(\omega \rightarrow 3\pi)$ and $(\omega \pi^0)$ transition form factor revisited. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1                                       | 4.2 | 4         |
| 61 | Khuri-Treiman equations for $3\pi$ decays of particles with spin. <i>Physical Review D</i> , <b>2020</b> , 101,   | 4.9 | 4         |
| 60 | Exclusive tensor meson photoproduction. <i>Physical Review D</i> , <b>2020</b> , 102,   | 4.9 | 3         |
| 59 | Nucleon resonance contributions to unpolarized inclusive electron scattering. <i>Physical Review C</i> , <b>2019</b> , 100,   | 2.7 | 11        |
| 58 | Interpretation of the LHCb $P_c(4312)^+$ Signal. <i>Physical Review Letters</i> , <b>2019</b> , 123, 092001   | 7.4 | 42        |
| 57 | 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       |
| 56 | 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        |
| 55 | 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        |
| 54 | Equivalence of three-particle scattering formalisms. <i>Physical Review D</i> , <b>2019</b> , 100,  | 4.9 | 26        |
| 53 | Regge phenomenology of the $N^*$ and $\Delta$ poles. <i>Physical Review D</i> , <b>2019</b> , 99,   | 4.9 | 2         |
| 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 | Double polarization observables in pentaquark photoproduction. <i>Physical Review D</i> , <b>2019</b> , 100,  | 4.9 | 15        |

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|----|--|-----|----|
| 50 | Moments of angular distribution and beam asymmetries in $\pi^0$ photoproduction at GlueX. <i>Physical Review D</i> , <b>2019</b> , 100,  | 4.9 | 5  |
| 49 | What is the right formalism to search for resonances?. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1  | 4.2 | 7  |
| 48 | Features of $\pi^0$ 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  |
| 47 | Analyticity constraints for hadron amplitudes: Going high to heal low-energy issues. <i>Europhysics Letters</i> , <b>2018</b> , 122, 41001   | 1.6 | 2  |
| 46 | Khuri-Treiman equations for $(\pi^+ \pi^-)$ scattering. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1   | 4.2 | 8  |
| 45 | 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  |
| 44 | 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 |
| 43 | Pole position of the $a_1(1260)$ from $\pi^0$ decay. <i>Physical Review D</i> , <b>2018</b> , 98,  | 4.9 | 16 |
| 42 | Vector meson photoproduction with a linearly polarized beam. <i>Physical Review D</i> , <b>2018</b> , 97,  | 4.9 | 5  |
| 41 | Structure of pion photoproduction amplitudes. <i>Physical Review D</i> , <b>2018</b> , 98,   | 4.9 | 6  |
| 40 | Global analysis of charge exchange meson production at high energies. <i>Physical Review D</i> , <b>2018</b> , 98,   | 4.9 | 5  |
| 39 | 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  |
| 38 | New analysis of $\pi^0$ 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  |
| 37 | Model selection for pion photoproduction. <i>Physical Review C</i> , <b>2017</b> , 95,   | 2.7 | 19 |
| 36 | Pentaquark photoproduction. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 876, 012007   | 0.3 | 2  |
| 35 | Three-body final state interaction in $\pi^0 \pi^0$ updated. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 771, 497-502                  | 4.2 | 31 |
| 34 | 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 |
| 33 | Finite-energy sum rules in eta photoproduction off a nucleon. <i>Physical Review D</i> , <b>2017</b> , 95,   | 4.9 | 25 |

