



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



ANTONIO ALFONSO RODRIGUEZ ROSALES

Datos Generales

Nombre: ANTONIO ALFONSO RODRIGUEZ ROSALES

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 16 años

Nombramientos

Último: PROFESOR ASIGNATURA B TP No Definitivo
Facultad de Ciencias
Desde 16-10-2013 hasta 31-01-2016

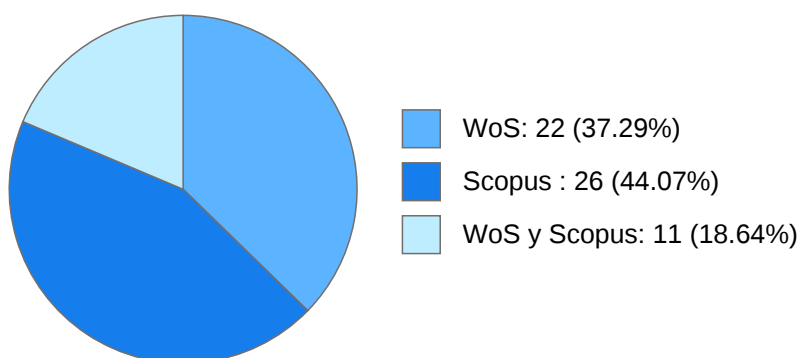
Estímulos, programas, premios y reconocimientos

SNI I 2013 - 2019

ANTONIO ALFONSO RODRIGUEZ ROSALES

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Application of Random Forest in a Predictive Model of PM10 Particles in Mexico City	ANTONIO ALFONSO RODRIGUEZ ROSALES Valencia A.R.Z.	Nature Environment and Pollution Technology	2024
2	Saturable absorption and negative nonlinear refraction index evolution in silver nanoparticles colloids	RICARDO GONZALEZ CAMPUZANO JESUS DELGADO AGUILLON ROBERTO YSACC SATO BERRU et al.	OPTICS AND LASER TECHNOLOGY	2023
3	Sharp luminescent violet- and blue-emitting stable (Eu3+ ? Eu2+: PPA):SiO2 sonogel hybrid glasses: Synthesis, structural and overall photophysical characterizations	OMAR GUILLERMO MORALES SAAVEDRA ELIZABETH CHAVIRA MARTINEZ ANTONIO ALFONSO RODRIGUEZ ROSALES et al.	OPTICAL MATERIALS	2022
4	The air quality perception of residents in the metropolitan zone of acapulco who live around intersections with intense traffic	ANTONIO ALFONSO RODRIGUEZ ROSALES Valencia A.R.Z. Umaña M.R. et al.	ENVIRONMENTS	2020
5	Time of flight dependent linearity in diffuse imaging: How effective is it to evaluate the spatial resolution by measuring the edge response function?	EDUARDO ORTIZ RASCON NEIL CHARLES BRUCE DAVIDSON ANTONIO ALFONSO RODRIGUEZ ROSALES et al.	APPLIED OPTICS	2016

ANTONIO ALFONSO RODRIGUEZ ROSALES

6	Fabrication and photophysical studies of CdTe quantum-dots dispersed in SiO ₂ sonogel optical-glasses	OMAR GUILLERMO MORALES SAAVEDRA ANTONIO ALFONSO RODRIGUEZ ROSALES Gutiérrez-Lazos C.D. et al.	Journal Of Applied Research And Technology	2015
7	Improved spatial resolution in time-resolved transillumination imaging using temporal extrapolation with the cumulant expansion solution to the transport equation	ELENA ORTIZ RASCON NEIL CHARLES BRUCE DAVIDSON ANTONIO ALFONSO RODRIGUEZ ROSALES et al.	REVISTA MEXICANA DE FISICA	2014
8	Spatial resolution in time domain imaging for different phantom widths using the cumulant expansion solution to the transport equation	EDUARDO ORTIZ RASCON ANTONIO ALFONSO RODRIGUEZ ROSALES ROBERTO ORTEGA MARTINEZ et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2013
9	Variation of spatial soliton in liquid crystals due change of polarization of the incident laser beam	ANTONIO ALFONSO RODRIGUEZ ROSALES CARLOS JESUS ROMAN MORENO ROBERTO ORTEGA MARTINEZ	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2013
10	Synthesis and optical characterization of photoactive poly(2-phenoxyethyl acrylate) copolymers containing azobenzene units, prepared by frontal polymerization using novel ionic	JAVIER ILLESCAS PEREZ Yessica S. Ramírez Fuentes ERNESTO RIVERA GARCIA et al.	JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY	2012
11	Synthesis and overall nonlinear optical characterization of poly(hexa-2,4-diynyl-1,6-dioxydibenzoate) containing 2,2'-(4((4-nitrophenyl)ethynyl)phenylazane diyl)diethanol	OMAR GUILLERMO MORALES SAAVEDRA ROBERTO ORTEGA MARTINEZ ANTONIO ALFONSO RODRIGUEZ ROSALES et al.	MATERIALS CHEMISTRY AND PHYSICS	2012
12	Preparation and optical characterization of two photoactive poly(bisphenol a ethoxylate diacrylate) copolymers containing designed amino-nitro-substituted azobenzene units, obta	JAVIER ILLESCAS PEREZ Jesus Ortiz Palacios Jair Esquivel Guzman et al.	JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY	2012

