



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



MARIA DEL CARMEN CISNEROS GUDIÑO

Datos Generales

Nombre: MARIA DEL CARMEN CISNEROS GUDIÑO

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Antigüedad académica en la UNAM: 54 años

Nombramientos

Último: INVESTIGADOR TITULAR C TC Definitivo
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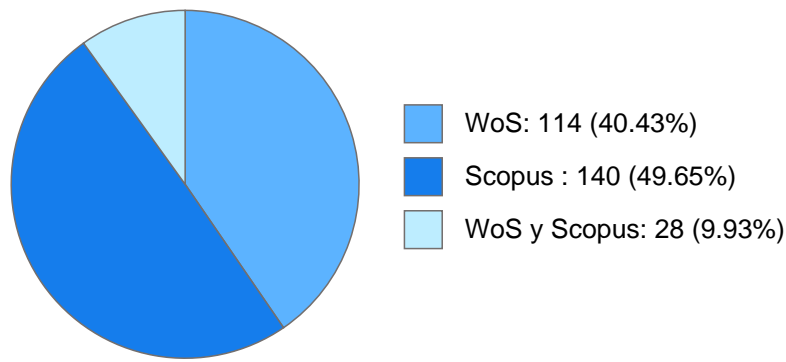
Estímulos, programas, premios y reconocimientos

SNI III - 2023
PRIDE D - 2023
PUN Investigación en ciencias exactas 2008

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Life Cycle Analysis of a Novel Process from the Automotive Industry in Mexico for Recycling Nylon 6,6 into Polymeric Coatings	EDNA VAZQUEZ VELEZ MARIA DEL CARMEN CISNEROS GUDIÑO Maria del Pilar Rodriguez et al.	SUSTAINABILITY	2023
2	Measurements of Electron Density, Temperature, and Absolute Metastable 1s(3) and 1s(5) States of Ar in Ar-CO DC Discharge Employing Emission Spectroscopy	FAROOK BASHIR YOUSIF MARIA DEL CARMEN CISNEROS GUDIÑO J. R. Legorreta et al.	IEEE TRANSACTIONS ON PLASMA SCIENCE	2023
3	Atmospheric plasma treatment to improve the surface properties of P3HB coating. A study of the influence of substrate roughness	MARIA DEL CARMEN CISNEROS GUDIÑO EDNA VAZQUEZ VELEZ ARTURO GALVAN HERNANDEZ et al.	JOURNAL OF APPLIED POLYMER SCIENCE	2023
4	Effect of radiation intensity on the fragmentation of furan through multiphoton ionization at 532 and 355 nm	MARIA DEL CARMEN CISNEROS GUDIÑO IGNACIO ALVAREZ TORRES ALFONSO ELEAZAR GUERRERO TAPIA et al.	RADIATION PHYSICS AND CHEMISTRY	2022
5	Langmuir probe, optical, and mass characterization of a DC CO ₂ -H ₂ plasma	HORACIO MARTINEZ VALENCIA PEDRO GUILLERMO REYES ROMERO JOSEFINA VERGARA SANCHEZ et al.	PHYSICS OF PLASMAS	2020

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6	Clusters formation and fragmentation of nitromethane at 266 nm	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO Martínez D. et al.	MethodsX	2020
7	The interaction of 355nm laser light on Adenine and Uracil	ALFONSO ELEAZAR GUERRERO TAPIA MARIA DEL CARMEN CISNEROS GUDIÑO L. Hallado et al.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2020
8	Fragmentation of pure nitromethane in the gas phase and a collision-free system at laser interactions of 532?nm, 355?nm, and 266?nm	ALFONSO ELEAZAR GUERRERO TAPIA IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	2019
9	Carbon/hydrogen clusters [C _n H _x +] formation from laser irradiation of coronene	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO Betancourt F. et al.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2015
10	Multiple-photon absorption in cooled molecular beams of acenes compounds at 266 and 355 nm laser radiation	MARIA DEL CARMEN CISNEROS GUDIÑO Poveda J.C. Álvarez I.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2015
11	Photofragmentation of Formic Acid	MARIA DEL CARMEN CISNEROS GUDIÑO Martínez D. Bautista T. et al.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2015
12	Detection of HCO ⁺ , NO ⁺ , CNOH ⁺ and CH ₃ ⁺ by multiphoton dissociation of the Nitromethane	MARIA DEL CARMEN CISNEROS GUDIÑO Martínez D. Álvarez I. et al.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2015
13	K-shell photoionization of Be-like boron (B ⁺) ions: Experiment and theory	MARIA DEL CARMEN CISNEROS GUDIÑO Mueller, A. Schippers, S. et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2014
14	Valence-shell single photoionization of chlorine-like K ₂ ⁺ ions: Experiment and theory	MARIA DEL CARMEN CISNEROS GUDIÑO Alna'Washi, G. A. Lu, M. et al.	PHYSICAL REVIEW A	2014
15	Excitation energies and multiphoton dissociation-ionization of 1,4-pentadiene at 266 and 355 nm	MARIA DEL CARMEN CISNEROS GUDIÑO IGNACIO ALVAREZ TORRES Poveda, J. C.	MOLECULAR PHYSICS	2013
16	Molecular ionization-dissociation of fluoranthene at 266 nm: Energetic and dissociative pathways	J. C. Poveda IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	2012
17	Valence-shell single photoionization of Kr ⁺ ions: Experiment and theory	GUILLERMO GUADALUPE HINOJOSA AGUIRRE MARIA DEL CARMEN CISNEROS GUDIÑO IGNACIO ALVAREZ TORRES et al.	PHYSICAL REVIEW A	2012

