



MARCELO LOZADA Y CASSOU

Datos Generales

Nombre: MARCELO LOZADA Y CASSOU

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 13 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Energías Renovables
Desde 01-09-2021

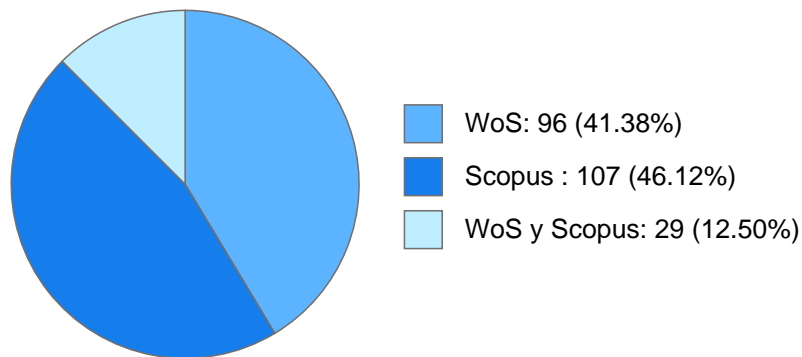
Estímulos, programas, premios y reconocimientos

SNI Emérito 2016 - 2024
PRIDE C 2020 - 2024
EQUIVALENCIA PRIDE B 2016 - 2020

MARCELO LOZADA Y CASSOU

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Reformulation of the Ornstein-Zernike relation for a homogeneous isotropic fluid of spherical symmetry	SOCRATES ANIBAL RIVERA CERECERO MARCELO LOZADA Y CASSOU	JOURNAL OF CHEMICAL PHYSICS	2023
2	Topological impact of nanopore electrodes on the structure of the electrical double layer and the differential capacitance	MARCELO LOZADA Y CASSOU Silva-Caballero A. Lozada-Hidalgo A.	JOURNAL OF MOLECULAR LIQUIDS	2023
3	Overcharging-Non-overcharging transition curve in cylindrical nano-pores	MARCELO LOZADA Y CASSOU González-Tovar E.	JOURNAL OF MOLECULAR LIQUIDS	2022
4	Violation of the local electroneutrality condition in an inhomogeneous macroions solution	MARCELO LOZADA Y CASSOU González-Calderón A.	EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS	2021
5	Long-range forces and charge inversions in model charged colloidal dispersions at finite concentration	MARCELO LOZADA Y CASSOU González-Tovar E.	ADVANCES IN COLLOID AND INTERFACE SCIENCE	2019
6	Very long-range attractive and repulsive forces in model colloidal dispersions	MARCELO LOZADA Y CASSOU Gonzalez-Calderon Enrique Gonzalez-Tovar	EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS	2019

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7	Comparison of zeta potentials and structure for statistical mechanical theories of a model cylindrical double layer	MARCELO LOZADA Y CASSOU Enrique Gonzalez-Tovar Lutful Bari Bhuiyan et al.	JOURNAL OF MOLECULAR LIQUIDS	2018
8	Outsized Amplitude-Modulated Structure of Very-Long-Range Charge Inversions in Model Colloidal Dispersions	MARCELO LOZADA Y CASSOU Enrique Gonzalez-Tovar Martin Chavez-Paez et al.	JOURNAL OF PHYSICAL CHEMISTRY B	2018
9	Reversed electrophoretic mobility of a spherical colloid in the Modified Poisson-Boltzmann approach	MARCELO LOZADA Y CASSOU Outhwaite, Christopher W. Bhuiyan, Lutful Bari et al.	JOURNAL OF MOLECULAR LIQUIDS	2017
10	Equivalence between particles and fields: A general statistical mechanics theory for short and long range many-body forces	MARCELO LOZADA Y CASSOU Odriozola, Gerardo	FORTSCHRITTE DER PHYSIK-PROGRESS OF PHYSICS	2017
11	Entropy Driven Self-Assembly in Charged Lock-Key Particles	MARCELO LOZADA Y CASSOU Odriozola, Gerardo	JOURNAL OF PHYSICAL CHEMISTRY B	2016
12	Statistical mechanics approach to lock-key supramolecular chemistry interactions	MARCELO LOZADA Y CASSOU Odriozola G.	PHYSICAL REVIEW LETTERS	2013
13	Modified colloidal primitive model as a homogeneous surface charge distribution: ψ -potential	MARCELO LOZADA Y CASSOU Manzanilla-Granados H.M.	JOURNAL OF PHYSICAL CHEMISTRY B	2013
14	Entropy effects in self-assembling mechanisms: Also a view from the information theory	MARCELO LOZADA Y CASSOU Jiménez-Ángeles F. Odriozola G.	JOURNAL OF MOLECULAR LIQUIDS	2011
15	Polarity inversion of ψ -potential in concentrated colloidal Dispersions	MARCELO LOZADA Y CASSOU Manzanilla-Granados H.M. Jiménez-Ángeles F.	JOURNAL OF PHYSICAL CHEMISTRY B	2011
16	The ψ -potential for a concentrated colloidal dispersion: The colloidal primitive model vs. the cell model	MARCELO LOZADA Y CASSOU Manzanilla-Granados H.M. Jiménez-Ángeles F.	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2011
17	Overcharging and charge reversal in the electrical double layer around the point of zero charge	MARCELO LOZADA Y CASSOU Guerrero-García G.I. González-Tovar E. et al.	JOURNAL OF CHEMICAL PHYSICS	2010
18	Stability mechanisms for plate-like nanoparticles immersed in a macroion dispersion	MARCELO LOZADA Y CASSOU Jiménez-Ángeles F. Odriozola G.	JOURNAL OF PHYSICS-CONDENSED MATTER	2009

