



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



BLAS MANUEL RODRIGUEZ LARA

Datos Generales

Nombre: BLAS MANUEL RODRIGUEZ LARA

Máximo nivel de estudios:

Antigüedad académica en la UNAM: años, meses, días

Nombramientos

Último: OTROS POSDOCTOR POSDOCTOR TC No Definitivo

Instituto de Física

Desde 01-09-2007 hasta 31-08-2009

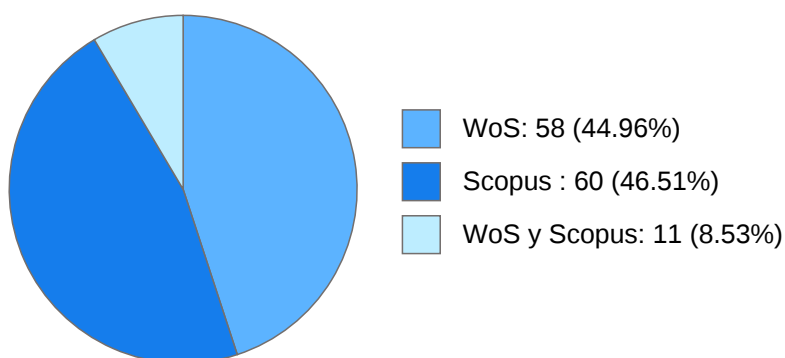
Estímulos, programas, premios y reconocimientos

No cuenta con estímulos, programas, premios y reconocimientos

BLAS MANUEL RODRIGUEZ LARA

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Orbital angular momentum coherent state beams	DILIA AGUIRRE OLIVAS BLAS MANUEL RODRIGUEZ LARA Mellado-Villaseñor G. et al.	OPTICS LETTERS	2025
2	Optical trimer: a theoretical physics approach to waveguide couplers	SANTIAGO FRANCISCO CABALLERO BENITEZ BLAS MANUEL RODRIGUEZ LARA Stoffel A.	JOURNAL OF OPTICS	2024
3	Routes to chaos in a class-B laser coupled to a neutral resonator	BLAS MANUEL RODRIGUEZ LARA Frese L.E.G. Jaramillo-Ávila B.R.	PHYSICAL REVIEW A	2022
4	Non-classical light state transfer in su(2) resonator networks	BLAS MANUEL RODRIGUEZ LARA Espinosa A.F.M. Lee R.-K.	SCIENTIFIC REPORTS	2022
5	Effects of a thermal inversion experiment on stem students learning and application of damped harmonic motion	BLAS MANUEL RODRIGUEZ LARA González-Peña O.I. Morán-Soto G. et al.	SUSTAINABILITY	2021
6	Underlying SUSY in a generalized Jaynes-Cummings model	BLAS MANUEL RODRIGUEZ LARA Maldonado-Villamizar F.H. González-Gutiérrez C.A. et al.	SCIENTIFIC REPORTS	2021
7	Reconfigurable multiport switch in coupled mode devices	BLAS MANUEL RODRIGUEZ LARA Jaramillo-Ávila B.	PHYSICA SCRIPTA	2020
8	Isospectral and square-root Cholesky photonic lattices	BLAS MANUEL RODRIGUEZ LARA Martinez Berumen P.I.	PHYSICAL REVIEW A	2020

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9	Optical simulation of atomic decay enhancement and suppression	BLAS MANUEL RODRIGUEZ LARA Jaramillo-Ávila B. Maldonado-Villamizar F.H.	PHYSICAL REVIEW A	2020
10	Estimating the single-photon projection of low-intensity light sources	BLAS MANUEL RODRIGUEZ LARA Chavez-Mackay J.R. Grünwald P.	PHYSICAL REVIEW A	2020
11	Optical non-Hermitian para-Fermi oscillators	BLAS MANUEL RODRIGUEZ LARA Rodríguez-Walton S. Jaramillo Ávila B.	PHYSICAL REVIEW A	2020
12	PT -symmetry from Lindblad dynamics in a linearized optomechanical system	ROBERTO DE JESUS LEON MONTIEL BLAS MANUEL RODRIGUEZ LARA Jaramillo Ávila B. et al.	SCIENTIFIC REPORTS	2020
13	Lasing in para-Fermi class-B microring resonator arrays	ALEJANDRO PADRON GODINEZ BLAS MANUEL RODRIGUEZ LARA B. Jaramillo-Avila	PHYSICAL REVIEW A	2020
14	Linearized Optomechanics under Time-Dependent Phase Driving	BLAS MANUEL RODRIGUEZ LARA Jaramillo Ávila B. Ventura-Velázquez C.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2020
15	Heat-flow reversal in a trapped-ion simulator	BLAS MANUEL RODRIGUEZ LARA Medina González P.U. Ramos-Prieto I.	PHYSICAL REVIEW A	2020
16	Spectral collapse in the two-photon quantum Rabi model	BLAS MANUEL RODRIGUEZ LARA Rico R.J.A. Maldonado-Villamizar F.H.	PHYSICAL REVIEW A	2020
17	Engineering $SU(1, 1)$? $SU(1, 1)$ vibrational states	BLAS MANUEL RODRIGUEZ LARA Huerta Alderete C. Morales Rodríguez M.P.	SCIENTIFIC REPORTS	2019
18	Robust optomechanical state transfer under composite phase driving	BLAS MANUEL RODRIGUEZ LARA Ventura-Velázquez C. Jaramillo Ávila B. et al.	SCIENTIFIC REPORTS	2019
19	Squeezed displaced entangled states in the quantum Rabi model	BLAS MANUEL RODRIGUEZ LARA Maldonado-Villamizar F.H. Huerta Alderete C.	PHYSICAL REVIEW A	2019
20	Symmetric supermodes in cyclic multicore fibers	BLAS MANUEL RODRIGUEZ LARA Ávila B.J. Hernández J.N. et al.	OPTICS CONTINUUM	2019
21	Radiation pressure in finite Fabry-Pérot cavities	BLAS MANUEL RODRIGUEZ LARA Grünwald P.	OPTICS CONTINUUM	2019
22	Simulating para-Fermi oscillators	BLAS MANUEL RODRIGUEZ LARA Huerta Alderete C.	SCIENTIFIC REPORTS	2018
23	Critical phenomena in an extended Dicke model	BLAS MANUEL RODRIGUEZ LARA Rodríguez J.P.J. Chilingaryan S.A.	PHYSICAL REVIEW A	2018
24	Symmetry in optics and photonics: a group theory approach	BLAS MANUEL RODRIGUEZ LARA El-Ganainy R. Guerrero J.	SCI BULL	2018

