



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



CESAR FERNANDEZ RAMIREZ

Datos Generales

Nombre: CESAR FERNANDEZ RAMIREZ

Máximo nivel de estudios: POSDOCTORADO

Antigüedad académica en la UNAM: 8 años

Nombramientos

Último: INVESTIGADOR TITULAR B TC Definitivo
Instituto de Ciencias Nucleares
Desde 01-10-2024 hasta 31-01-2025

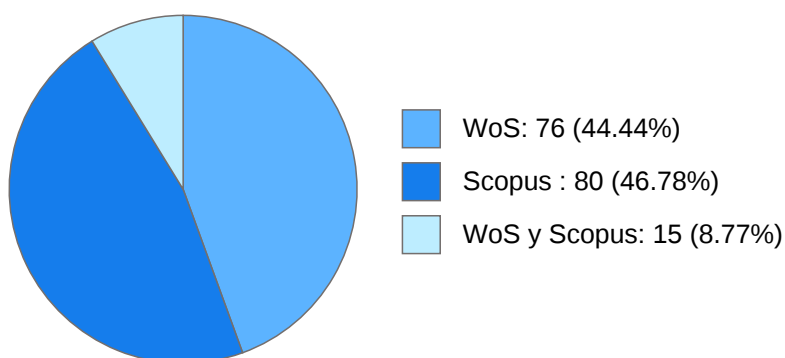
Estímulos, programas, premios y reconocimientos

SNI II 2020 - 2023
SNI I 2017 - 2019
PRIDE C 2021 - 2023
EQUIVALENCIA PRIDE B 2016 - 2020

CESAR FERNANDEZ RAMIREZ

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Strong interaction physics at the luminosity frontier with 22 GeV electrons at Jefferson Lab	ROELOF BIJKER AURORE MARIE PASCALE NICOLE COURTOY CESAR FERNANDEZ RAMIREZ et al.	EUROPEAN PHYSICAL JOURNAL A	2024
2	Khuri-Treiman analysis of $J/\psi \rightarrow p\bar{p}$	CESAR FERNANDEZ RAMIREZ Albaladejo M. González-Solís S. et al.	PHYSICAL REVIEW D	2023
3	Dynamics in near-threshold J/ψ photoproduction	CESAR FERNANDEZ RAMIREZ Winney D. Pilloni A. et al.	PHYSICAL REVIEW D	2023
4	Ambiguities in partial wave analysis of two spinless meson photoproduction	CESAR FERNANDEZ RAMIREZ Smith W.A. Glazier D.I. et al.	PHYSICAL REVIEW D	2023
5	CONFINING POTENTIAL IN COULOMB-GAUGE LATTICE QCD	CESAR FERNANDEZ RAMIREZ Smith W.A. Dawid S.M. et al.	Acta Physica Polonica B Proceedings Supplement	2023
6	Scalar and tensor resonances in J/ψ radiative decays	CESAR FERNANDEZ RAMIREZ A. Rodas A. Pilloni et al.	EUROPEAN PHYSICAL JOURNAL C	2022
7	Deep learning exotic hadrons	CESAR FERNANDEZ RAMIREZ L. Ng L. Bibrzycki et al.	PHYSICAL REVIEW D	2022
8	Science Requirements and Detector Concepts for the Electron-Ion Collider: EIC Yellow Report	AURORE MARIE PASCALE NICOLE COURTOY CESAR FERNANDEZ RAMIREZ Abdul Khalek R. et al.	NUCLEAR PHYSICS A	2022