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19	Two step laser desorption - laser ionization of PAHs. Experimental Setup	ALFONSO ELEAZAR GUERRERO TAPIA IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2012
20	Structures of possible highly protonated methane cations	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO Poveda J.C.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2012
21	Valence-shell photoionization of Cl-like Ar ⁺ ions	GUILLERMO GUADALUPE HINOJOSA AGUIRRE MARIA DEL CARMEN CISNEROS GUDIÑO IVAN DOMINGUEZ LOPEZ et al.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2012
22	Transition limit regimen between multiphoton and barrier suppression ionization. Analysis of Benzene, Coronene and Circumcoronene	MARIA DEL CARMEN CISNEROS GUDIÑO Poveda J.C. Muñoz L. et al.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2012
23	Confinement resonances in photoionization of endohedral Xe@C 60 ⁺	MARIA DEL CARMEN CISNEROS GUDIÑO Kilcoyne A.L.D. Aguilar A. et al.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2012
24	Photoionization measurements for the iron isonuclear sequence Fe ³⁺ , Fe ⁵⁺ , and Fe ⁷⁺	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO GUILLERMO GUADALUPE HINOJOSA AGUIRRE et al.	PHYSICAL REVIEW A	2011
25	Multiphoton dissociation and vibrational mediated dissociation of chlorinated methanes, CH ₄ -nCl _n (n=2, 3, 4) at 355 nm	J. C. Poveda ALFONSO ELEAZAR GUERRERO TAPIA IGNACIO ALVAREZ TORRES et al.	JOURNAL OF PHOTOCHEMIST RY AND PHOTOBIOLOGY A-CHEMISTRY	2011
26	Valence-shell photoionization of chlorinelike Ar ⁺ ions	GUILLERMO GUADALUPE HINOJOSA AGUIRRE IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	PHYSICAL REVIEW A	2011
27	Valence-shell photoionization of the chlorinelike Ca ³⁺ ion	MARIA DEL CARMEN CISNEROS GUDIÑO Aina'washi, Ghassan A. Lu, M. et al.	PHYSICAL REVIEW A	2010
28	K-shell photoionization of ground-state Li-like boron ions [B ²⁺]: experiment and theory	MARIA DEL CARMEN CISNEROS GUDIÑO Mueller, A. Schippers, S. et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2010

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29	Electron-capture cross sections for Li ⁺ colliding on H and H-2 in the low-keV energy region	REMIGIO CABRERA TRUJILLO IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	PHYSICAL REVIEW A	2010
30	Multiphoton ionization and dissociation of naphthalene at 266, 355, and 532 nm	J. C. Poveda ALFONSO ELEAZAR GUERRERO TAPIA IGNACIO ALVAREZ TORRES et al.	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	2010
31	Confinement Resonances in Photoionization of Xe@C-60(+)	MARIA DEL CARMEN CISNEROS GUDIÑO Kilcoyne, A. L. D. Aguilar, A. et al.	PHYSICAL REVIEW LETTERS	2010
32	Erratum: Confinement resonances in photoionization of Xe@C60+ (Physical Review Letters (2010) 105 (213001))	MARIA DEL CARMEN CISNEROS GUDIÑO Kilcoyne A.L.D. Aguilar A. et al.	PHYSICAL REVIEW LETTERS	2010
33	Angular distributions for Li 0 formation in single collision of Li + on different gases	MARIA DEL CARMEN CISNEROS GUDIÑO Gonzalez A.L. Guerrero A. et al.	AIP Conference Proceedings	2009
34	Photoionization of ions of the cerium isonuclear sequence in the photon energy range of 4d electron excitations	MARIA DEL CARMEN CISNEROS GUDIÑO Habibi M. Esteves D. et al.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2009
35	Deprotonation cross sections for naphthalene molecular ion with 266nm laser radiation	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO Poveda J.C.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2009
36	Valence-shell photoionization of the Cl-like ion Ar ⁺ : Experiment and theory	HECTOR HUGO HINOJOSA GALVAN IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2009
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38	Classical and quantum motion in an inverse square potential	MARIA DEL CARMEN CISNEROS GUDIÑO RODOLFO PATRICIO MARTINEZ Y ROMERO Avila-Aoki, M. et al.	PHYSICS LETTERS A	2009
39	Photoionization cross sections for ions of the cerium isonuclear sequence	MARIA DEL CARMEN CISNEROS GUDIÑO Habibi, M. Esteves, D. A. et al.	PHYSICAL REVIEW A	2009
40	K-shell photoionization of ground-state Li-like carbon ions [C ³⁺]: experiment, theory and comparison with time-reversed photorecombination	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO GUILLERMO GUADALUPE HINOJOSA AGUIRRE et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2009