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25	Necklaces of PT-symmetric dimers	BLAS MANUEL RODRIGUEZ LARA Stevens D.J.N. Ávila B.J.	PHOTONICS RESEARCH	2018
26	Polarization dynamics in twisted fiber amplifiers: A non-Hermitian nonlinear dimer model	BLAS MANUEL RODRIGUEZ LARA Huerta Morales J.D. Malomed B.A.	OPTICS LETTERS	2017
27	Quantum simulation of driven para-Bose oscillators	BLAS MANUEL RODRIGUEZ LARA Alderete C.H.	PHYSICAL REVIEW A	2017
28	Nonclassical and semiclassical para-Bose states	BLAS MANUEL RODRIGUEZ LARA Huerta Alderete C. Villanueva Vergara L.	PHYSICAL REVIEW A	2017
29	Photon propagation through linearly active dimers	BLAS MANUEL RODRIGUEZ LARA Morales J.D.H.	APPLIED SCIENCES-BASE L	2017
30	Optical Lattice Design Assisted by Non-Hermitian Hamiltonians	BLAS MANUEL RODRIGUEZ LARA	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2016
31	Revisiting the optical PT -symmetric dimer	BLAS MANUEL RODRIGUEZ LARA Morales J.D.H. Guerrero J. et al.	Symmetry-Bas el	2016
32	All-optical PT -symmetric conversion of amplitude (phase) modulation to phase (amplitude) modulation	BLAS MANUEL RODRIGUEZ LARA Gutiérrez O.I.Z. Mendoza L.F.S.	OPTICS EXPRESS	2016
33	Cross-cavity quantum Rabi model	BLAS MANUEL RODRIGUEZ LARA Alderete C.H.	JOURNAL OF PHYSICS A-MATHEMATIC AL AND THEORETICAL	2016
34	Ultracold two-level atom in a quadratic potential	BLAS MANUEL RODRIGUEZ LARA Soto-Eguibar F. Zúñiga-Segundo A. et al.	OPTICS COMMUNICATIO NS	2015
35	Exceptional solutions in two-mode quantum Rabi models	BLAS MANUEL RODRIGUEZ LARA Chilingaryan S.A.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2015
36	Gilmore-Perelomov symmetry based approach to photonic lattices	BLAS MANUEL RODRIGUEZ LARA Vergara L.V.	OPTICS EXPRESS	2015
37	Optical finite representation of the Lorentz group	BLAS MANUEL RODRIGUEZ LARA JONATHAN GUERRERO SANCHEZ	OPTICS LETTERS	2015
38	Ground state in the finite Dicke model for interacting qubits	BLAS MANUEL RODRIGUEZ LARA Robles Robles R.A. Chilingaryan S.A. et al.	PHYSICAL REVIEW A	2015