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9	Novel approaches in hadron spectroscopy	CESAR FERNANDEZ RAMIREZ JORGE ANTONIO SILVA CASTRO Albaladejo M. et al.	PROGRESS IN PARTICLE AND NUCLEAR PHYSICS	2022
10	$p - p \rightarrow \eta(\pi) \pi - p$ in the double-Regge region	CESAR FERNANDEZ RAMIREZ Bibrzycki L. Mathieu V. et al.	EUROPEAN PHYSICAL JOURNAL C	2021
11	$\pi(-) p \rightarrow \eta(\pi) \pi(-) p$ in the double-Regge region (vol 81, 647, 2021)	CESAR FERNANDEZ RAMIREZ L. Bibrzycki V. Mathieu et al.	EUROPEAN PHYSICAL JOURNAL C	2021
12	Dalitz-plot decomposition for three-body decays	CESAR FERNANDEZ RAMIREZ M. Mikhasenko M. Albaladejo et al.	PHYSICAL REVIEW D	2020
13	Khuri-Treiman equations for 3 π decays of particles with spin	CESAR FERNANDEZ RAMIREZ JORGE ANTONIO SILVA CASTRO M. Albaladejo et al.	PHYSICAL REVIEW D	2020
14	Exclusive tensor meson photoproduction	CESAR FERNANDEZ RAMIREZ V Mathieu A. Pilloni et al.	PHYSICAL REVIEW D	2020
15	Bottomonium spectrum with a Dirac potential model in the momentum space	CESAR FERNANDEZ RAMIREZ David Molina Maurizio De Sanctis et al.	EUROPEAN PHYSICAL JOURNAL C	2020
16	$\eta \rightarrow 3 \pi$ and $\eta' \rightarrow 3 \pi$ transition form factor revisited	CESAR FERNANDEZ RAMIREZ Albaladejo M. Danilkin I. et al.	EUROPEAN PHYSICAL JOURNAL C	2020
17	XYZ spectroscopy at electron-hadron facilities: Exclusive processes	CESAR FERNANDEZ RAMIREZ M. Albaladejo A. N. Hiller Blin et al.	PHYSICAL REVIEW D	2020
18	Phenomenology of relativistic 33 reaction amplitudes within the isobar approximation	CESAR FERNANDEZ RAMIREZ Jackura A. Mathieu V. et al.	EUROPEAN PHYSICAL JOURNAL C	2019
19	Determination of the Pole Position of the Lightest Hybrid Meson Candidate	CESAR FERNANDEZ RAMIREZ A. Rodas A. Pilloni et al.	PHYSICAL REVIEW LETTERS	2019
20	Regge phenomenology of the N^* and Δ^* poles	CESAR FERNANDEZ RAMIREZ J. A. Silva-Castro M. Albaladejo et al.	PHYSICAL REVIEW D	2019
21	Hidden charm pentaquarks: mass spectrum, magnetic moments and photocouplings	EMMANUEL ORTIZ PACHECO ROELOF BIJKER CESAR FERNANDEZ RAMIREZ	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2019
22	Observation of a Narrow Pentaquark State, $P_c(4312)^+$, and of the Two-Peak Structure of the $P_c(4450)^+$	CESAR FERNANDEZ RAMIREZ Aaij R. Abellán Beteta C. et al.	PHYSICAL REVIEW LETTERS	2019
23	Equivalence of three-particle scattering formalisms	CESAR FERNANDEZ RAMIREZ A. W. Jackura S. M. Dawid et al.	PHYSICAL REVIEW D	2019

