JOSE FRANCISCO RECAMIER ANGELINI

Datos Generales

Nombre: JOSE FRANCISCO RECAMIER ANGELINI

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 47 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Ciencias Físicas
Desde 16-07-2010

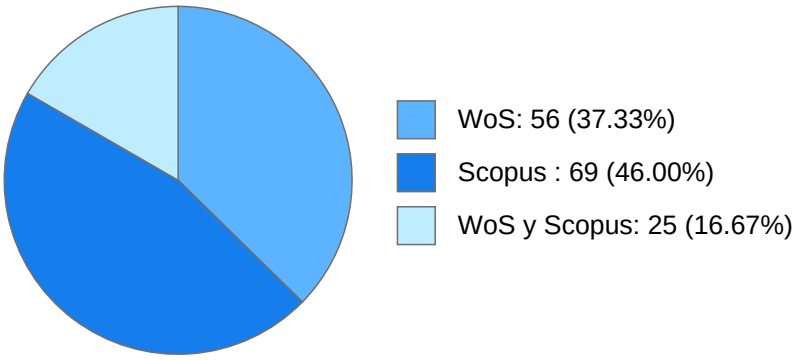
Estímulos, programas, premios y reconocimientos

SNI II - VIGENTE
PRIDE D 2012 - 2024
PRIDE C 2012
PRIDE D 2012
PRIDE C - 2012

JOSE FRANCISCO RECAMIER ANGELINI

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Temporal evolution of a forced optomechanical system with linear and quadratic field-mechanical oscillator couplings	JOSE FRANCISCO RECAMIER ANGELINI L. Medina-Dozal A. R. Urzua	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2025
2	Temporal evolution of a driven optomechanical system in the strong coupling regime	JOSE FRANCISCO RECAMIER ANGELINI RICARDO ROMAN ANCHEYTA Medina-Dozal L. et al.	PHYSICA SCRIPTA	2024
3	Spectral response of a nonlinear Jaynes-Cummings model	JOSE FRANCISCO RECAMIER ANGELINI RICARDO ROMAN ANCHEYTA Medina-Dozal L. et al.	PHYSICAL REVIEW A	2024
4	Temporal factorization of a nonstationary electromagnetic cavity field	RICARDO ROMAN ANCHEYTA JOSE FRANCISCO RECAMIER ANGELINI Ramos-Prieto I. et al.	PHYSICAL REVIEW A	2023
5	Approximate Evolution for a Open Hybrid System: An Optomechanical Jaynes-Cummings Model	LUIS MEDINA TORRES JOSE FRANCISCO RECAMIER ANGELINI	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2022
6	Ion-laser-like interaction in optomechanical systems with Kerr nonlinearities	RICARDO ROMAN ANCHEYTA JOSE FRANCISCO RECAMIER ANGELINI I. Ramos-Prieto et al.	PHYSICS LETTERS A	2021

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7	Exact solution of a non-stationary cavity with one intermode interaction	RICARDO ROMAN ANCHEYTA JOSE FRANCISCO RECAMIER ANGELINI Ramos-Prieto I. et al.	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2021
8	Kapitza-Dirac photonic lattices	ROBERTO KENAN URIOSTEGUI UMAÑA JOSE FRANCISCO RECAMIER ANGELINI I Ramos-Prieto et al.	OPTICS LETTERS	2021
9	Lie algebraic approach to quantum driven optomechanics	ALEJANDRO PAREDES JUAREZ JOSE FRANCISCO RECAMIER ANGELINI I Ramos-Prieto et al.	PHYSICA SCRIPTA	2020
10	Approximate evolution for a system composed by two coupled Jaynes-Cummings Hamiltonians	ALEJANDRO PAREDES JUAREZ JOSE FRANCISCO RECAMIER ANGELINI Ramos-Prieto I. et al.	PHYSICA SCRIPTA	2020
11	Time-dependent coupled harmonic oscillators: Classical and quantum solutions	JOSE FRANCISCO RECAMIER ANGELINI I Ramos-Prieto H. M. Moya-Cessa	INTERNATIONAL JOURNAL OF MODERN PHYSICS E	2020
12	Approximate Evolution for A Hybrid System-An Optomechanical Jaynes-Cummings Model	JOSE FRANCISCO RECAMIER ANGELINI Luis Medina-Dozal Iran Ramos-Prieto	ENTROPY	2020
13	Comment on ``Time-dependent coupled harmonic oscillators''	JOSE FRANCISCO RECAMIER ANGELINI H. M. Moya-Cessa	JOURNAL OF MATHEMATICAL PHYSICS	2020
14	Study of the combined effects of a Kerr nonlinearity and a two-level atom upon a single nonstationary cavity mode	MARCOS ALBERTO PAREDES ZEPEDA JOSE FRANCISCO RECAMIER ANGELINI	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2019
15	Lie algebraic approach to a nonstationary atom-cavity system	RICARDO ROMAN ANCHEYTA JOSE FRANCISCO RECAMIER ANGELINI C. Gonzalez-Gutierrez et al.	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2018
16	Vibrational Quantum Squeezing Induced by Inelastic Collisions	JOSE FRANCISCO RECAMIER ANGELINI Berrondo, M.	Advances in Quantum Chemistry	2017

