



"El saber de mis hijos
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UNIVERSIDAD DE SONORA

Coordinación del Posgrado en Nanotecnología
Departamento de Física



Listado de Artículos publicados por alumnos

	Autor	Año de publicación	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del	Lista de autores
	ALDO ZAZUETA RAYNAJUD	2016	Revistas Indizadas	Silicon solar cell efficiency improvement employing the photoluminescent , down-shifting effect of carbon and CdTe quantum dots	Materials for Renewable and Sustainable Energy		X	2	Elias Pelayo Aldo Zazueta Rosendo Lopez Emmanuel Saucedo Ruben Ruelas Arturo Ayon
	EVA DANIELA RUIZ ORTEGA	2016	Revistas Indizadas	Growth kinetics of gold nanorods synthesized by a seed-mediated method under pH acidic conditions.	J. Nanosci. Nanotechnology		X	2	Mario Almada, Eva D. Ruiz, Jaime Ibarra-Hurtado, Natalia Hassan, Marcelo J. Kogan, R. D. Cadena-Nava, Miguel A. Valdés, Josué Juárez
	JESUS ALAN PEREZ AGUIRRE	2016	Revistas Arbitradas	HYSYCVD Synthesis of 1D Nanostructures of TiO2	Journal of Nanoscience and Nanotechnology		X	2	A. L. Leal-Cruz A. Pérez-Aguirre R. Meléndrez-Amavizca A. Vera-Marquina M. Barboza-Flores M. I. Pech-Carull J. Hernandez-Torres J. G. Dominguez-Chavez J. Martínez-Castillo
✓	EVA DANIELA RUIZ ORTEGA	2015	Revistas Indizadas	OLIGOMERS, PROTOFIBRILS AND AMYLOID FIBRILS FROM RECOMBINANT HUMAN LYSOZYME (RHL) FIBRILLATION PROCESS AND CYTOTOXICITY EVALUATION FOR ARPE-19 CELL LINE	Colloids and Surfaces B: Biointerfaces		X	1	Eva D. Ruiz, Mario Almada, María G. Burboa, Pablo Taboada, Víctor Mosquera, Miguel A. Valdez, Josué Juárez.
✓	GEMMA MORENO CORELLA	2015	Revistas Indizadas	Optical and structural properties of rare earths-doped ZnO nanorods synthesized by sonochemical method	Microscopy and Microanalysis		X	3	R. Sanchez-Zeferino, M. E. Alvarez-Ramos, G. Moreno-Corella y E. U. Leon-Salguero
✓	GEMMA MORENO CORELLA	2015	Revistas Indizadas	Study of the phase equilibria in the L-alanine α sodium nitrate system by optical microscopy and X-ray powder	Microscopy and Microanalysis		X	3	Denniz Márquez-Ruiz, Javier Hernández-Paredes, Gemma Moreno-Corella, Hilda E. Esparza-Ponce, Otelia Hernández-Negrete, Mario Enrique Álvarez-