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24	Double polarization observables in pentaquark photoproduction	CESAR FERNANDEZ RAMIREZ D. Winney C. Fanelli et al.	PHYSICAL REVIEW D	2019
25	Nucleon resonance contributions to unpolarized inclusive electron scattering	CESAR FERNANDEZ RAMIREZ A. N. Hiller Bfin V Mokeev et al.	PHYSICAL REVIEW C	2019
26	Interpretation of the LHCb P-c (4312)(+) Signal	CESAR FERNANDEZ RAMIREZ JORGE ANTONIO SILVA CASTRO A. Pilloni et al.	PHYSICAL REVIEW LETTERS	2019
27	Moments of angular distribution and beam asymmetries in eta pi(0) photoproduction at GlueX	CESAR FERNANDEZ RAMIREZ V. Mathieu M. Albaladejo et al.	PHYSICAL REVIEW D	2019
28	Thermodynamics of the strange baryon system from a coupled-channels analysis and missing states	CESAR FERNANDEZ RAMIREZ Pok Man Lo Peter Petreczky	PHYSICAL REVIEW C	2018
29	Pole position of the a(1) (1260) from tau-decay	CESAR FERNANDEZ RAMIREZ M. Mikhasenko A. Pilloni et al.	PHYSICAL REVIEW D	2018
30	Studying the Pc(4450) Resonance in J/ ? Photoproduction Off Protons	CESAR FERNANDEZ RAMIREZ Astrid N. Hiller Blin Andrew Jackura et al.	FEW-BODY SYSTEMS	2018
31	Analyticity constraints for hadron amplitudes: Going high to heal low-energy issues	CESAR FERNANDEZ RAMIREZ V. Mathieu J. Nys et al.	EPL	2018
32	Khuri-Treiman equations for pi pi scattering	CESAR FERNANDEZ RAMIREZ M. Albaladejo N. Sherrill et al.	EUROPEAN PHYSICAL JOURNAL C	2018
33	What is the right formalism to search for resonances?	CESAR FERNANDEZ RAMIREZ M. Mikhasenko A. Pilloni et al.	EUROPEAN PHYSICAL JOURNAL C	2018
34	Features of $\bar{\Lambda}^0$ photoproduction at high energies	CESAR FERNANDEZ RAMIREZ J. Nys V. Mathieu et al.	PHYSICS LETTERS B	2018
35	New analysis of $\bar{\Lambda}^0$ tensor resonances measured at the COMPASS experiment	CESAR FERNANDEZ RAMIREZ SUJAY PAUL A. Jackura et al.	PHYSICS LETTERS B	2018
36	Vector meson photoproduction with a linearly polarized beam	CESAR FERNANDEZ RAMIREZ V. Mathieu J. Nys et al.	PHYSICAL REVIEW D	2018
37	Structure of pion photoproduction amplitudes	CESAR FERNANDEZ RAMIREZ Mathieu V. Nys J. et al.	PHYSICAL REVIEW D	2018
38	Global analysis of charge exchange meson production at high energies	CESAR FERNANDEZ RAMIREZ J. Nys A. N. Hiller Blin et al.	PHYSICAL REVIEW D	2018
39	What is the right formalism to search for resonances? II. The pentaquark chain: Joint Physics Analysis Center	CESAR FERNANDEZ RAMIREZ Pilloni A. Nys J. et al.	EUROPEAN PHYSICAL JOURNAL C	2018

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40	Model selection for Pion photoproduction	CESAR FERNANDEZ RAMIREZ Molina R. Landay J. et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2017
41	Model selection for pion photoproduction	CESAR FERNANDEZ RAMIREZ Landay, J. Doring, M. et al.	PHYSICAL REVIEW C	2017
42	Finite-energy sum rules in eta photoproduction off a nucleon	CESAR FERNANDEZ RAMIREZ Nys, J. Mathieu, V. et al.	PHYSICAL REVIEW D	2017
43	Charmonium spectrum with a Dirac potential model in the momentum space	CESAR FERNANDEZ RAMIREZ Molina, David De Sanctis, Maurizio	PHYSICAL REVIEW D	2017
44	Three-body final state interaction in eta -> 3 pi updated	CESAR FERNANDEZ RAMIREZ Guo, P. Danilkin, I. V. et al.	PHYSICS LETTERS B	2017
45	Amplitude analysis and the nature of the Z(c)(3900)	CESAR FERNANDEZ RAMIREZ Pilloni, A. Jackura, A. et al.	PHYSICS LETTERS B	2017
46	Pentaquark photoproduction	CESAR FERNANDEZ RAMIREZ Hiller Bin, Astrid N. Pilloni, Alessandro	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2017
47	On the eta and eta' photoproduction beam asymmetry at high energies	CESAR FERNANDEZ RAMIREZ V. Mathieu J. Nys et al.	PHYSICS LETTERS B	2017
48	Studying the P-c(4450) resonance in J/psi photoproduction off protons	CESAR FERNANDEZ RAMIREZ Hiller Blin, A. N. Jackura, A. et al.	PHYSICAL REVIEW D	2016
49	Understanding the nature of Lambda (1405) through Regge physics	CESAR FERNANDEZ RAMIREZ Danilkin, Igor V. Mathieu, Vincent et al.	PHYSICAL REVIEW D	2016
50	Coupled-channel model for (K)over-bar N scattering in the resonant region	CESAR FERNANDEZ RAMIREZ Danilkin, I. V. Manley, D. M. et al.	PHYSICAL REVIEW D	2016
51	Amplitude analysis of (K)over-bar N scattering	CESAR FERNANDEZ RAMIREZ	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2016
52	The Joint Physics Analysis Center: Recent results	CESAR FERNANDEZ RAMIREZ	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2016
53	Threshold p0 photoproduction on transverse polarised protons at MAMI	CESAR FERNANDEZ RAMIREZ Schumann S. Otte P.B. et al.	PHYSICS LETTERS B	2015
54	Toward complete pion nucleon amplitudes	CESAR FERNANDEZ RAMIREZ Mathieu V. Danilkin I.V. et al.	PHYSICAL REVIEW D	2015
55	Three-body final state interaction in ? ?3p	CESAR FERNANDEZ RAMIREZ Guo P. Danilkin I.V. et al.	PHYSICAL REVIEW D	2015