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17	Non Linear Response of a Harmonic Diatomic Molecule: an Exact Algebraic Approach	JOSE FRANCISCO RECAMIER ANGELINI	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2017
18	Influence of the Kerr nonlinearity in a single nonstationary cavity mode	RICARDO ROMAN ANCHEYTA JOSE FRANCISCO RECAMIER ANGELINI Gonzalez-Gutierrez, C.	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2017
19	Approximate yet Confident Solution for a Parametric Oscillator in a Kerr Medium	RICARDO ROMAN ANCHEYTA JOSE FRANCISCO RECAMIER ANGELINI Berrondo M.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2016
20	Nonlinear Jaynes-Cummings model for two interacting two-level atoms	JOSE FRANCISCO RECAMIER ANGELINI de los Santos-Sanchez, O. Gonzalez-Gutierrez, C.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2016
21	Markovian master equation for nonlinear systems	O. de los SantosSanchez JOSE FRANCISCO RECAMIER ANGELINI ROCIO JAUREGUI RENAUD	PHYSICA SCRIPTA	2015
22	Parametric oscillator in a Kerr medium: Evolution of coherent states	RICARDO ROMAN ANCHEYTA JOSE FRANCISCO RECAMIER ANGELINI Berrondo, M.	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2015
23	Approximate Coherent States for Nonlinear Systems	RICARDO ROMAN ANCHEYTA JOSE FRANCISCO RECAMIER ANGELINI	Advances in Quantum Chemistry	2015
24	Photon-added nonlinear coherent states for a one-mode Field in a kerr medium hoton-added nonlinear coherent states for a one-mode Field in a kerr medium	C. Gonzalez Gutierrez JOSE FRANCISCO RECAMIER ANGELINI RICARDO ROMAN ANCHEYTA	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2014
25	Morse-like squeezed coherent states and some of their properties	O. de los Santos Sanchez JOSE FRANCISCO RECAMIER ANGELINI	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2013

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26	Collinear inelastic collisions of an atom and a diatomic molecule using operator methods	JOSE FRANCISCO RECAMIER ANGELINI Wendler T. Berrondoa M.	REVISTA MEXICANA DE FISICA	2013
27	The f-deformed Jaynes-Cummings model and its nonlinear coherent states	O. de los Santos Sanchez JOSE FRANCISCO RECAMIER ANGELINI	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2012
28	Algebraic treatment of the time-dependent Jaynes-Cummings Hamiltonian including nonlinear terms	SERGIO ARTURO CORDERO REYES JOSE FRANCISCO RECAMIER ANGELINI	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2012
29	Phase space picture of Morse-like coherent states based upon the Wigner function	O. de los Santos Sanchez JOSE FRANCISCO RECAMIER ANGELINI	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2012
30	Dipole induced transitions in an anharmonic oscillator: A dynamical mean field model	JOSE FRANCISCO RECAMIER ANGELINI Berrondo, M.	CHEMICAL PHYSICS LETTERS	2011
31	Nonlinear coherent states for nonlinear systems	O. de los Santos Sanchez JOSE FRANCISCO RECAMIER ANGELINI	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2011
32	Selective transition and complete revivals of a single two-level atom in the Jaynes-Cummings Hamiltonian with an additional Kerr medium	SERGIO ARTURO CORDERO REYES JOSE FRANCISCO RECAMIER ANGELINI	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2011
33	Ladder operators and coherent states for nonlinear potentials	R. Roman Ancheyta O. de los Santos Sanchez JOSE FRANCISCO RECAMIER ANGELINI	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2011
34	Even and odd combinations of nonlinear coherent states	JOSE FRANCISCO RECAMIER ANGELINI De Los Santos-Sánchez O.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2011