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42	Kinetic energy release for the collision-induced dissociation of CO +	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO García G. et al.	EUROPEAN PHYSICAL JOURNAL D	2007
43	Erratum to "Absolute total cross section measurements of the collision-induced dissociation of CO+" [Int. J. Mass Spectrom. 261 (2007) 53-56] (DOI:10.1016/j.ijms.2006.07.024)	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO García G. et al.	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	2007
44	Comment on "quantum mechanics of the $1/x^2$ potential," by Andrew M. Essin and David J. Griffiths [Am. J. Phys. 74 (2), 109-117 (2006)]	MARIA DEL CARMEN CISNEROS GUDIÑO RODOLFO PATRICIO MARTINEZ Y ROMERO Núñez-Yépez H.N. et al.	AMERICAN JOURNAL OF PHYSICS	2007
45	Absolute total cross section measurements of the collision-induced dissociation of CO+	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO García G. et al.	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	2007
46	Doubly excited resonances in the photoionization spectrum of Li+	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO Scully S.W.J. et al.	XLII SYMPOSIUM ON NUCLEAR PHYSICS 2019	2007
47	Inner-shell photodetachment from the K- ion	MARIA DEL CARMEN CISNEROS GUDIÑO Covington A.M. Kraus R.G. et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2007
48	First international meeting on recent developments in the study of radiation effects in matter: A Festschrift dedicated to Lewis T. Chadderton upon his fifty years in physics	REMIGIO CABRERA TRUJILLO MARIA DEL CARMEN CISNEROS GUDIÑO Cruz S.A. et al.	RADIATION EFFECTS AND DEFECTS IN SOLIDS	2007
49	Photoionization and electron-impact ionization of Kr3+	MARIA DEL CARMEN CISNEROS GUDIÑO GUILLERMO GUADALUPE HINOJOSA AGUIRRE Lu M. et al.	PHYSICAL REVIEW A	2006
50	High resolution (3+1) REMPI and dissociation of acetone via $3p^n$ Rydberg transitions	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO Mejía-Ospino E.	REVISTA MEXICANA DE FISICA	2006
51	Photoionization and electron-impact ionization of Kr5+	MARIA DEL CARMEN CISNEROS GUDIÑO Lu M. Gharaibeh M.F. et al.	PHYSICAL REVIEW A	2006

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53	Triple photodetachment from the Cl ⁻ ion	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO Sandström J. et al.	PHYSICAL REVIEW A	2005
54	Resonance multiphoton ionization and dissociation of dimethyl ether via the C ₂ ⁻ , C ₁ ⁻ and B ₂ ⁻ states	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO Mejia-Ospino E. et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2005
55	Photoionization and electron-impact ionization of Xe ³⁺	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO GUILLERMO GUADALUPE HINOJOSA AGUIRRE et al.	PHYSICAL REVIEW A	2005
56	Photoionization of multiply charged ions at the advanced light source	MARIA DEL CARMEN CISNEROS GUDIÑO GUILLERMO GUADALUPE HINOJOSA AGUIRRE Schlachter A.S. et al.	AIP Conference Proceedings	2005
57	Photo-double detachment from the F ⁻ ion	MARIA DEL CARMEN CISNEROS GUDIÑO Davis V.T. Aguilar A. et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2005
58	Photofragmentation of ionic carbon monoxide	GUILLERMO GUADALUPE HINOJOSA AGUIRRE IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2005
59	A theoretical and experimental study of the photoionization of Al ^{III}	MARIA DEL CARMEN CISNEROS GUDIÑO Hudson C.E. West J.B. et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2005

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60	Photoionization of ions of the nitrogen isoelectronic sequence: Experiment and theory for $F2+$ and $Ne3+$	GUILLERMO GUADALUPE HINOJOSA AGUIRRE IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2005
61	Opo-time of flight system for multiphoton ionization and dissociation studies	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO Mejía-Ospino E.	REVISTA MEXICANA DE FISICA	2004
62	Double photodetachment from the Cl^- ion	MARIA DEL CARMEN CISNEROS GUDIÑO Aguilar A. Thompson J.S. et al.	PHYSICAL REVIEW A	2004
63	Lifetime of a K-shell vacancy in atomic carbon created by $1s \rightarrow 2p$ photoexcitation of C^+	ANDRES AGUILAR NEGRETE GUILLERMO GUADALUPE HINOJOSA AGUIRRE IGNACIO ALVAREZ TORRES et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2004
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67	Photoionization of $Sc2+$ ions by synchrotron radiation: Measurements and absolute cross sections in the photon energy range 23-68 eV	GUILLERMO GUADALUPE HINOJOSA AGUIRRE MARIA DEL CARMEN CISNEROS GUDIÑO Schippers S. et al.	PHYSICAL REVIEW A	2003
68	Photoionization of $C2^+$ ions	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO GUILLERMO GUADALUPE HINOJOSA AGUIRRE et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2003

