



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



OVIDIO YORDANIS PEÑA RODRIGUEZ

Datos Generales

Nombre: OVIDIO YORDANIS PEÑA RODRIGUEZ

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: años, meses, días

Nombramientos

Último: OTROS POSDOCTOR POSDOCTOR TC No Definitivo
Instituto de Investigaciones en Materiales
Desde 01-03-2008 hasta 28-02-2009

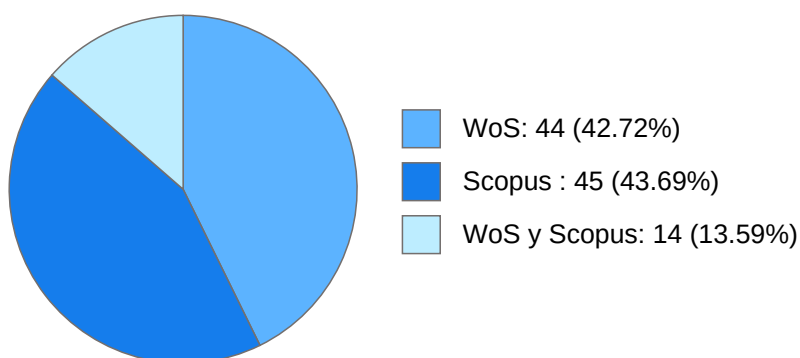
Estímulos, programas, premios y reconocimientos

SNI I 2012 - 2018
SNI C 2010 - 2011
PASPA Estancias Posdoctorales en el extranjero 2009 - 2010

OVIDIO YORDANIS PEÑA RODRIGUEZ

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Erratum to: Tuning the aspect ratio of silver nanospheroids embedded in silica(Optics Letters (2010) 35 (703) DOI: 10.1364/OL.35.000703)	OVIDIO YORDANIS PEÑA RODRIGUEZ LUIS RODRIGUEZ FERNANDEZ JUAN CARLOS CHEANG WONG et al.	OPTICS LETTERS	2023
2	Controlled Alloying of Au@Ag Core?Shell Nanorods Induced by Femtosecond Laser Irradiation	OVIDIO YORDANIS PEÑA RODRIGUEZ González-Rubio G. Díaz-Núñez P. et al.	ADVANCED OPTICAL MATERIALS	2021
3	Rod-sphere cluster irradiation with femtosecond laser pulses: Cut and paste at the nanoscale	OVIDIO YORDANIS PEÑA RODRIGUEZ Díaz-Núñez P. Thomä S.L.J. et al.	NANOPHOTONICS	2021
4	Formation of Hollow Gold Nanocrystals by Nanosecond Laser Irradiation	OVIDIO YORDANIS PEÑA RODRIGUEZ González-Rubio G. Milagres De Oliveira T. et al.	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	2020
5	Au@Ag Core?Shell Nanorods Support Plasmonic Fano Resonances	OVIDIO YORDANIS PEÑA RODRIGUEZ Díaz-Núñez P. González-Rubio G. et al.	SCIENTIFIC REPORTS	2020
6	Disconnecting Symmetry Breaking from Seeded Growth for the Reproducible Synthesis of High Quality Gold Nanorods	OVIDIO YORDANIS PEÑA RODRIGUEZ González-Rubio G. Kumar V. et al.	Acs Nano	2019