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39	Operator approach to quantum optomechanics	BLAS MANUEL RODRIGUEZ LARA Ventura-Velázquez C. Moya-Cessa H.M.	PHYSICA SCRIPTA	2015
40	Quantum optics as a tool for photonic lattice design	BLAS MANUEL RODRIGUEZ LARA Soto-Eguibar F. Christodoulides D.N.	PHYSICA SCRIPTA	2015
41	An optical analog of quantum optomechanics	BLAS MANUEL RODRIGUEZ LARA Moya-Cessa H.M.	PHYSICA SCRIPTA	2015
42	Jacobi photonic lattices and their SUSY partners	BLAS MANUEL RODRIGUEZ LARA Zúñiga-Segundo A. Fernández C. D.J. et al.	OPTICS EXPRESS	2014
43	A classical simulation of nonlinear Jaynes-Cummings and Rabi models in photonic lattices: Reply to comment	BLAS MANUEL RODRIGUEZ LARA Soto-Eguibar F. Cardenas A.Z. et al.	OPTICS EXPRESS	2014
44	Optical simulation of majorana physics	BLAS MANUEL RODRIGUEZ LARA Moya-Cessa H.M.	PHYSICAL REVIEW A	2014
45	Searching for structure beyond parity in the two-qubit Dicke model	BLAS MANUEL RODRIGUEZ LARA Chilingaryan S.A. Moya-Cessa H.M.	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2014
46	Engineering nonlinear coherent states as photon-added and photon-subtracted coherent states	BLAS MANUEL RODRIGUEZ LARA Ramos-Prieto I. Moya-Cessa H.M.	INTERNATIONAL JOURNAL OF QUANTUM INFORMATION	2014
47	Propagation of nonclassical states of light through one-dimensional photonic lattices	BLAS MANUEL RODRIGUEZ LARA	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2014
48	Ermakov-Lewis symmetry in photonic lattices	BLAS MANUEL RODRIGUEZ LARA Aleahmad P. Moya-Cessa H.M. et al.	OPTICS LETTERS	2014
49	Phase state and related nonlinear coherent states	BLAS MANUEL RODRIGUEZ LARA Soto-Eguibar F. Moya-Cessa H.M.	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2014

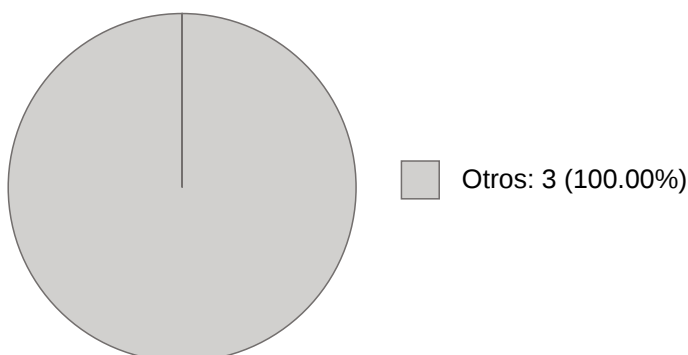
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50	Intensity-dependent quantum Rabi model: Spectrum, supersymmetric partner, and optical simulation	BLAS MANUEL RODRIGUEZ LARA	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2014
51	Propagation and perfect transmission in three-waveguide axially varying couplers	BLAS MANUEL RODRIGUEZ LARA Moya-Cessa H.M. Christodoulides D.N.	PHYSICAL REVIEW A	2014
52	The quantum Rabi model for two qubits	BLAS MANUEL RODRIGUEZ LARA Chilingaryan S.A.	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2013
53	Coherent quantum transport in waveguide lattices	BLAS MANUEL RODRIGUEZ LARA Keil R. Perez-Leija A. et al.	Optics InfoBase Conference Papers	2013
54	Nondiffracting accelerating waves: Weber waves and parabolic momentum	BLAS MANUEL RODRIGUEZ LARA Bandres M.A.	NEW JOURNAL OF PHYSICS	2013
55	Photon transport in binary photonic lattices	BLAS MANUEL RODRIGUEZ LARA Moya-Cessa H.	PHYSICA SCRIPTA	2013
56	The exact solution of generalized Dicke models via Susskind-Glogower operators	BLAS MANUEL RODRIGUEZ LARA Moya-Cessa H.M.	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2013
57	A classical simulation of nonlinear Jaynes-Cummings and Rabi models in photonic lattices	BLAS MANUEL RODRIGUEZ LARA Soto-Eguibar F. Cardenas A.Z. et al.	OPTICS EXPRESS	2013
58	Proposal for realization of the Majorana equation in a tabletop experiment	BLAS MANUEL RODRIGUEZ LARA Noh C. Angelakis D.G.	PHYSICAL REVIEW A	2013
59	Quantum simulation of Cooper pairing with photons	BLAS MANUEL RODRIGUEZ LARA Huo M.-X. Noh C. et al.	PHYSICAL REVIEW A	2012
60	Quantum simulation of neutrino oscillations with trapped ions	BLAS MANUEL RODRIGUEZ LARA Noh C. Angelakis D.G.	NEW JOURNAL OF PHYSICS	2012

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Classical analogues of Gilmore-Perelomov coherent states	BLAS MANUEL RODRIGUEZ LARA Villanueva Vergara L.	Conferenc e Paper	2016	9781510602557
2	Quantum-classical analogies in photonic lattices	BLAS MANUEL RODRIGUEZ LARA Moya-Cessa H.M.	Conferenc e Paper	2014	9781557528254
3	Photonic design assisted by closed form propagators	BLAS MANUEL RODRIGUEZ LARA Soto-Egúibar F.	Conferenc e Paper	2014	9781557528254



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

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DOCENCIA IMPARTIDA

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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