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56	Dispersive analysis of $\pi^+ / \pi^- p \rightarrow \pi^+ p \pi^0$	CESAR FERNANDEZ RAMIREZ Danilkin I.V. Guo P. et al.	PHYSICAL REVIEW D	2015
57	Precision measurement of the $p(e,e')p^0$ reaction at threshold	CESAR FERNANDEZ RAMIREZ Chirapatpimol K. Shabestari M.H. et al.	PHYSICAL REVIEW LETTERS	2015
58	Double-Regge exchange limit for the $\pi^+ p \rightarrow \pi^+ k p$ reaction	CESAR FERNANDEZ RAMIREZ Shi M. Danilkin I.V. et al.	PHYSICAL REVIEW D	2015
59	New analysis of threshold photoproduction data from MAMI	CESAR FERNANDEZ RAMIREZ	EOS ANNUAL MEETING, EOSAM 2024	2014
60	Accurate test of chiral dynamics in the $\pi^+ p \rightarrow \pi^+ p^0 p$ reaction	CESAR FERNANDEZ RAMIREZ Hornidge D. Aguar Bartolomé P. et al.	PHYSICAL REVIEW LETTERS	2013
61	Upper energy limit of heavy baryon chiral perturbation theory in neutral pion photoproduction	CESAR FERNANDEZ RAMIREZ Bernstein A.M.	PHYSICS LETTERS B	2013
62	Spectral-statistics analysis of the light meson spectrum	CESAR FERNANDEZ RAMIREZ Muñoz L. Relaño A. et al.	EOS ANNUAL MEETING, EOSAM 2024	2012
63	Spectral-statistics properties of the experimental and theoretical light meson spectra	CESAR FERNANDEZ RAMIREZ Muñoz L. Relaño A. et al.	PHYSICS LETTERS B	2012
64	The upper energy limit of HBChPT in pion photoproduction	CESAR FERNANDEZ RAMIREZ	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2012
65	Chaos in hadrons	CESAR FERNANDEZ RAMIREZ Muñoz L. Relaño A. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2012

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66	The electron scattering experiment ELISE at the International Facility for Antiproton and Ion Research (FAIR) – A conceptual design study	CESAR FERNANDEZ RAMIREZ Antonov A.N. Gaidarov M.K. et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	2011
67	Measurements of the electric form factor of the neutron up to $Q^2=3.4 \text{ GeV}^2$ using the reaction $^3\text{He}(\gamma, e^+e^-n) p$	CESAR FERNANDEZ RAMIREZ Riordan S. Abrahamyan S. et al.	PHYSICAL REVIEW LETTERS	2010
68	Unexpected impact of D waves in low-energy neutral pion photoproduction from the proton and the extraction of multipoles	CESAR FERNANDEZ RAMIREZ Bernstein A.M. Donnelly T.W.	PHYSICAL REVIEW C	2009
69	Low-energy D-wave effects in neutral pion photoproduction	CESAR FERNANDEZ RAMIREZ Bernstein A.M. Donnelly T.W.	PHYSICS LETTERS B	2009
70	The unexpected role of D waves in low-energy neutral Pion photoproduction	CESAR FERNANDEZ RAMIREZ	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2009
71	Properties of nucleon resonances by means of a genetic algorithm	CESAR FERNANDEZ RAMIREZ De Guerra E.M. Udías A. et al.	PHYSICAL REVIEW C	2008
72	Spin asymmetry for the $^{16}\text{O}(\gamma, p) p$ reaction in the (1232) region within an effective Lagrangian approach	CESAR FERNANDEZ RAMIREZ Martínez M.C. Vignote J.R. et al.	PHYSICS LETTERS B	2008
73	Pion production off the deuteron with real photons including polarization observables	CESAR FERNANDEZ RAMIREZ Darwish E.M. Moya De Guerra F. et al.	AIP Conference Proceedings	2008
74	Crossing symmetry and phenomenological widths in effective Lagrangian models of the pion photoproduction process	CESAR FERNANDEZ RAMIREZ de Guerra E.M. Udías J.M.	PHYSICS LETTERS B	2008