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69	Photoionization of Sc ²⁺ : Experimental link with photorecombination of Sc ³⁺ by application of detailed balance	GUILLERMO GUADALUPE HINOJOSA AGUIRRE MARIA DEL CARMEN CISNEROS GUDIÑO Schippers S. et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2003
70	Photoionization studies of the B ⁺ valence shell: Experiment and theory	MARIA DEL CARMEN CISNEROS GUDIÑO Schippers S. Müller A. et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2003
71	Photoionization of isoelectronic ions:	MARIA DEL CARMEN CISNEROS GUDIÑO Aguilar A. West J.B. et al.	PHYSICAL REVIEW A	2003
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73	Photoionization of [Formula Presented] ions by synchrotron radiation: Measurements and absolute cross sections in the photon energy range 23?68 eV	GUILLERMO GUADALUPE HINOJOSA AGUIRRE MARIA DEL CARMEN CISNEROS GUDIÑO Schippers S. et al.	PHYSICAL REVIEW A	2003
74	Absolute photoionization cross section measurements of O II ions from 29.7 to 46.2 eV	GUILLERMO GUADALUPE HINOJOSA AGUIRRE IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	2003
75	Formation of long-lived	GUILLERMO GUADALUPE HINOJOSA AGUIRRE IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	PHYSICAL REVIEW A	2002
76	Ion-formation total cross sections from dissociative collisions of vibrationally relaxed [Formula Presented] [Formula Presented] and [Formula Presented] molecular ions with He	GUILLERMO GUADALUPE HINOJOSA AGUIRRE FAROOK BASHIR YOUSIF MARIA DEL CARMEN CISNEROS GUDIÑO et al.	PHYSICAL REVIEW A	2002
77	Absolute emission cross sections for electron-impact excitation of the 3p-3s transition in Al ²⁺	MARIA DEL CARMEN CISNEROS GUDIÑO Dunn G.H. Belic D.S. et al.	PHYSICAL REVIEW A	2002

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78	Photoionization of Ne ⁺ using synchrotron radiation	GUILLERMO GUADALUPE HINOJOSA AGUIRRE IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	PHYSICAL REVIEW A	2002
79	Experimental link of photoionization of Sc ²⁺ to photorecombination of Sc ³⁺ : An application of detailed balance in a unique atomic system	GUILLERMO GUADALUPE HINOJOSA AGUIRRE MARIA DEL CARMEN CISNEROS GUDIÑO Schippers S. et al.	PHYSICAL REVIEW LETTERS	2002
80	Photoionization of C ²⁺ ions: Time-reversed recombination of C ³⁺ with electrons	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO GUILLERMO GUADALUPE HINOJOSA AGUIRRE et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2002
81	Formation of long-lived CO ²⁺ via photoionization of CO ⁺	GUILLERMO GUADALUPE HINOJOSA AGUIRRE IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	PHYSICAL REVIEW A	2002
82	Ion-formation total cross sections from dissociative collisions of vibrationally relaxed H ³⁺ , D ³⁺ , and HD ²⁺ molecular ions with He	GUILLERMO GUADALUPE HINOJOSA AGUIRRE FAROOK BASHIR YOUSIF MARIA DEL CARMEN CISNEROS GUDIÑO et al.	PHYSICAL REVIEW A	2002
83	Photoionization of metastable O ⁺ ions: Experiment and theory	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO GUILLERMO GUADALUPE HINOJOSA AGUIRRE et al.	PHYSICAL REVIEW LETTERS	2001
84	Correlated processes in inner-shell photodetachment of the Na ⁻ ion	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO GUILLERMO GUADALUPE HINOJOSA AGUIRRE et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2001
85	N ⁺ charge transfer and N ₂ + dissociation in N ₂ at swarm energies	JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO IGNACIO ALVAREZ TORRES et al.	PHYSICAL REVIEW E	2001
86	Experimental verification of quasibound predissociative states of H ³⁺ above the H ⁺⁺ H ₂ dissociation limit	IGNACIO ALVAREZ TORRES FAROOK BASHIR YOUSIF JAIME DE URQUIJO CARMONA et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2000

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87	Mobility of He ⁺ , Ne ⁺ , Ar ⁺ , N ₂ ⁺ , O ₂ ⁺ , and CO ₂ ⁺ in their parent gas	JAIME DE URQUIJO CARMONA IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	PHYS REV E	2000
88	Vibrationally resolved O 1s core-excitation spectra of CO and NO	MARIA DEL CARMEN CISNEROS GUDIÑO Püttner R. Dominguez I. et al.	PHYSICAL REVIEW A	1999
89	Ionization, electron attachment, and drift in CHF ₃	JAIME DE URQUIJO CARMONA IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO	PHYS REV E	1999
90	A time-resolved study of ionization, electron attachment and positive-ion drift in methane	JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO Arriaga C.A. et al.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	1999
91	Polar dissociation of vibrationally de-excited H ₃ ⁺ and D ₃ ⁺ in collision with He	GUILLERMO GUADALUPE HINOJOSA AGUIRRE FAROOK BASHIR YOUSIF MARIA DEL CARMEN CISNEROS GUDIÑO et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	1999
92	Measurement of ionization and electron transport in methane-argon mixtures	JAIME DE URQUIJO CARMONA IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	1999
93	Generation of an H ₃ ⁺ (v=0) beam and its diagnosis from the observation of its polar dissociation in collision with He	FAROOK BASHIR YOUSIF GUILLERMO GUADALUPE HINOJOSA AGUIRRE JAIME DE URQUIJO CARMONA et al.	INT J MASS SPECTROM	1998
94	Limitations on the superposition principle: Superselection rules in non-relativistic quantum mechanics	MARIA DEL CARMEN CISNEROS GUDIÑO RODOLFO PATRICIO MARTINEZ Y ROMERO Núñez-Yépez H.N. et al.	EUROPEAN JOURNAL OF PHYSICS	1998
95	Drift and proton transfer reactions of positive ions in methane parent gas	JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO Domínguez I. et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	1997