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35	Effect of membrane structure on the action of polyenes: I. Nystatin action in cholesterol- and ergosterol-containing membranes	JOSE FRANCISCO RECAMIER ANGELINI JAVIER GONZALEZ DAMIAN IVAN ORTEGA BLAKE et al.	JOURNAL OF MEMBRANE BIOLOGY	2010
36	Algebraic methods applied to the study of energy transfer in anharmonic systems	A. Mendoza Garcia A. Romero Depablos JOSE FRANCISCO RECAMIER ANGELINI et al.	MOLECULAR PHYSICS	2010
37	Energy transfer to an anharmonic diatomic system	JOSE FRANCISCO RECAMIER ANGELINI WOLF LUIS MOCHAN BACKAL	MOLECULAR PHYSICS	2009
38	Nonlinear coherent states and some of their properties	JOSE FRANCISCO RECAMIER ANGELINI M. Gorayeb WOLF LUIS MOCHAN BACKAL et al.	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2008
39	Comparison between the Morse eigenfunctions and deformed oscillator wavefunctions	JOSE FRANCISCO RECAMIER ANGELINI WOLF LUIS MOCHAN BACKAL Gorayeb M. et al.	AIP Conference Proceedings	2008
40	Lie algebraic method applied to a pulsed anharmonic oscillator	JOSE FRANCISCO RECAMIER ANGELINI WOLF LUIS MOCHAN BACKAL Gorayeb M. et al.	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	2006
41	Uncertainty relations for a deformed oscillator	JOSE FRANCISCO RECAMIER ANGELINI WOLF LUIS MOCHAN BACKAL ROCIO JAUREGUI RENAUD et al.	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2006
42	Lie algebraic method applied to a pulsed two-level system	JOSE FRANCISCO RECAMIER ANGELINI	CHEMICAL PHYSICS LETTERS	2005
43	Nonlinear response of a deformed oscillator	JOSE FRANCISCO RECAMIER ANGELINI WOLF LUIS MOCHAN BACKAL Maytorena J.	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	2005
44	Exact non linear response of a harmonic oscillator	JOSE FRANCISCO RECAMIER ANGELINI WOLF LUIS MOCHAN BACKAL Maytorena J.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004
45	Construction of even and odd combinations of Morse-like coherent states	JOSE FRANCISCO RECAMIER ANGELINI ROCIO JAUREGUI RENAUD	J OPT B-QUANTUM S O	2003

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46	On decoherence and nonlinear effects in the generation of quantum states of motion in Paul traps	ROCIO JAUREGUI RENAUD JOSE FRANCISCO RECAMIER ANGELINI PEDRO ANTONIO QUINTO SU	J OPT B-QUANTUM S O	2001
47	Transition probabilities of molecular systems in presence of time dependent electric fields	JOSE FRANCISCO RECAMIER ANGELINI Urdaneta I. Paz J.L.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2001
48	Evolution operator calculation and transition probability study of molecules interacting with an electromagnetic field	JOSE FRANCISCO RECAMIER ANGELINI Paz J.L.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2001
49	Transition probabilities of molecular systems in the presence of time dependent electric fields	JOSE FRANCISCO RECAMIER ANGELINI Mundarain D. Paz J.L. et al.	PHYSICS LETTERS A	2000
50	Generation and evolution of collective atomic states	JOSE FRANCISCO RECAMIER ANGELINI OCTAVIO HECTOR CASTAÑOS GARZA ROCIO JAUREGUI RENAUD et al.	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	2000
51	Entanglement and generation of superpositions of atomic coherent states	JOSE FRANCISCO RECAMIER ANGELINI OCTAVIO HECTOR CASTAÑOS GARZA ROCIO JAUREGUI RENAUD et al.	PHYSICAL REVIEW A	2000
52	A Formalism to Study the Propagation of the Four-Wave Mixing Signal in a Strongly Driven Two-Level System Immersed in a Thermal Reservoir	JOSE FRANCISCO RECAMIER ANGELINI Paz J.L.	JOURNAL OF MOLECULAR SPECTROSCOPY	2000
53	Entanglement and generation of superpositions of atomic coherent states	JOSE FRANCISCO RECAMIER ANGELINI OCTAVIO HECTOR CASTAÑOS GARZA ROCIO JAUREGUI RENAUD et al.	PHYSICAL REVIEW A	2000
54	Entanglement and generation of superpositions of atomic coherent states	JOSE FRANCISCO RECAMIER ANGELINI OCTAVIO HECTOR CASTAÑOS GARZA ROCIO JAUREGUI RENAUD et al.	PHYSICAL REVIEW A	2000