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19	Electrokinetic properties of monovalent electrolytes confined in charged nanopores: Effect of geometry and ionic short-range correlations	MARCELO LOZADA Y CASSOU Sánchez-Arellano E. Olivares W. et al.	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2009
20	Entropy driven key-lock assembly	MARCELO LOZADA Y CASSOU Odriozola G. Jiménez-Ángeles F.	JOURNAL OF CHEMICAL PHYSICS	2008
21	On the regimes of charge reversal	MARCELO LOZADA Y CASSOU Jiménez-Ángeles F.	JOURNAL OF CHEMICAL PHYSICS	2008
22	Application of a recently proposed test to the hypernetted chain approximation for the electric double layer	MARCELO LOZADA Y CASSOU Henderson D. Alawneh M. et al.	CONDENSED MATTER PHYSICS	2007
23	Van der Waals-like isotherms in a confined electrolyte by spherical and cylindrical nanopores	MARCELO LOZADA Y CASSOU Aguilar-Pineda G.E. Jiménez-Ángeles F. et al.	JOURNAL OF PHYSICAL CHEMISTRY B	2007
24	Realization of dynamical group for a symmetric well potential $\tan^2(\text{prx}/a)$ and its controllability	MARCELO LOZADA Y CASSOU Dong S.-H. Arjona L M.A.	International Journal Of Modern Physics A	2006
25	Two rods confined by positive plates: Effective forces and charge distribution profiles	MARCELO LOZADA Y CASSOU Odriozola G. Jiménez-Ángeles F.	JOURNAL OF PHYSICS-CONDENSED MATTER	2006
26	Optical characterization of polyethylene and cobalt phthalocyanine ultrathin films by means of the ATR technique at surface plasmon resonance	MARCELO LOZADA Y CASSOU Juárez M.R. Aguirre N.M. et al.	PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE	2006
27	Exact solutions of the Klein-Gordon equation with scalar and vector ring-shaped potentials	MARCELO LOZADA Y CASSOU Dong S.-H.	PHYSICA SCRIPTA	2006
28	Effect of confinement on the interaction between two like-charged rods	MARCELO LOZADA Y CASSOU Odriozola G. Jiménez-Ángeles F.	PHYSICAL REVIEW LETTERS	2006
29	Electrolyte distribution around two like-charged rods: Their effective attractive interaction and angular dependent charge reversal	MARCELO LOZADA Y CASSOU Jiménez-Ángeles F. Odriozola G.	JOURNAL OF CHEMICAL PHYSICS	2006
30	The effects of unequal ionic sizes for an electrolyte in a charged slit	ARMANDO ANTILLON DIAZ MARCELO LOZADA Y CASSOU Yu J. et al.	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2006