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75	Helicity dependence and contribution to the Gerasimov-Drell-Hearn sum rule of the $\gamma p \rightarrow \pi^0 p$ reaction channels in the energy region from threshold up to the (1232) resonance	CESAR FERNANDEZ RAMIREZ Darwish E.M. Guerra E.M.D. et al.	PHYSICAL REVIEW C	2007
76	Eta photoproduction as a test of the extended chiral symmetry	CESAR FERNANDEZ RAMIREZ Moya de Guerra E. Udías J.M.	PHYSICS LETTERS B	2007
77	Analysis of the quadrupole deformation of (1232) within an effective Lagrangian model for pion photoproduction from the nucleon	CESAR FERNANDEZ RAMIREZ Moya De Guerra E. Udías J.M.	EUROPEAN PHYSICAL JOURNAL A	2007
78	Spectral-fluctuations test of the quark-model baryon spectrum	CESAR FERNANDEZ RAMIREZ Relaño A.	PHYSICAL REVIEW LETTERS	2007
79	Effective Lagrangian Approach to pion photoproduction from the nucleon	CESAR FERNANDEZ RAMIREZ Moya de Guerra E. Udías J.M.	ANNALS OF PHYSICS	2006
80	Hints on the quadrupole deformation of the (1232)	CESAR FERNANDEZ RAMIREZ Guerra E.M.D. Udías J.M.	PHYSICAL REVIEW C	2006



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LIBROS Y CAPITULOS CON ISBN

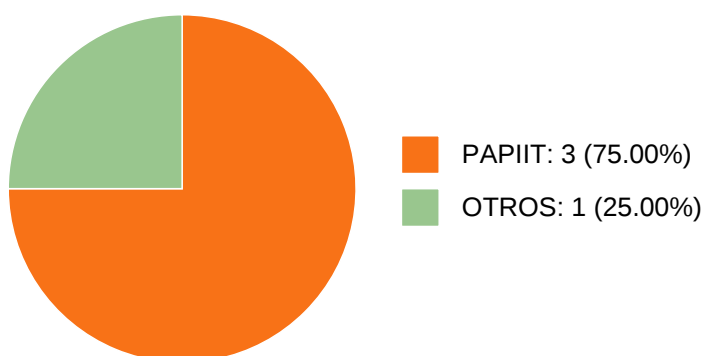
No se encuentran registros en la base de datos de Humanindex asociados a:

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

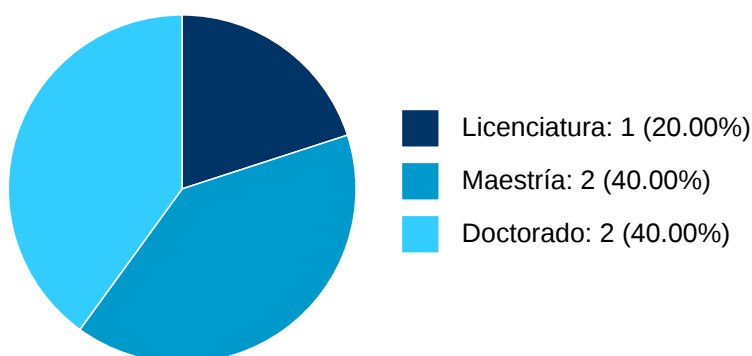


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Hadrones con encanto escondido.	CESAR FERNANDEZ RAMIREZ	Recursos PAPIIT	01-01-2019	31-12-2020
2	Machine Learning para espectroscopia hadrónica.	CESAR FERNANDEZ RAMIREZ	Recursos PAPIIT	01-01-2021	31-12-2022
3	Reacciones nucleares y el decaimiento beta doble sin neutrinos.	ROELOF BIJKER CESAR FERNANDEZ RAMIREZ	Recursos PAPIIT	01-01-2023	31-12-2025
4	Desarrollo de amplitudes de dispersión para física hadrónica.	CESAR FERNANDEZ RAMIREZ	Recursos CONAHCyT	10-10-2019	31-10-2023

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Caracterización del estado resonante s sub-umbral para el núcleo compuesto $117\text{Sn}+n$	Tesis de Doctorado	LUIS ARMANDO ACOSTA SANCHEZ,	LIBERTAD BARRON PALOS, CESAR FERNANDEZ RAMIREZ, et al.	Instituto de Ciencias Nucleares, Instituto de Física,	2023
2	Efectos de procesos radiativos en observables de precisión	Tesis de Doctorado	CESAR FERNANDEZ RAMIREZ,	GENARO TOLEDO SANCHEZ, EDUARDO PEINADO RODRIGUEZ, et al.	Instituto de Ciencias Nucleares, Instituto de Física,	2023
3	Estudio de los polos de la matriz de dispersión en un modelo sencillo	Tesis de Licenciatura	CESAR FERNANDEZ RAMIREZ,	Martínez Ventura, Selene,	Instituto de Ciencias Nucleares,	2022
4	Estudio de las reacciones nucleares $12\text{C}(12\text{C},p)$ y $12\text{C}(12\text{C}, a)$ a energías por debajo de la barrera de Coulomb	Tesis de Maestría	LUIS ARMANDO ACOSTA SANCHEZ,	LIBERTAD BARRON PALOS, CESAR FERNANDEZ RAMIREZ, et al.	Instituto de Ciencias Nucleares, Instituto de Física,	2019



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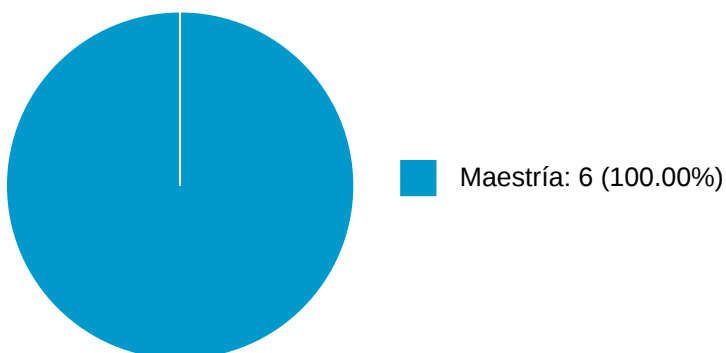
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5	Fenomenología de regge de los polos N* Y ?*	Tesis de Maestría	CESAR FERNANDEZ RAMIREZ,	Silva Castro, Jorge Antonio,	Instituto de Ciencias Nucleares,	2019
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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	REACCIONES NUCLEARES (F. DE ALTAS ENERGÍAS, F. NUCLEAR, GRAVITACIÓN Y F. MATEMÁTICA)	Instituto de Ciencias Nucleares	4	2021-2
2	Maestría	REACCIONES NUCLEARES (F. DE ALTAS ENERGÍAS, F. NUCLEAR, GRAVITACIÓN Y F. MATEMÁTICA)	Instituto de Ciencias Nucleares	4	2020-2
3	Maestría	MECÁNICA CUÁNTICA I	Instituto de Ciencias Nucleares	15	2019-2
4	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Ciencias Nucleares	1	2019-1
5	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Nucleares	1	2018-2
6	Maestría	MECÁNICA CUÁNTICA I	Instituto de Ciencias Nucleares	11	2017-2



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PATENTES

No se encuentran registros en la base de datos de patentes asociados a:

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FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2025
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024