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96	Measurements of single electron capture cross sections in collisions of Kr ⁺ with Xe	HORACIO MARTINEZ VALENCIA MARIA DEL CARMEN CISNEROS GUDIÑO Hernández J.M. et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	1997
97	Single electron capture of H ⁺ in Mg in the energy range 0.5 to 5.0 keV	MARIA DEL CARMEN CISNEROS GUDIÑO HORACIO MARTINEZ VALENCIA BEATRIZ ELIZABETH FUENTES MADARIAGA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	1996
98	The influence of ion/molecule reactions on the evaluation of ion mobility and diffusion coefficients	JAIME DE URQUIJO CARMONA IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	INT J MASS SPECTROM	1996
99	Single- and double-electron loss of H ⁻ in collisions with SF ₆ , CH ₄ , and CO	JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO HORACIO MARTINEZ VALENCIA et al.	PHYSICAL REVIEW A	1996
100	Bipolar high voltage dc supply for deflecting charged particle beams	JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I.	REVIEW OF SCIENTIFIC INSTRUMENTS	1995
101	Single and double electron capture in H ⁺ on Kr collisions at low-keV energies	HORACIO MARTINEZ VALENCIA BEATRIZ ELIZABETH FUENTES MADARIAGA MARIA DEL CARMEN CISNEROS GUDIÑO et al.	CHEMICAL PHYSICS	1995
102	Compilation and analytic fitting of state-selective electron capture cross sections in collisions of Beq ⁺ , Bq ⁺ , Alq ⁺ , Siq ⁺ , Tiq ⁺ , Vq ⁺ , Niq ⁺ , Krq ⁺ , and Moq ⁺ ions with H, H ₂ and He	MARIA DEL CARMEN CISNEROS GUDIÑO JAIME DE URQUIJO CARMONA Alvarez I.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	1995

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103	Angular distributions for H ⁻ formation from interaction of H ₂ + with Kr	BEATRIZ ELIZABETH FUENTES MADARIAGA HORACIO MARTINEZ VALENCIA MARIA DEL CARMEN CISNEROS GUDIÑO et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	1995
104	A coincidence system for studying collisional ion dissociation: Application to H ⁺ 3 in He	JAIME DE URQUIJO CARMONA IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO et al.	REVIEW OF SCIENTIFIC INSTRUMENTS	1994
105	Center-of-mass energy distributions of coincident H ⁻ and H ⁺ from the collision-induced dissociation of H ₃ ⁺ in He	HORACIO MARTINEZ VALENCIA MARIA DEL CARMEN CISNEROS GUDIÑO JAIME DE URQUIJO CARMONA et al.	PHYSICAL REVIEW A	1994
106	Single electron capture in He ⁺ on SF ₆ , collisions at low keV energies	HORACIO MARTINEZ VALENCIA MARIA DEL CARMEN CISNEROS GUDIÑO JAIME DE URQUIJO CARMONA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	1993
107	Formation of D ⁺ by collisional dissociation of 4.5 keV D ⁺ 3 with He	HORACIO MARTINEZ VALENCIA JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	1993
108	Angular and velocity distributions of the HD ⁺ and D ₂ ⁺ fragments from HD ₂ ⁺ colliding with He at energies of 1 to 5 keV	MARIA DEL CARMEN CISNEROS GUDIÑO JAIME DE URQUIJO CARMONA Alvarez I. et al.	PHYSICAL REVIEW A	1992

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109	Transpon Coefficients of SF ⁺ and SF ⁺ 2 in SF ₆	JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO HORACIO MARTINEZ VALENCIA et al.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	1992
110	Angular distributions of H ⁻ fragments from H ⁺ 2 on Mg at low keV collisions	MARIA DEL CARMEN CISNEROS GUDIÑO HORACIO MARTINEZ VALENCIA JAIME DE URQUIJO CARMONA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	1991
111	Mobility and longitudinal diffusion of sf ₅ and sf ₆ in sf ₆	HORACIO MARTINEZ VALENCIA MARIA DEL CARMEN CISNEROS GUDIÑO Urquijo-Carmona J.D. et al.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	1991
112	Single electron capture of Ne ⁺ in He in the energy range 0.5 to 5 keV	HORACIO MARTINEZ VALENCIA MARIA DEL CARMEN CISNEROS GUDIÑO JAIME DE URQUIJO CARMONA et al.	Z PHYS D ATOM MOL CL	1991
113	The collisional dissociation of HD ⁺ 2 studied by angular distributions and translational spectroscopy	MARIA DEL CARMEN CISNEROS GUDIÑO JAIME DE URQUIJO CARMONA HORACIO MARTINEZ VALENCIA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	1991
114	Collisional dissociation of HD ⁺ 2 molecular ions in H ₂ in the energy range 1.5-5.0 keV	MARIA DEL CARMEN CISNEROS GUDIÑO HORACIO MARTINEZ VALENCIA JAIME DE URQUIJO CARMONA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	1991