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7	On the Large Near-Field Enhancement on Nanocolumnar Gold Substrates	OVIDIO YORDANIS PEÑA RODRIGUEZ Díaz-Núñez P. García-Martín J.M. et al.	SCIENTIFIC REPORTS	2019
8	Femtosecond laser reshaping yields gold nanorods with ultranarrow surface plasmon resonances	OVIDIO YORDANIS PEÑA RODRIGUEZ González-Rubio G. Díaz-Núñez P. et al.	Science	2017
9	Near- and Far-Field Optical Response of Eccentric Nanoshells	OVIDIO YORDANIS PEÑA RODRIGUEZ Díaz-Núñez, P. Rodríguez-Iglesias, V. et al.	NANOSCALE RESEARCH LETTERS	2017
10	Modelling the dielectric function of Au-Ag alloys	OVIDIO YORDANIS PEÑA RODRIGUEZ	JOURNAL OF ALLOYS AND COMPOUNDS	2017
11	Micro and nano-patterning of single-crystal diamond by swift heavy ion irradiation	OVIDIO YORDANIS PEÑA RODRIGUEZ García, G. Preda, I. et al.	DIAMOND AND RELATED MATERIALS	2016
12	Optimizing the electric field around solid and core-shell alloy nanostructures for near-field applications	OVIDIO YORDANIS PEÑA RODRIGUEZ Montaño-Priede, L. Rivera, A. et al.	Nanoscale	2016
13	In situ monitoring the optical properties of dielectric materials during ion irradiation	OVIDIO YORDANIS PEÑA RODRIGUEZ Crespillo, M.L. Díaz-Nuñez, P. et al.	OPTICAL MATERIALS EXPRESS	2016
14	Mechanical response to swift ion irradiation-induced nano-tracks in silica	OVIDIO YORDANIS PEÑA RODRIGUEZ Páramo Á.R. Sordo F. et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2015
15	Structural damage on single-crystal diamond by swift heavy ion irradiation	OVIDIO YORDANIS PEÑA RODRIGUEZ García G. Díaz-Híjar M. et al.	DIAMOND AND RELATED MATERIALS	2015
16	Superabsorption of light by nanoparticles	OVIDIO YORDANIS PEÑA RODRIGUEZ Ladutenko K. Belov P. et al.	Nanoscale	2015
17	Femtosecond Laser-Controlled Tip-to-Tip Assembly and Welding of Gold Nanorods	OVIDIO YORDANIS PEÑA RODRIGUEZ González-Rubio G. González-Izquierdo J. et al.	NANO LETTERS	2015
18	Erratum: Structural damage on single-crystal diamond by swift heavy ion irradiation	OVIDIO YORDANIS PEÑA RODRIGUEZ García G. Díaz-Híjarb M. et al.	DIAMOND AND RELATED MATERIALS	2015

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19	Polyrotaxane-Mediated Self-Assembly of Gold Nanospheres into Fully Reversible Supercrystals	OVIDIO YORDANIS PEÑA RODRIGUEZ Coelho J.P. González-Rubio G. et al.	ANGEWANDTE CHEMIE-INTERN ATIONAL EDITION	2014
20	Optical properties of Au-Ag alloys: An ellipsometric study	OVIDIO YORDANIS PEÑA RODRIGUEZ Caro M. Rivera A. et al.	OPTICAL MATERIALS EXPRESS	2014
21	Embedded silver nanoparticle multilayers fabricated by femtosecond pulsed laser deposition	OVIDIO YORDANIS PEÑA RODRIGUEZ González-Izquierdo J. Rivera A. et al.	OPTICAL MATERIALS EXPRESS	2014
22	Reduction of scattering using thin all-dielectric shells designed by stochastic optimizer	OVIDIO YORDANIS PEÑA RODRIGUEZ Ladutenko K. Melchakova I. et al.	JOURNAL OF APPLIED PHYSICS	2014
23	Effect of structure and interlayer diffusion in organic position sensitive photodetectors based on complementary wedge donor/acceptor layers	OVIDIO YORDANIS PEÑA RODRIGUEZ Cabanillas-Gonzalez J. Schmidt M. et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOL OGY	2013
24	Determination of thermal transition depth profiles in polymer semiconductor films with ellipsometry	OVIDIO YORDANIS PEÑA RODRIGUEZ Müller C. Andersson L.M. et al.	Macromolecule s	2013
25	Ionoluminescence induced by 3 MeV He ⁺ ions on as-grown and pre-damaged BaMgF ₄ crystals	OVIDIO YORDANIS PEÑA RODRIGUEZ Olivares J. Villora E.G. et al.	JOURNAL OF LUMINESCENCE	2013
26	Optical properties of ceria-zirconia epitaxial films grown from chemical solutions	OVIDIO YORDANIS PEÑA RODRIGUEZ Sánchez-Valdés C.F. Garriga M. et al.	MATERIALS CHEMISTRY AND PHYSICS	2013
27	Tunable Fano resonance in symmetric multilayered gold nanoshells	OVIDIO YORDANIS PEÑA RODRIGUEZ Rivera, Antonio Campoy-Quiles, Mariano et al.	Nanoscale	2013
28	Synthesis of nanocrystalline ceria thin films by low-temperature thermal decomposition of Ce-propionate	OVIDIO YORDANIS PEÑA RODRIGUEZ Roura P. Farjas J. et al.	Thin Solid Films	2012
29	Ionoluminescence as sensor of structural disorder in crystalline SiO ₂ : Determination of amorphization threshold by swift heavy ions	OVIDIO YORDANIS PEÑA RODRIGUEZ Jiménez-Rey D. Manzano-Santamaría J. et al.	APPL PHYS EXPRESS	2012