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55	Analysis of the stochastic effects of the solvent and high-pump-power on the nonlinear optical properties in four-wave mixing spectroscopy	JOSE FRANCISCO RECAMIER ANGELINI Paz J.L.	JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM	1999
56	Direct photon-phonon coupling at (001) surfaces of zinc-blende structure crystals	JOSE FRANCISCO RECAMIER ANGELINI WOLF LUIS MOCHAN BACKAL Pérez-Rodríguez F.	SURFACE SCIENCE	1998
57	Rotational predissociation resonances in anharmonic potentials	JOSE FRANCISCO RECAMIER ANGELINI Berrondo M.	REVISTA MEXICANA DE FISICA	1998
58	Schrödinger-cat states in Paul traps	OCTAVIO HECTOR CASTAÑOS GARZA ROCIO JAUREGUI RENAUD RAMON LOPEZ PEÑA et al.	PHYSICAL REVIEW A	1997
59	Resonances and antibound states in a morse potential	JOSE FRANCISCO RECAMIER ANGELINI Berrondo M.	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	1997
60	Resonances and antibound states in a morse potential	JOSE FRANCISCO RECAMIER ANGELINI Berrondo M.	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	1997
61	Infrared anisotropy as a surface probe	WOLF LUIS MOCHAN BACKAL JOSE FRANCISCO RECAMIER ANGELINI	JOURNAL OF PHYSICS-CONDENSED MATTER	1993
62	Iterative Bogoliubov transformations and anharmonic oscillators	JOSE FRANCISCO RECAMIER ANGELINI Juregui R.	PHYSICAL REVIEW A	1992
63	An algebraic approach to the study of three-dimensional atom-diatom collisions	ALEJANDRO FRANK HOEFLICH RENATO LEMUS CASILLAS JOSE FRANCISCO RECAMIER ANGELINI et al.	CHEMICAL PHYSICS LETTERS	1992
64	Transition probabilities in collisions between an atom and an anharmonic oscillator	JOSE FRANCISCO RECAMIER ANGELINI Ortega J.	MOLECULAR PHYSICS	1991
65	Vibration-translation energy transfer in a collision between an atom and a morse oscillator	JOSE FRANCISCO RECAMIER ANGELINI Berrondo M.	MOLECULAR PHYSICS	1991
66	Photon	WOLF LUIS MOCHAN BACKAL JOSE FRANCISCO RECAMIER ANGELINI	PHYSICAL REVIEW LETTERS	1989
67	Anharmonic effects in the matrix elements of an exponential potential	JOSE FRANCISCO RECAMIER ANGELINI Berrondo M.	CHEMICAL PHYSICS LETTERS	1989

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68	Vibrational excitation in collisions between two diatomic molecules using an operator algebra	JOSE FRANCISCO RECAMIER ANGELINI Micha D.A. Gazdy B.	JOURNAL OF CHEMICAL PHYSICS	1986
69	Energy transfer in collisions between two vibrating molecules	JOSE FRANCISCO RECAMIER ANGELINI Micha D.A. Gazdy B.	CHEMICAL PHYSICS LETTERS	1985