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115	Collisional dissociation and binding energy of D_3^+	HORACIO MARTINEZ VALENCIA MARIA DEL CARMEN CISNEROS GUDIÑO JAIME DE URQUIJO CARMONA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	1991
116	Single and double electron capture of H^+ in SF_6 in the energy range 1 to 5 keV	HORACIO MARTINEZ VALENCIA JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO et al.	PHYSICS LETTERS A	1990
117	Absolute differential cross sections for single-electron capture of H^0 in Ar at keV energies	HORACIO MARTINEZ VALENCIA JORGE ANTONIO REYES MORALES JAIME DE URQUIJO CARMONA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	1989
118	H^- formation from collision-induced dissociation of H_3^+ in He at keV energies	HORACIO MARTINEZ VALENCIA MARIA DEL CARMEN CISNEROS GUDIÑO JORGE ANTONIO REYES MORALES et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	1989
119	Absolute cross-section measurements of the direct charge transfer of He^+ in neon in the energy range 0.55 keV	HORACIO MARTINEZ VALENCIA MARIA DEL CARMEN CISNEROS GUDIÑO JAIME DE URQUIJO CARMONA et al.	PHYSICAL REVIEW A	1988
120	Binding energy of H_3^+ from the analysis of angular and energy distributions of the reaction $H_3^+ + HeH_2^+ \rightarrow H^+ + He$	HORACIO MARTINEZ VALENCIA JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO et al.	PHYSICAL REVIEW A	1987
121	Erratum: Time-resolved study of charge transfer in SF_6 (Journal of Physics D: Applied Physics (1986) 19 (L207-L210))	JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	1987

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122	Time-resolved study of charge transfer in SF6	JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	1986
123	Autodetaching states of H2 - and charge-transfer processes in H- on H collisions	ALEJANDRO AMAYA TAPIA MARIA DEL CARMEN CISNEROS GUDIÑO Russek A.	PHYSICAL REVIEW A	1986
124	Transient analysis of the drift and longitudinal diffusion of ions in a uniform-field discharge gap	JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	1985
125	Measurement of ionisation, positive ion mobilities and longitudinal diffusion coefficients in SF6 at high E/N	JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	1985
126	H- formation in H0++ Mg collisions	MARIA DEL CARMEN CISNEROS GUDIÑO JORGE ANTONIO REYES MORALES Alvarez I. et al.	PHYSICS LETTERS A	1985
127	Erratum: Transient analysis of the drift and longitudinal diffusion of ions in a uniform-field discharge gap (Journal of Physics D: Applied Physics (1985) 18, 12)	JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	1985
128	INTERFERENCE EFFECTS IN NEGATIVE ION FORMATION.	JORGE ANTONIO REYES MORALES JAIME DE URQUIJO CARMONA MARIA DEL CARMEN CISNEROS GUDIÑO et al.	AIP Conference Proceedings	1984
129	Three-body dissociation of triatomic hydrogen molecular ions	MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I. De Urquaijo J. et al.	PHYSICAL REVIEW LETTERS	1984
130	Angular distributions for H- formation in single collisions of H+ on Mg	MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I. Russek A.	PHYSICAL REVIEW A	1982
131	Angular distributions of dissociation fragments from low-kilovolt-energy collisions of H2+ on He	MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I. Russek A.	PHYSICAL REVIEW A	1981
132	Erratum: Individual orbital contribution to the electronic stopping cross section in the low-velocity region	MARIA DEL CARMEN CISNEROS GUDIÑO IGNACIO ALVAREZ TORRES Cruz S.A.	PHYSICAL REVIEW A	1979
133	Electron capture to D3- and D30 repulsive states by D3+ in Cs	MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I. García R.G. et al.	PHYSICAL REVIEW A	1979
134	Individual orbital contribution to the electronic stopping cross section in the low-velocity region	MARIA DEL CARMEN CISNEROS GUDIÑO Cruz S.A. Alvarez I.	PHYSICAL REVIEW A	1978