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30	Refractive index changes in amorphous SiO ₂ (silica) by swift ion irradiation	OVIDIO YORDANIS PEÑA RODRIGUEZ Manzano-Santamaría J. Olivares J. et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2012
31	Kinetics of amorphization induced by swift heavy ions in α-quartz	OVIDIO YORDANIS PEÑA RODRIGUEZ Manzano-Santamaría J. Rivera A. et al.	J NUCL MATER	2012
32	Ionoluminescence induced by swift heavy ions in silica and quartz: A comparative analysis	OVIDIO YORDANIS PEÑA RODRIGUEZ Jimenez-Rey D. Manzano-Santamaría J. et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2012
33	Kinetics of color center formation in silica irradiated with swift heavy ions: Thresholding and formation efficiency	OVIDIO YORDANIS PEÑA RODRIGUEZ Manzano-Santamaría J. Olivares J. et al.	APPLIED PHYSICS LETTERS	2012
34	Real-time studies during coating and post-deposition annealing in organic semiconductors	OVIDIO YORDANIS PEÑA RODRIGUEZ Campoy-Quiles M. Schmidt M. et al.	Thin Solid Films	2011
35	Organic position sensitive photodetectors based on lateral donor-acceptor concentration gradients	OVIDIO YORDANIS PEÑA RODRIGUEZ Cabanillas-Gonzalez J. Suarez Lopez I. et al.	APPLIED PHYSICS LETTERS	2011
36	Enhanced plasmonic behavior of bimetallic (Ag-Au) multilayered spheres	OVIDIO YORDANIS PEÑA RODRIGUEZ Pal, Umapada	NANOSCALE RESEARCH LETTERS	2011
37	Au@Ag core-shell nanoparticles: efficient all-plasmonic Fano-resonance generators	OVIDIO YORDANIS PEÑA RODRIGUEZ Pal, Umapada	Nanoscale	2011
38	Enhanced Plasmonic Behavior of Incomplete Nanoshells: Effect of Local Field Irregularities on the Far-Field Optical Response	OVIDIO YORDANIS PEÑA RODRIGUEZ Pal, Umapada	JOURNAL OF PHYSICAL CHEMISTRY C	2011

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39	Effects of surface oxidation on the linear optical properties of Cu nanoparticles	OVIDIO YORDANIS PEÑA RODRIGUEZ Pal, Umapada	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2011
40	Geometrical Tunability of Linear Optical Response of Silica-Gold Double Concentric Nanoshells	OVIDIO YORDANIS PEÑA RODRIGUEZ Pal, Umapada	JOURNAL OF PHYSICAL CHEMISTRY C	2010
41	Hydrogen plasma etching of silicon dioxide in a hollow cathode system	OVIDIO YORDANIS PEÑA RODRIGUEZ STEPHEN MUHL SAUNDERS WILBERT DE JESUS LOPEZ et al.	Thin Solid Films	2010
42	GISAXS size distribution characterization of Cu nanoparticles embedded in silica	OVIDIO YORDANIS PEÑA RODRIGUEZ LUIS RODRIGUEZ FERNANDEZ ALEJANDRO CRESPO SOSA et al.	AIP Conference Proceedings	2009
43	Scattering of electromagnetic radiation by a multilayered sphere	OVIDIO YORDANIS PEÑA RODRIGUEZ Pal, U.	COMPUTER PHYSICS COMMUNICATIONS	2009
44	Metal and metal oxide nanoparticles produced by ion implantation in silica: A microstructural study using HRTEM	OVIDIO YORDANIS PEÑA RODRIGUEZ JUAN CARLOS CHEANG WONG LUIS RODRIGUEZ FERNANDEZ et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2007
45	Characterization of nanocluster formation in Cu-implanted silica: Influence of the annealing atmosphere and the ion fluence	OVIDIO YORDANIS PEÑA RODRIGUEZ LUIS RODRIGUEZ FERNANDEZ JUAN CARLOS CHEANG WONG et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2006



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OVIDIO YORDANIS PEÑA RODRIGUEZ

LIBROS Y CAPITULOS CON ISBN

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

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PARTICIPACIÓN EN PROYECTOS

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

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OVIDIO YORDANIS PEÑA RODRIGUEZ

PARTICIPACIÓN EN TESIS

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

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OVIDIO YORDANIS PEÑA RODRIGUEZ

DOCENCIA IMPARTIDA

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

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OVIDIO YORDANIS PEÑA RODRIGUEZ

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