- 32 Charmonium spectrum with a Dirac potential model in the momentum space. *Physical Review D*, **2017**, 95, 4.9 7
- 31 On the  $\bar{d}$  and  $\bar{u}$  photoproduction beam asymmetry at high energies. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2017**, 774, 362-367 4.2 5
- 30 Understanding the nature of  $\Lambda(1405)$  through Regge physics. *Physical Review D*, **2016**, 93, 4.9 15
- 29 Coupled-channel model for  $K\bar{N}$  scattering in the resonant region. *Physical Review D*, **2016**, 93, 4.9 32
- 28 The Joint Physics Analysis Center: Recent results. *Journal of Physics: Conference Series*, **2016**, 761, 012078.3 1
- 27 Amplitude analysis of  $K\bar{N}$  scattering. *Journal of Physics: Conference Series*, **2016**, 730, 012010 0.3 2
- 26 Studying the  $P_c(4450)$  resonance in  $J/\psi$  photoproduction off protons. *Physical Review D*, **2016**, 94, 4.9 38
- 25 Precision Measurement of the  $p(e, e^{\prime})\bar{p}\{0\}$  Reaction at Threshold. *Physical Review Letters*, **2015**, 114, 192503 7.4 2
- 24 Double-Regge exchange limit for the  $\bar{p}-K+K\bar{p}$  reaction. *Physical Review D*, **2015**, 91, 4.9 5
- 23 Threshold  $\bar{p}$  photoproduction on transverse polarised protons at MAMI. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2015**, 750, 252-258 4.2 11
- 22 Dispersive analysis of  $\bar{p}-K\bar{K}$ . *Physical Review D*, **2015**, 91, 4.9 64
- 21 Three-body final state interaction in  $\bar{p}\bar{p}$ . *Physical Review D*, **2015**, 92, 4.9 41
- 20 Toward complete pion nucleon amplitudes. *Physical Review D*, **2015**, 92, 4.9 17
- 19 New analysis of threshold photoproduction data from MAMI. *EPJ Web of Conferences*, **2014**, 73, 04007 0.3 1
- 18 Upper energy limit of heavy baryon chiral perturbation theory in neutral pion photoproduction. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2013**, 724, 253-258 4.2 15
- 17 Accurate test of chiral dynamics in the  $\bar{p}-\bar{p}$  reaction. *Physical Review Letters*, **2013**, 111, 062004 7.4 30
- 16 Spectral-statistics properties of the experimental and theoretical light meson spectra. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2012**, 710, 139-144 4.2 1
- 15 Chaos in hadrons. *Journal of Physics: Conference Series*, **2012**, 381, 012031 0.3

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|----|--|-----|-----|
| 14 | 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  |
| 13 | Measurements of the electric form factor of the neutron up to $Q^2=3.4 \text{ GeV}^2$ using the reaction $^3\text{He}(e,e^0)p$ . <i>Physical Review Letters</i> , <b>2010</b> , 105, 262302  | 7.4 | 102 |
| 12 | 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  |
| 11 | 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  |
| 10 | Properties of nucleon resonances by means of a genetic algorithm. <i>Physical Review C</i> , <b>2008</b> , 77,   | 2.7 | 13  |
| 9  | 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   |
| 8  | Spin asymmetry for the $^16\text{O}(\pi^0, \pi^0)$ reaction in the $(\pi^0(1232))$ 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   |
| 7  | 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   |
| 6  | Analysis of the quadrupole deformation of $\pi(1232)$ 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   |
| 5  | Helicity dependence and contribution to the Gerasimov-Drell-Hearn sum rule of the $\pi^0$ - $^16\text{O}$ reaction channels in the energy region from threshold up to the $\pi(1232)$ resonance. <i>Physical Review C</i> , <b>2007</b> , 76,  | 2.7 | 15  |
| 4  | Spectral-fluctuations test of the quark-model baryon spectrum. <i>Physical Review Letters</i> , <b>2007</b> , 98, 062001   | 7.4 | 6   |
| 3  | Analysis of the quadrupole deformation of $\pi(1232)$ within an effective Lagrangian model for pion photoproduction from the nucleon <b>2007</b> , 219-221   |     |     |
| 2  | Effective Lagrangian Approach to pion photoproduction from the nucleon. <i>Annals of Physics</i> , <b>2006</b> , 321, 1408-1456  | 2.5 | 40  |
| 1  | Hints on the quadrupole deformation of the $\pi(1232)$ . <i>Physical Review C</i> , <b>2006</b> , 73,  | 2.7 | 12  |