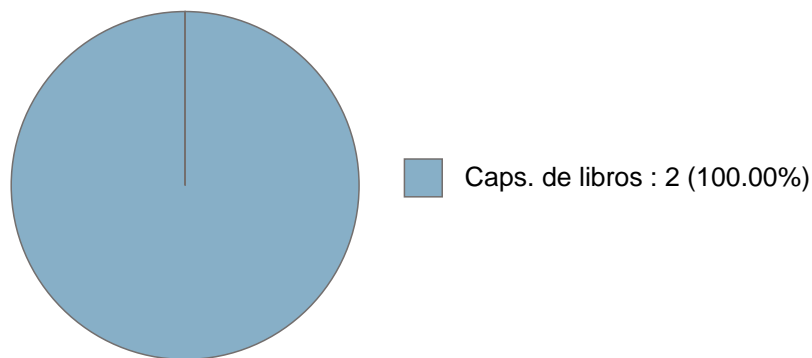
MARIA DEL CARMEN CISNEROS GUDIÑO

135	Addendum to "individual orbital contribution to the electronic stopping cross section in the low-velocity region"	MARIA DEL CARMEN CISNEROS GUDIÑO Cruz S.A. Alvarez I.	PHYSICAL REVIEW A	1978
136	Negative-ion formation from dissociative collisions of H ₂ ⁺ , H ₃ ⁺ , and HD ₂ ⁺ in H ₂ , He, and Xe	MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I. Barnett C.F. et al.	PHYSICAL REVIEW A	1976
137	Differential scattering and total cross sections of hydrogen and deuterium atoms in nitrogen	MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I. Barnett C.F. et al.	PHYSICAL REVIEW A	1976
138	Angular distributions and total cross sections for D ⁻ formation from interaction of D ₂ ⁺ with cesium	MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I. Barnett C.F. et al.	PHYSICAL REVIEW A	1976
139	Angular distributions and total cross sections for D ⁻ formation from interaction of D ⁺ and D ⁰ with cesium	MARIA DEL CARMEN CISNEROS GUDIÑO Alvarez I. Barnett C.F. et al.	PHYSICAL REVIEW A	1976
140	Electron capture and stripping cross sections for Tl and K ions and atoms in H ₂	IGNACIO ALVAREZ TORRES MARIA DEL CARMEN CISNEROS GUDIÑO Barnett C.F. et al.	PHYSICAL REVIEW A	1976
141	Channeltron efficiency for counting of H ⁺ and H ⁻ at low energy	MARIA DEL CARMEN CISNEROS GUDIÑO Crandall D.H. Ray J.A.	REVIEW OF SCIENTIFIC INSTRUMENTS	1975

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN

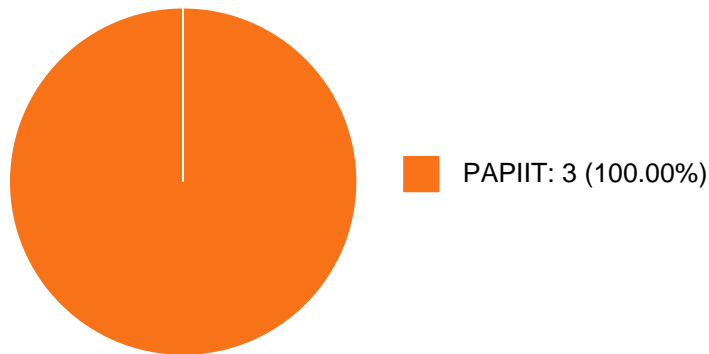


#	Título	Autores	Alcance	Año	ISBN
1	La Física Atómica, Molecular y Óptica en México	IGNACIO ALVAREZ TORRES REMIGIO CABRERA TRUJILLO MARIA DEL CARMEN CISNEROS GUDIÑO et al.	Capítulo de un Libro	2016	9786079745509
2	Molecular ionization-dissociation of naphthalene in the multiple photon absorption regimes	MARIA DEL CARMEN CISNEROS GUDIÑO Poveda J.C. Álvarez I.	Capítulo de un Libro	2012	9781619425507

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

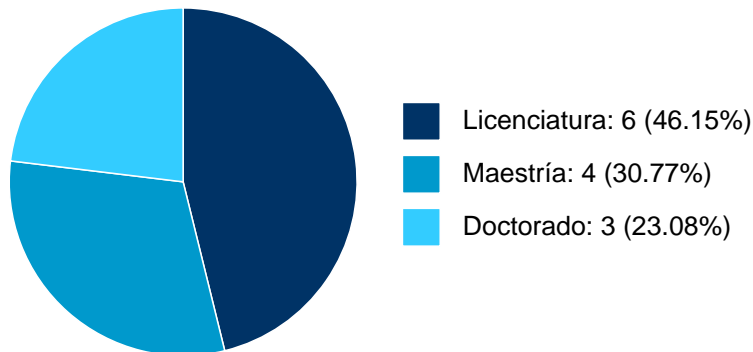


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Fragmentación de moléculas poliatómicas con radiación láser	MARIA DEL CARMEN CISNEROS GUDIÑO	Recursos PAPIIT	01-01-2018	31-12-2020
2	Efectos de la radiación UV-Visible en las bases nitrogenadas de ADN y ARN.	MARIA DEL CARMEN CISNEROS GUDIÑO	Recursos PAPIIT	01-01-2021	31-12-2022
3	Análisis de la fotodisociación de moléculas heterocíclicas: furano y tiofeno	MARIA DEL CARMEN CISNEROS GUDIÑO	Recursos PAPIIT	01-01-2023	31-12-2024

MARIA DEL CARMEN CISNEROS GUDIÑO

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Estudios multifotónicos de la adenina	Tesis de Maestría	MARIA DEL CARMEN CISNEROS GUDIÑO,	Hallado Abaunza, Luisa, Xiomara,	Instituto de Ciencias Físicas,	2020
2	Fotólisis del nitrometano en el límite de transición multifotónica	Tesis de Maestría	MARIA DEL CARMEN CISNEROS GUDIÑO,	Martínez Farfán, Ana Denhi,	Instituto de Ciencias Físicas,	2015
3	Dinámica de fotoionización y fotodisociación de compuestos carbonílicos de bajo peso molecular	Tesis de Maestría	MARIA DEL CARMEN CISNEROS GUDIÑO,	Muñoz Rúgeles, Leonardo,	Instituto de Ciencias Físicas,	2013
4	Fotodisociación de pentadieno con radiación láser de 266 nm	Tesis de Licenciatura	MARIA DEL CARMEN CISNEROS GUDIÑO,	Fuentes Cruz, César David,	Instituto de Ciencias Físicas,	2010
5	Ionización y disociación frrl fluoreno, carbazol y dibenzofurano inducida por absorción multifotónica	Tesis de Maestría	MARIA DEL CARMEN CISNEROS GUDIÑO,	Villabona Monsalve, Juan Pablo,	Instituto de Ciencias Físicas,	2009
6	Fotoionización y fotodisociación de hidrocarburos aromáticos policíclicos	Tesis de Doctorado	MARIA DEL CARMEN CISNEROS GUDIÑO,	Poveda Jaramillo, Juan Carlos,	Instituto de Ciencias Físicas,	2009