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LIBROS Y CAPITULOS CON ISBN

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

JOSE FRANCISCO RECAMIER ANGELINI

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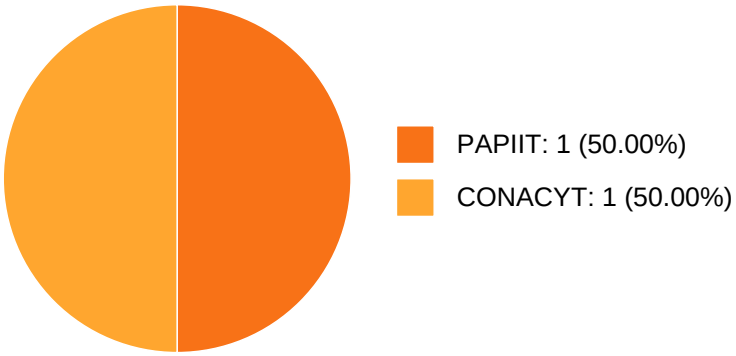
PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	XXVI Escuela de Verano en Física	JOSE FRANCISCO RECAMIER ANGELINI	Recursos CONACYT	03-05-2018	30-11-2018
2	Óptica lineal, no lineal y coherente en sistemas atómicos, moleculares y nanoestructurados	WOLF LUIS MOCHAN BACKAL JOSE FRANCISCO RECAMIER ANGELINI	Recursos PAPIIT	01-01-2022	31-12-2024

JOSE FRANCISCO RECAMIER ANGELINI

PARTICIPACIÓN EN TESIS

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

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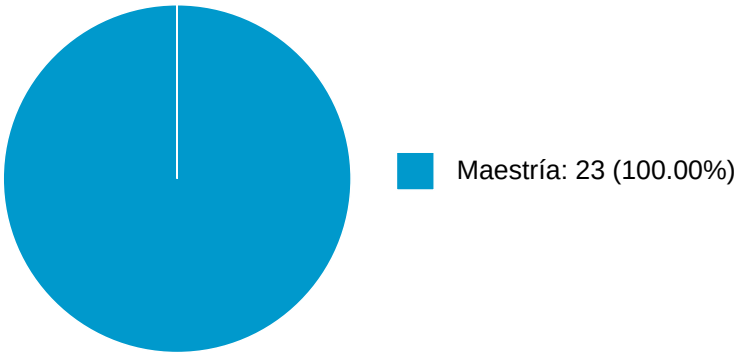
DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TEMAS SELECTOS INTRODUCCIÓN A LOS SISTEMAS CUÁNTICOS ABIERTOS	Instituto de Ciencias Físicas	4	2021-1
2	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Ciencias del Mar y Limnología	1	2020-2
3	Maestría	SEMINARIO DE INVESTIGACIÓN I	Instituto de Ciencias del Mar y Limnología	1	2020-1
4	Maestría	INTRODUCCIÓN A LA OPTICA CUÁNTICA	Instituto de Ciencias Físicas	2	2019-2
5	Maestría	MECÁNICA CUÁNTICA II	Instituto de Ciencias Físicas	2	2019-1
6	Maestría	MECANICA CUANTICA I	Instituto de Ciencias del Mar y Limnología	3	2018-2
7	Maestría	MECANICA CUANTICA II	Instituto de Ciencias Físicas	2	2016-2
8	Maestría	MECANICA CUANTICA I	Instituto de Ciencias Físicas	2	2016-1
9	Maestría	MECANICA CUANTICA II	Instituto de Ciencias Físicas	3	2015-2
10	Maestría	MECANICA CUANTICA II	Instituto de Ciencias Físicas	2	2014-2
11	Maestría	MECANICA CUANTICA I	Instituto de Ciencias Físicas	1	2014-1
12	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Ciencias Físicas	1	2013-2

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13	Maestría	MECANICA CUANTICA II	Instituto de Ciencias Físicas	3	2013-2
14	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Ciencias Físicas	1	2013-1
15	Maestría	MECANICA CUANTICA II	Instituto de Ciencias Físicas	5	2012-2
16	Maestría	MECANICA CUANTICA II	Instituto de Ciencias Físicas	2	2012-1
17	Maestría	MECANICA CUANTICA II	Instituto de Ciencias Físicas	3	2011-2
18	Maestría	MECANICA CUANTICA II	Instituto de Ciencias Físicas	2	2011-1
19	Maestría	TEMAS SELECTOS	Instituto de Ciencias Físicas	1	2010-1
20	Maestría	MECANICA CUANTICA	Instituto de Ciencias Físicas	2	2010-1
21	Maestría	MECANICA CUANTICA I	Instituto de Ciencias Físicas	1	2010-1
22	Maestría	MECANICA CUANTICA	Instituto de Ciencias Físicas	5	2009-2
23	Maestría	MECANICA CUANTICA	Instituto de Ciencias Físicas	3	2009-1

JOSE FRANCISCO RECAMIER ANGELINI

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