ANTONIO ALFONSO RODRIGUEZ ROSALES

13	Preparation and Z-Scan nonlinear optical characterization of Au/SiO ₂ - and Ag/SiO ₂ -supported nanoparticles dispersed in silica sonogel films	OMAR GUILLERMO MORALES SAAVEDRA RODOLFO ZANELLA SPECIA Viridiana Maturano Rojas et al.	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2012
14	Impact of dyes on the nonlinear optical response of liquid crystals implementing the Z-scan technique	ANTONIO ALFONSO RODRIGUEZ ROSALES ROBERTO ORTEGA MARTINEZ OMAR GUILLERMO MORALES SAAVEDRA	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2011
15	Optical properties of fullerenes confined in ordered alumina nanotube arrays	FERNANDO GUILLERMO ONTIVEROS BARRERA OMAR GUILLERMO MORALES SAAVEDRA MARIA ESTHER MATA ZAMORA et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2011
16	Design and construction of a compact Z-scan portable system	ANTONIO ALFONSO RODRIGUEZ ROSALES ROBERTO ORTEGA MARTINEZ CARLOS JESUS ROMAN MORENO et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2011
17	Observation of the commutation between bright and dark spatial optical solitons	ANTONIO ALFONSO RODRIGUEZ ROSALES ROBERTO ORTEGA MARTINEZ OLEG KOLOKOLTSEV et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2011
18	Synthesis and Characterization of Poly(ethylene glycol) Diacrylate Copolymers Containing Azobenzene Groups Prepared by Frontal Polymerization	JAVIER ILLESCAS PEREZ Yessica S. Ramirez Fuentes ERNESTO RIVERA GARCIA et al.	JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY	2011
19	Spectroscopic and nonlinear photophysical characterization of organic octupolar-compounds supported by anodic-alumina nanotube-arrays	OMAR GUILLERMO MORALES SAAVEDRA FERNANDO GUILLERMO ONTIVEROS BARRERA MARIA ESTHER MATA ZAMORA et al.	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2011

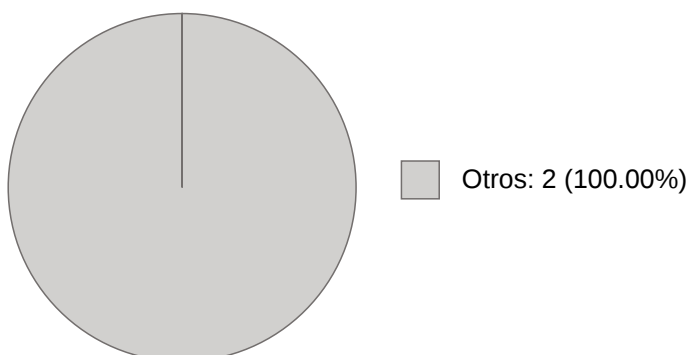
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20	Synthesis and electrical, spectroscopic and nonlinear optical properties of cobalt molecular materials obtained from PcCo(CN)L (L = ethylenediamine, 1,4-diaminebutane, 1,12-diam	OMAR GUILLERMO MORALES SAAVEDRA ANTONIO ALFONSO RODRIGUEZ ROSALES ROBERTO ORTEGA MARTINEZ et al.	MATERIALS CHEMISTRY AND PHYSICS	2010
21	Neither kerr nor thermal nonlinear response of dye doped liquid crystal characterized by the Z-scan technique	ANTONIO ALFONSO RODRIGUEZ ROSALES ROBERTO ORTEGA MARTINEZ Carrasco, M. L. Arroyo et al.	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	2008
22	Variation of nonlinear refractive index in dye-doped liquid crystals by local and nonlocal mechanisms	ANTONIO ALFONSO RODRIGUEZ ROSALES OMAR GUILLERMO MORALES SAAVEDRA CARLOS JESUS ROMAN MORENO et al.	OPTICAL MATERIALS	2008
23	Simultaneous exhibition of positive and negative nonlinear response of dye-doped liquid crystal with polarization dependence of the Z-scan technique	ANTONIO ALFONSO RODRIGUEZ ROSALES ROBERTO ORTEGA MARTINEZ CARLOS JESUS ROMAN MORENO et al.	LEOS Summer Topical Meeting	2008
24	Simultaneous exhibition of positive and negative nonlinear refractive index in dye-doped liquid crystal in a Z-scan experiment	ANTONIO ALFONSO RODRIGUEZ ROSALES Iturbe-Castillo M.D. Ramos-García R.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2006
25	Ultrashort laser pulses characterization by three optical methods: Autocorrelation, optical interference and spectral analysis	CARLOS JESUS ROMAN MORENO ROBERTO ORTEGA MARTINEZ ANTONIO ALFONSO RODRIGUEZ ROSALES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2005
26	Ultrashort laser pulses: A comparison between a mathematical model and experimental data	ROBERTO ORTEGA MARTINEZ CARLOS JESUS ROMAN MORENO ANTONIO ALFONSO RODRIGUEZ ROSALES et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2000