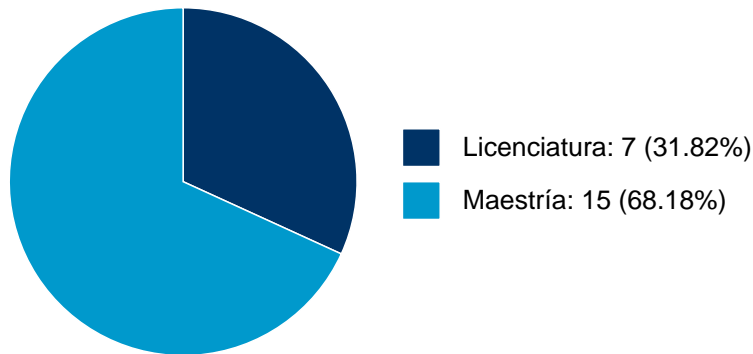
MARIA DEL CARMEN CISNEROS GUDIÑO

7	Fragmentación del 2,3-benzantraceno (C18H12) con radiación láser de 355 nm	Tesis de Licenciatura	MARIA DEL CARMEN CISNEROS GUDIÑO,	San Román Rodríguez, Alejandro,	Instituto de Ciencias Físicas,	2008
8	Aplicaciones del laser : ionizacion y disociacion multifotonica de fluoreno	Tesis de Licenciatura	MARIA DEL CARMEN CISNEROS GUDIÑO,	Yepez Martinez, Tochtli Cuauhtli,		2006
9	Estudio de la estructura, fotoionizacion y fotodisociacion molecular por absorcion multiple de fotones	Tesis de Doctorado	MARIA DEL CARMEN CISNEROS GUDIÑO,	Mejia Ospino, Enrique,		2004
10	Interaccion de iones multiplicemente cargados con una superficie de Al	Tesis de Licenciatura	MARIA DEL CARMEN CISNEROS GUDIÑO,	Gortari Huitron, Itzam de,		2001
11	Multifotoionizacion y multifotodisociacion en el benceno, un estudio experimental	Tesis de Licenciatura	MARIA DEL CARMEN CISNEROS GUDIÑO,	Ruiz Mendez, Camilo,		1999
12	Estudio de la formacion de H [menos], H [cero] y H [mas] a partir de la colision de H [mas] y H2 [mas] en Kr	Tesis de Doctorado	MARIA DEL CARMEN CISNEROS GUDIÑO,	HORACIO MARTINEZ VALENCIA, Fuentes Madariaga, Beatriz Elizabeth,		1998
13	Analisis de distribuciones angulares a baja energia	Tesis de Licenciatura	MARIA DEL CARMEN CISNEROS GUDIÑO,	Monroy Benitez, Lucia L.,		1983

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TEMAS SELECTOS DE METALURGÍA TERMODINÁMICA DE MATERIALES	Facultad de Química	1	2020-2
2	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2020-1
3	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2019-2
4	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2019-1
5	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2019-1
6	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-2
7	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-2
8	Maestría	TEMA SELECTO,FISICA ATOMICA Y MOLECULAR - LABORATORIO	Facultad de Química	2	2018-2
9	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-1
10	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2017-2
11	Maestría	FÍSICA ATÓMICA	Instituto de Ciencias Físicas	2	2017-2
12	Maestría	LABORATORIO AVANZADO-394260	Instituto de Ciencias Físicas	1	2017-1
13	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Físicas	1	2014-2
14	Maestría	FISICA ATOMICA	Instituto de Ciencias Físicas	1	2014-2
15	Licenciatura	INTROD. A FISICA ATOMICA Y MOLECUL.	Facultad de Ciencias	6	2014-2
16	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Físicas	1	2014-1



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
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Reporte individual



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17	Licenciatura	TEMAS SELEC. FIS. ATOMIC. MOLECUL.	Facultad de Ciencias	5	2012-2
18	Licenciatura	TEMAS SELEC. FIS. ATOMIC. MOLECUL.	Facultad de Ciencias	1	2011-2
19	Licenciatura	FISICA ATOMICA Y MATERIA CONDENSAD	Facultad de Ciencias	9	2011-1
20	Licenciatura	FISICA ATOMICA Y MATERIA CONDENSAD	Facultad de Ciencias	19	2010-1
21	Licenciatura	TEMAS SELEC. FIS. ATOMIC. MOLECUL.	Facultad de Ciencias	3	2008-2
22	Licenciatura	TEMAS SELEC. FIS. ATOMIC. MOLECUL.	Facultad de Ciencias	3	2008-1



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Reporte individual



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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	2008-2024
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