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31	Algebraic approach to a harmonic oscillator plus an inverse squared potential and its recurrence relation	MARCELO LOZADA Y CASSOU Dong S. Dong S.-H.	PHYSICA SCRIPTA	2006
32	Quantum properties of complete solutions for a new noncentral ring-shaped potential	MARCELO LOZADA Y CASSOU Dong S.-H. Chen C.-Y.	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	2005
33	About the effective thermal and optical parameters of a two-layer structure in photothermal phenomena	MARCELO LOZADA Y CASSOU Muñoz Aguirre N. Martínez Pérez L. et al.	J PHYS IV	2005
34	Exact solutions, ladder operators and barut-girardello coherent states for a harmonic oscillator plus an inverse square potential	MARCELO LOZADA Y CASSOU Dong S.-H.	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2005
35	Ion size correlations and charge reversal in real colloids	MARCELO LOZADA Y CASSOU Quesada-Pérez M. González-Tovar E. et al.	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2005
36	An algebraic approach to a harmonic oscillator plus an inverse square potential in two dimensions	MARCELO LOZADA Y CASSOU Dong S.-H. Sun G.-H.	International Journal Of Modern Physics A	2005
37	The electrical double layer for a fully asymmetric electrolyte around a spherical colloid: An integral equation study	MARCELO LOZADA Y CASSOU Guerrero-García G.I. González-Tovar E. et al.	JOURNAL OF CHEMICAL PHYSICS	2005
38	Generalized hypervirial and Blanchard's recurrence relations for radial matrix elements	MARCELO LOZADA Y CASSOU Dong S.-H. Chen C.-Y.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2005
39	Generalized hypervirial and recurrence relations for radial matrix elements in arbitrary dimensions	MARCELO LOZADA Y CASSOU Dong S.-H.	MODERN PHYSICS LETTERS A	2005
40	Exact solutions and ladder operators for a new anharmonic oscillator	MARCELO LOZADA Y CASSOU Dong S.-H. Sun G.-H.	PHYSICS LETTERS A	2005
41	Exact solutions of the Schrödinger equation with the position-dependent mass for a hard-core potential	MARCELO LOZADA Y CASSOU Dong S.-H.	PHYSICS LETTERS A	2005

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42	Dirac equation with a Coulomb plus scalar potential in $D + 1$ dimensions	MARCELO LOZADA Y CASSOU Dong S.-H. Sun G.-H.	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	2005
43	Exact solutions of the hydrogen-like atoms confined by a potential step	MARCELO LOZADA Y CASSOU Dong S.-H. Jiang Y. et al.	PHYSICA SCRIPTA	2005
44	Some recurrence relations among the radial matrix elements for the relativistic hydrogenic atoms	MARCELO LOZADA Y CASSOU Dong S.-H. Chen C.-Y.	PHYSICS LETTERS A	2004
45	Quantum features of semiconductor quantum dots	MARCELO LOZADA Y CASSOU Dong S.-H. Yu J.	PHYSICS LETTERS A	2004
46	On the analysis of the eigenvalues of the dirac equation with a $1/r$ potential in D dimensions	MARCELO LOZADA Y CASSOU Dong S.-H.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2004
47	Scattering of the dirac particle by a coulomb plus scalar potential in two dimensions	MARCELO LOZADA Y CASSOU Dong S.-H.	PHYSICS LETTERS A	2004
48	An algebraic approach to the ring-shaped non-spherical oscillator	MARCELO LOZADA Y CASSOU Dong S.-H. Sun G.-H.	PHYSICS LETTERS A	2004
49	Periodic precursors of nonlinear dynamical transitions	MARCELO LOZADA Y CASSOU Jiang Y. Dong S.-H.	PHYSICAL REVIEW E	2004
50	Proceedings of the second international conference on applied statistical physics: Molecular engineering (Puerto Vallarta, Mexico, 24-29 August 2003)	MARCELO LOZADA Y CASSOU Barbosa M.C.	JOURNAL OF PHYSICS-CONDENSED MATTER	2004
51	A model macroion solution next to a charged wall: Overcharging, charge reversal, and charge inversion by macroions	MARCELO LOZADA Y CASSOU Jiménez-Ángeles F.	JOURNAL OF PHYSICAL CHEMISTRY B	2004
52	Complex dynamics in a periodically perturbed electro-chemical system	MARCELO LOZADA Y CASSOU Jiang Y. Dong S.-H.	JOURNAL OF CHEMICAL PHYSICS	2004
53	Noise-induced coherence in bistable systems with multiple time delays	MARCELO LOZADA Y CASSOU Jiang Y. Dong S.-H.	PHYSICAL REVIEW E	2004
54	Simple model for semipermeable membrane: Donnan equilibrium	MARCELO LOZADA Y CASSOU Jiménez-Ángeles F.	JOURNAL OF PHYSICAL CHEMISTRY B	2004
55	Influence of the solid-gas interface on the effective thermal parameters of a two-layer structure in photoacoustic experiments	MARCELO LOZADA Y CASSOU Muñoz Aguirre N. Martínez Pérez L. et al.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	2004