ANTONIO ALFONSO RODRIGUEZ ROSALES

LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Non-linearity in simulations of time resolved imaging using the diffusion approximation solution to the transport equation	EDUARDO ORTIZ RASCON NEIL CHARLES BRUCE DAVIDSON ANTONIO ALFONSO RODRIGUEZ ROSALES et al.	Conferenc e Paper	2015	9781943580033
2	Diffuse light transmission profiles using time resolved imaging	EDUARDO ORTIZ RASCON NEIL CHARLES BRUCE DAVIDSON ANTONIO ALFONSO RODRIGUEZ ROSALES et al.	Conferenc e Paper	2014	9781557528254



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PARTICIPACIÓN EN PROYECTOS

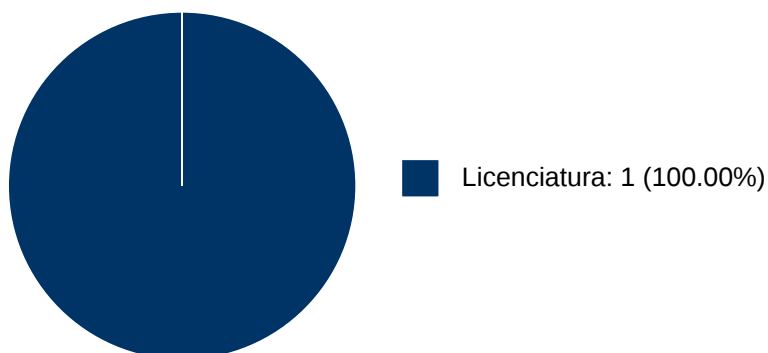
No se encuentran registros en la base de datos de SISEPRO asociados a:

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis

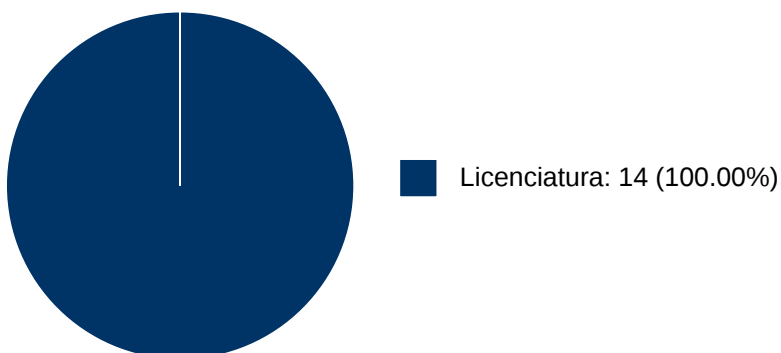


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Generación de solitones ópticos espaciales en cristales líquidos	Tesis de Licenciatura	ANTONIO ALFONSO RODRIGUEZ ROSALES,	Ordoñez Flores, Ezequiel,	Facultad de Ciencias,	2012

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	LABORATORIO DE ELECTROMAGNETISMO	Facultad de Ciencias	17	2016-1
2	Licenciatura	LABORATORIO DE OPTICA	Facultad de Ciencias	13	2015-2
3	Licenciatura	LABORATORIO DE OPTICA	Facultad de Ciencias	23	2015-1
4	Licenciatura	LABORATORIO DE ELECTROMAGNETISMO	Facultad de Ciencias	21	2014-2
5	Licenciatura	LABORATORIO DE OPTICA	Facultad de Ciencias	24	2014-1
6	Licenciatura	LABORATORIO DE ELECTROMAGNETISMO	Facultad de Ciencias	18	2013-2
7	Licenciatura	LABORATORIO DE OPTICA	Facultad de Ciencias	22	2013-1
8	Licenciatura	LABORATORIO DE ELECTROMAGNETISMO	Facultad de Ciencias	21	2012-2
9	Licenciatura	LABORATORIO DE OPTICA	Facultad de Ciencias	18	2012-1
10	Licenciatura	LABORATORIO DE ELECTROMAGNETISMO	Facultad de Ciencias	17	2011-2
11	Licenciatura	LABORATORIO DE OPTICA	Facultad de Ciencias	12	2011-1
12	Licenciatura	LABORATORIO DE ELECTROMAGNETISMO	Facultad de Ciencias	16	2010-2
13	Licenciatura	LABORATORIO DE OPTICA	Facultad de Ciencias	10	2010-1
14	Licenciatura	LABORATORIO DE OPTICA	Facultad de Ciencias	5	2008-2



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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