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✓	JULIO CESAR MELENDRES SANCHEZ	2015	Revistas Arbitradas	Synthesis and characterization of magnetite/PLGA/chitosan nanoparticles	Materials Research Express		X	2	Ibarra, J., Melendres, J., Almada, M., Burboa, M. G., Taboada, P., Juárez, J., Valdez, M.A.
✓	PATRICIA MORENO WONG	2015	Revistas Arbitradas	Chemical and structural characterization of Pbs-SiO ₂ Core-shell structures synthesized by ultrasonic wave-assisted chemical bath deposition.	Microscopy & Analysis (Suppl.3)		X	1	P. Moreno-Wong, J. Alvarado-Rivera, Gemma Moreno, M. C. Acosta-Enríquez, S. J. Castillo
✓	GRIGORI CHERNOV CHIRKO	2014	Memorias de congresos	NANOSCALE ENERGY DEPOSITION IN CRITICAL STRUCTURES OF X-RAY IRRADIATED CELL WITH EMBEDDED GOLD NANOPARTICLES	Proceedings Nanostructures Physics and Technology, 22nd International Symposium		X	2	V. Chernov G. Chernov W. F. Melo-Bernal H. M. Garrica-Garza M. Barboza Flores
✓	CARLOS FRANCISCO RUIZ VALDEZ	2013	Memorias de congresos	OPTICAL STIMULATED THERMOLUMINESCENCE IN SILICON RICH OXIDE NANOSTRUCTURED FILMS	SPIE Digital Library		X	5	D. Berman-Mendoza ; M. Aceves-Mijares ; T. Piters ; R. García- Gutiérrez ; C. F. Ruiz- Valdez ; A. Ramos- Carrasco ; L. R. Berriel- Valdos
	FRANCISCO EDUARDO ROJAS GONZALEZ	2013	Memorias de congresos	Reactivity Analysis of the Au _n Ag _m (6 < n + m < 12) Bimetallic Clusters with Selected Proportions	Mater. Res. Soc. Symp. Proc.		X	3	Bertha Molina Jorge R. Soto Francisco E. Rojas Jorge J. Castro
	GLORIA IRMA TAPIA AYALA	2013	Revistas Indizadas	EXTRUDED NIXTAMALIZED CORN FLOUR FOR MAKING TORTILLA: THE EFFECT OF XYLANASE ON THE DEPOLYMERIZATION OF FERULATED ARABINOXYLANS	CyTA - Journal of Food		X	7	Luis Carlos Platt Lucero, Benjamin Ramirez Wong, Elizabeth Carvajal Millan, Patricia Isabel Torres Chávez, Ignacio Morales Rosas, Silvia Lorenia López Mazón & Gloria Irma Tapia Ayala
✓	SERGIO ROGELIO FERRÁ GONZÁLEZ	2013	Memorias de congresos	Optical and electrical characterization of CdS-Glycine thin films with ammonia free buffer grown at different temperatures for solar cells applications	8th Iberoamerican Optics Meeting and 11th Latin American Meeting on Optics, Lasers, and Applications		X	3	D. Berman-Mendoza, D. Quiñones-Urías, S. Ferra-González, A. Vera-Marquina, A. Rojas-Hernández, R. Gómez-Fuentes, A. García-Juárez, A. L. Leal-Cruz, A. Ramos- Carrasco
✓	SERGIO ROGELIO FERRÁ GONZÁLEZ	2013	Revistas Indizadas	OPTICAL AND STRUCTURAL PROPERTIES OF CDS THIN FILMS GROWN BY CHEMICAL BATH DEPOSITION DOPED WITH AG BY ION EXCHANGE	Optik - International Journal for Light and Electron Optics		X	1	Sergio Rogelio Ferrá González, Dairnet Berman Mendoza, Rafael García Gutiérrez, Santos J. Castillo, Rafael Ramírez Bon, Bruce E. Gnade, Manuel A. Quevedo López



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✓	GRIGORI CHERNOV CHIRKO	2012	Revistas Arbitrada s	A NOVEL FITTING METHOD FOR EVALUATING THE THERMAL QUENCHING PARAMETERS OF TL WITH AN APPLICATION TO LUNDOPE CVD DIAMOND. ISSN: 1862-6313	Physica Status Solidi A		X	2	Valery Chernov, Grigory Chernov, Rodrigo Meléndrez, Martín Pedroza-Montero Marcelino Barboza- Flores
✓	GRIGORI CHERNOV CHIRKO	2012	Revistas Arbitrada s	ANALYTICAL APPROXIMATION OF THE NANOSCALE DOSE DISTRIBUTION IN AN IRRADIATED MEDIUM WITH AN EMBEDDED NANOPARTICLE. ISSN: 1742-6588	Journal of Physics: Conference Series		X	2	Valery Chernov, Grigory Chernov, Marcelino Barboza-Flores