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56	Noise-induced coherence in bistable systems with multiple time delays	MARCELO LOZADA Y CASSOU Jiang Y. Dong S.-H.	PHYS REV E	2004
57	Application of the total internal reflection phenomenon as a gas sensing technique using evaporated SnO ₂ thin films	MARCELO LOZADA Y CASSOU Martínez Pérez L. Altuzar V. et al.	REVISTA MEXICANA DE FISICA	2004
58	The Klein-Gordon equation with a coulomb plus scalar potential in d dimensions	MARCELO LOZADA Y CASSOU Ma Z.-Q. Dong S.-H. et al.	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2004
59	Synchronization and symmetry-breaking bifurcations in constructive networks of coupled chaotic oscillators	MARCELO LOZADA Y CASSOU Jiang Y. Vinet A.	PHYS REV E	2003
60	Ion pairing in model electrolytes: A study via three-particle correlation functions	MARCELO LOZADA Y CASSOU Jiménez-Angeles F. Messina R. et al.	JOURNAL OF CHEMICAL PHYSICS	2003
61	Overcharging in colloids: Beyond the Poisson-Boltzmann approach	MARCELO LOZADA Y CASSOU Quesada-Pérez M. González-Tovar E. et al.	Chemphysche m	2003
62	Emergent dynamics in a network of recurrently coupled neurons	MARCELO LOZADA Y CASSOU Jiang Y.	PHYSICS LETTERS A	2003
63	Synchronization and symmetry-breaking bifurcations in constructive networks of coupled chaotic oscillators	MARCELO LOZADA Y CASSOU Jiang Y. Vinet A.	PHYS REV E	2003
64	Overcharging: The crucial role of excluded volume	MARCELO LOZADA Y CASSOU Messina R. González-Tovar E. et al.	EPL	2002
65	Applied statistical physics molecular engineering conference Cancun, Mexico 23-27 July 2001	MARCELO LOZADA Y CASSOU Jackson G.	MOLECULAR PHYSICS	2002
66	Liquid correlation across the walls in a slit pore: Effect on the wetting and drying transition	MARCELO LOZADA Y CASSOU Olivares W. Degreève L. et al.	PHYS REV E	2002
67	Overcharging of DNA in the presence of salt: Theory and simulation	MARCELO LOZADA Y CASSOU Deserno M. Jiménez-Ángeles F. et al.	J PHYS CHEM B	2001
68	Erratum: Primitive model electrophoresis (Journal of Colloid and Interface Science (2001) 239:2 (285-295))	MARCELO LOZADA Y CASSOU González-Tovar E.	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2001
69	Primitive model electrophoresis	MARCELO LOZADA Y CASSOU González-Tovar E.	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2001

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70	Nonlinear effects in the electrophoresis of a spherical colloidal particle	MARCELO LOZADA Y CASSOU González-Tovar E. Olivares W.	PHYS REV E	1999
71	Monte Carlo simulation of a charged fluid separated by a charged wall of finite thickness	MARCELO LOZADA Y CASSOU Degreve Leo	PHYS REV E	1998
72	Charge Separation in Confined Charged Fluids	MARCELO LOZADA Y CASSOU Yu J. Degrève L.	PHYSICAL REVIEW LETTERS	1997
73	Correlation of charged fluids separated by a wall of finite thickness: Dependence on the charge of the fluid and the wall	MARCELO LOZADA Y CASSOU Yu J.	PHYS REV E	1997
74	Violation of the electroneutrality condition in confined unsymmetrical electrolytes	MARCELO LOZADA Y CASSOU Olivares W. Sulbarán B. et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1996
75	Correlation of Charged Fluids Separated by a Wall	MARCELO LOZADA Y CASSOU Jiang Y.	PHYSICAL REVIEW LETTERS	1996
76	Effect of pore geometry on a confined hard sphere fluid	MARCELO LOZADA Y CASSOU Alejandre J. Degrève L.	MOLECULAR PHYSICS	1996
77	Violation of the electroneutrality condition in confined charged fluids	MARCELO LOZADA Y CASSOU Olivares W. Sulbarán B.	PHYS REV E	1996
78	Monte carlo and HNC/MSA results for an asymmetrical electrolyte in an external electrical field of spherical geometry	MARCELO LOZADA Y CASSOU Degrève L.	MOLECULAR PHYSICS	1995
79	Static and transport properties of symmetric and asymmetric electrolytes in micropores at fixed surface potential	MARCELO LOZADA Y CASSOU Olivares W. Sulbarán B.	JOURNAL OF CHEMICAL PHYSICS	1995
80	Effect of the ionic charge on the transport properties of electrolytes through narrow pores	MARCELO LOZADA Y CASSOU Olivares-Rivas W. Sulbarán-Maldonado B.	JOURNAL OF MOLECULAR STRUCTURE-THE OCHEM	1994
81	Monte Carlo simulation for a symmetrical electrolyte next to a charged spherical colloid particle	MARCELO LOZADA Y CASSOU Degrève L. Sánchez E. et al.	JOURNAL OF CHEMICAL PHYSICS	1993
82	The structure of electrolytes in cylindrical pores	MARCELO LOZADA Y CASSOU Yeomans L. Feller S.E. et al.	JOURNAL OF CHEMICAL PHYSICS	1993
83	Electrokinetic transport coefficients for confined electrolytes: Ionic concentration effect	MARCELO LOZADA Y CASSOU Olivares W. Sulbarán B.	J PHYS CHEM-US	1993

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84	Exact numerical solution to the integral equation version of the Poisson-Boltzmann equation, for two interacting spherical colloidal particles	MARCELO LOZADA Y CASSOU Sánchez-Sánchez J.E.	CHEMICAL PHYSICS LETTERS	1992
85	Electrokinetic flow in ultrafine slits: Ionic size effects	MARCELO LOZADA Y CASSOU González-Tovar E. Olivares W.	JOURNAL OF CHEMICAL PHYSICS	1991
86	Thermodynamics and structure of the primitive model near its gas-liquid transition	MARCELO LOZADA Y CASSOU González-Tovar E. Mier-y-Terán L. et al.	JOURNAL OF CHEMICAL PHYSICS	1991
87	Three-point extension hypernetted chain, conventional hypernetted chain, and superposition approximations: Numerical results for the force between two plates	MARCELO LOZADA Y CASSOU Díaz-Herrera E.	JOURNAL OF CHEMICAL PHYSICS	1990
88	Three point extension for hypernetted chain and other integral equation theories: Numerical results	MARCELO LOZADA Y CASSOU Díaz-Herrera E.	JOURNAL OF CHEMICAL PHYSICS	1990
89	The spherical double layer: A hypernetted chain mean spherical approximation calculation for a model spherical colloid particle	MARCELO LOZADA Y CASSOU González-Tovar E.	J PHYS CHEM-US	1989
90	A comparison of numerical methods for solving nonlinear integral equations found in liquid theories	MARCELO LOZADA Y CASSOU Y Teran L.M. Díaz-herrera E. et al.	JOURNAL OF COMPUTATIONA L PHYSICS	1989
91	Temperature dependence of the primitive-model double-layer differential capacitance: A hypernetted chain/mean spherical approximation calculation	MARCELO LOZADA Y CASSOU Mier Y Terán L. Díaz-Herrera E. et al.	J PHYS CHEM-US	1988
92	Erratum: Hypernetted chain approximation for the distribution of ions around a cylindrical electrode. II. Numerical solution for a model cylindrical polyelectrolyte (Journal of Chemical Physics (1985) 83 (361))	MARCELO LOZADA Y CASSOU González-Tovar E. Henderson D.	JOURNAL OF CHEMICAL PHYSICS	1987
93	The force between two planar electrical double layers. Some numerical results	MARCELO LOZADA Y CASSOU Henderson D.	CHEMICAL PHYSICS LETTERS	1986
94	A simple theory for the force between spheres immersed in a fluid	MARCELO LOZADA Y CASSOU Henderson D.	JOURNAL OF COLLOID AND INTERFACE SCIENCE	1986

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95	Comparison of the non-linear Poisson-Boltzmann approximation with Monte Carlo results for the primitive model of an electrolyte	MARCELO LOZADA Y CASSOU Henderson D. Barker J.A.	Journal Of The Chemical Society, Faraday Transactions 2: Molecular And Chemical Physics	1985
96	Hypernetted chain approximation for the distribution of ions around a cylindrical electrode. II. Numerical solution for a model cylindrical polyelectrolyte	MARCELO LOZADA Y CASSOU Gonzales-Tovar E. Henderson D.	JOURNAL OF CHEMICAL PHYSICS	1985
97	The force between two planar electrical double layers	MARCELO LOZADA Y CASSOU	JOURNAL OF CHEMICAL PHYSICS	1984
98	Erratum: Comparison of Monte Carlo and HNC/MSA excess charge adsorption isotherms for an electrical double layer containing divalent ions (Journal of Physical Chemistry (1983) 87, (4548))	JORGE RAFAEL BAROJAS WEBER MARCELO LOZADA Y CASSOU Henderson D.	J PHYS CHEM-US	1984
99	Comparison of Monte Carlo and HNC/MSA excess charge adsorption isotherms for an electrical double layer containing divalent ions	JORGE RAFAEL BAROJAS WEBER MARCELO LOZADA Y CASSOU Henderson D.	J PHYS CHEM-US	1983
100	The statistical mechanics of the electric double layer	MARCELO LOZADA Y CASSOU Henderson D. Blum L.	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	1983
101	Hypernetted chain theory for the distribution of ions around a cylindrical electrode	MARCELO LOZADA Y CASSOU	J PHYS CHEM-US	1983
102	Application of the hypernetted chain approximation to the electrical double layer. Comparison with Monte Carlo results for 2:1 and 1:2 salts	MARCELO LOZADA Y CASSOU Henderson D.	J PHYS CHEM-US	1983
103	The application of the HNC/MSA approximation to bulk electrolytes	MARCELO LOZADA Y CASSOU Henderson D. Blum L.	JOURNAL OF CHEMICAL PHYSICS	1983
104	Comments on "A new method of deriving electrical double layer equations from electrolyte theories"	MARCELO LOZADA Y CASSOU	JOURNAL OF CHEMICAL PHYSICS	1982



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105	The application of the hypernetted chain approximation to the electrical double layer: Comparison with Monte Carlo results for symmetric salts	MARCELO LOZADA Y CASSOU Saavedra-Barrera R. Henderson D.	JOURNAL OF CHEMICAL PHYSICS	1982
106	STATISTICAL MECHANICS OF THE ELECTRIC DOUBLE LAYER.	MARCELO LOZADA Y CASSOU Henderson Douglas Blum Lesser	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	1982
107	A new method of deriving electrical double layer equations from electrolyte theories	MARCELO LOZADA Y CASSOU	JOURNAL OF CHEMICAL PHYSICS	1981



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



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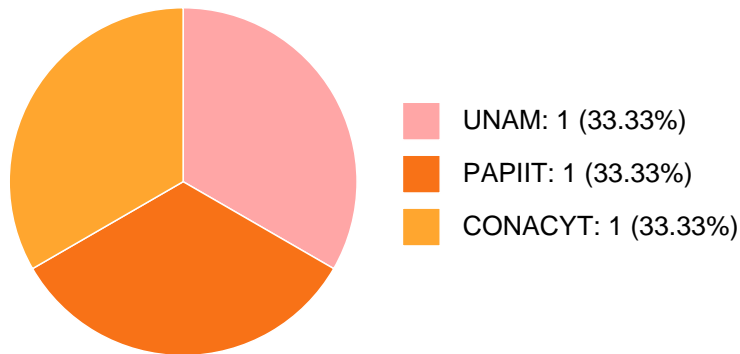
No se encuentran registros en la base de datos de Humanindex asociados a:

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

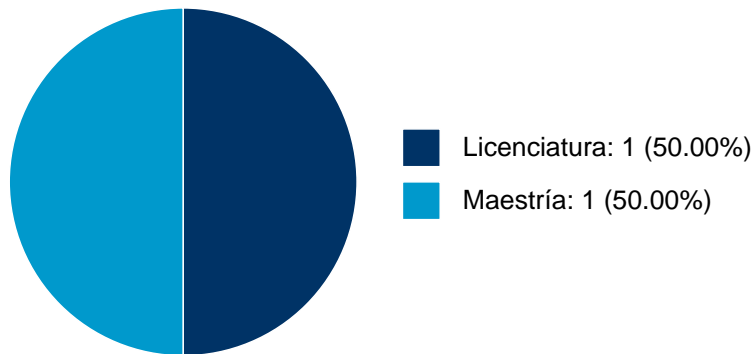


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Estudio mediante teoría de muchos cuerpos de la adsorción / confinamiento de partículas coloidales en superficies de diferentes geometrías.	MARCELO LOZADA Y CASSOU	Recursos CONACYT	25-06-2015	19-03-2020
2	Mecánica estadística de fluidos complejos.	MARCELO LOZADA Y CASSOU	Presupuesto de la UNAM asignado a la Dependencia	01-01-2016	31-12-2021
3	Mecánica estadística de nanoporos inmersos en fluidos cargados	MARCELO LOZADA Y CASSOU	Recursos PAPIIT	01-01-2023	31-12-2025

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis

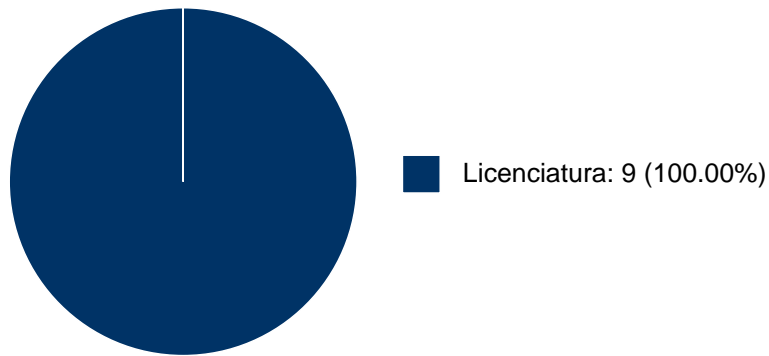


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Teoría y simulación de un fluido Percus-Yevick homogéneo asimétrico de esferas duras	Tesis de Maestría	MARCELO LOZADA Y CASSOU,	Rivera Cerecero, Sócrates Aníbal,	Instituto de Energías Renovables,	2021
2	Topological impact of nano-electrodes on the structure of the electrical double layer and the differential capacitance	Tesis de Licenciatura	MARCELO LOZADA Y CASSOU,	Silva Caballero, Adrián,	Instituto de Energías Renovables,	2020

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	ECUACIONES DIFERENCIALES	Centro de Investigación en Energía	14	2023-1
2	Licenciatura	ECUACIONES DIFERENCIALES	Centro de Investigación en Energía	10	2022-1
3	Licenciatura	ECUACIONES DIFERENCIALES	Centro de Investigación en Energía	28	2021-1
4	Licenciatura	ECUACIONES DIFERENCIALES	Centro de Investigación en Energía	28	2020-1
5	Licenciatura	MECANICA CUANTICA	Facultad de Ciencias	1	2020-1
6	Licenciatura	ECUACIONES DIFERENCIALES	Centro de Investigación en Energía	21	2019-1
7	Licenciatura	ECUACIONES DIFERENCIALES	Centro de Investigación en Energía	28	2018-1
8	Licenciatura	ECUACIONES DIFERENCIALES	Centro de Investigación en Energía	24	2017-1
9	Licenciatura	ECUACIONES DIFERENCIALES-333507	Instituto de Energías Renovables	26	2016-1



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
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	2008-2025
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