

Listado de Artículos publicados por alumnos

#	Autor	Título del artículo	Revista de publicación	Año de publicación
1	ALEJANDRO CASTELLANOS JARAMILLO	Rigid diatomic polar molecules in an external uniform electric field	European Journal of Physics	2021
2	ALVARO FLORES PACHECO	Enhanced Stokes- shift and dispersibility in non-polar PMMA solvent of CdTe quantum dots by silica coating	Chemical Physics	2021
3	ALVARO FLORES PACHECO	Structural and optical modifications of CdS properties in CdS-Au thin films prepared by CBD	Results in Physics	2021
4	ELDA IVETH TORRES FLORES	Silver nanoparticles in natural zeolites incorporated into commercial coating: antibacterial study	Applied Physics A: Materials Science and Processing	2021
5	GERARDO SAAVEDRA RODRIGUEZ	Enhanced Stokes- shift and dispersibility in non-polar PMMA solvent of CdTe quantum dots by silica coating	Chemical Physics	2021
6	GERARDO SAAVEDRA RODRIGUEZ	Zinc sulfide quantum dots coated with PVP: applications on commercial solar cells	Journal of Materials Science: Materials in Electronics	2021
7	HIRAM JESÚS HIGUERA VALENZUELA	Synthesis of silicon quantum dots using chitosan as a novel reductor agent	Revista Mexicana de Física	2021
8	PEDRO AMADO HERNANDEZ ABRIL	Synthesis and Characterization of a Fe3O4@PNIPAM- Chitosan Nanocomposite and Its Potential Application in Vincristine Delivery	Polymers	2021
9	PEDRO AMADO HERNANDEZ ABRIL	Synthesis of silicon quantum dots using chitosan as a novel reductor agent	Revista Mexicana de Fisica	2021
10	RODOLFO RUIZ TORRES	Identification of refractory zirconia from catalytic converters in dust: An emerging pollutant in urban environments	Science of the Total Environment	2021
11	ALEJANDRO CASTELLANOS JARAMILLO	Behavior of an electron in the vicinity of a tridimensional charged polar nanoparticle through a classical and quantum constant of motion	Journal of Nanoparticle Research	2020
12	ALEJANDRO CASTELLANOS JARAMILLO	Response to Amore and Fernandez	Journal of Nanoparticle Research	2020
13	ALVARO FLORES PACHECO	Enhanced photoluminescence effects in nanostructured cubic CdS matrix doped with Cu ²⁺ obtained by chemical Bath deposition	Journal of Materials Research and Technology	2020
14	ALVARO FLORES PACHECO	Cu ²⁺ doped CdS thin films by chemical bath deposition and ion exchange	Journal of Materials Science: Materials in Electronics	2020
15	ERNESTO ABRAHAM SALAZAR VALENZUELA	Recycled Glass and Ce-Doped- Y3Al5O12 Nanoparticles Phosphor-in- Glass for White Light-Emitting Diodes Applications	Physica status solid a: applications and materials science	2020
16	FRANCISCO EDUARDO ROJAS GONZALEZ	A method to decorate the surface of LiNbO3:Eu ³⁺ powders with EuNbO4 nanoparticles	Journal of Alloys and Compounds	2020
17	FRANK ROMO GARCÍA	Efficiency enhancement of silicon solar cells by silicon quantum dots embedded in ZnO films as down-shifting coating	Journal of Materials Science: Materials in Electronics	2020
18	GERARDO SAAVEDRA RODRIGUEZ	Microstructure, properties and thermoluminescence response of sintered synthetic topaz (Al2SiO4F1.44(OH)0.56)/Al2O3 compounds	Materials today communications	2020
19	GERARDO SAAVEDRA RODRIGUEZ	Tunable White- Light Emission of Co ²⁺ and Mn ²⁺ Co-Doped ZnS Nanoparticles by Energy Transfer between Dopant Ions	The Journal of Physical Chemistry C	2020
20	HIRAM JESÚS HIGUERA VALENZUELA	Efficiency enhancement of silicon solar cells by silicon quantum dots embedded in ZnO films as down-shifting coating	Journal of Materials Science: Materials in Electronics	2020
21	JESUS ANTONIO MALDONADO ARRIOLA	Photoluminescent properties of ZnO nanorods films used to detect methanol contamination in tequila	Sensors and Actuators A: Physical	2020
22	JUAN MIGUEL CASTELLANOS JARAMILLO	A finite Hopfield neural network model for the oxygenation of hemoglobin	PHYSICA SCRIPTA	2020

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23	KAROL YESENIA HERNÁNDEZ GIOTTONINI	PLGA nanoparticle preparations by emulsification and nanoprecipitation techniques: effects of formulation parameters	RSC Advances	2020
24	OMAR ISMAEL DÍAZ GRIJALVA	Cu-doped CdS thin films by chemical bath deposition and ion exchange	Journal of Materials Science: Materials in Electronics	2020
25	PEDRO AMADO HERNANDEZ ABRIL	Thermo-Magnetic Properties of Fe ₃ O ₄ @Poly(N- Isopropylacrylamide) CoreShell Nanoparticles and Their Cytotoxic Effects on HeLa and MDA-MB-231 Cell Lines	Journal of Nanoscience and Nanotechnology	2020
26	PEDRO AMADO HERNANDEZ ABRIL	Synthesis of Gold Nanorods for Application in Photothermal Therapy	Volume 26 - Supplement S2 - August 2020	2020
27	PEDRO AMADO HERNANDEZ ABRIL	Synthesis of Nanogels of PNIPAM- Chitosan	Volume 26 - Supplement S2 - August 2020	2020
28	PEDRO AMADO HERNANDEZ ABRIL	Systematic Evaluation of the Thermo-Magnetic Properties of Nanoparticles Coated with PNIPAM	Volume 26 - Supplement S2 - August 2020	2020
29	RODOLFO RUIZ TORRES	Effect of thermal treatment on luminescence properties of long persistent CaAl ₂ O ₄ : Eu ²⁺ , Dy ³⁺ synthesized by combustion method	Optical Materials	2020
30	RODOLFO RUIZ TORRES	Effect of thermal treatment on luminescence properties of long persistent CaAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ synthesized by combustion method	Optical Materials	2020
31	ALDO ZAZUETA RAYNAUD	Anomalous Stokes shift of colloidal quantum dots and their influence on solar cell performance	Springer	2019
32	ALEJANDRA JOSSELINE CORDOVA RUBIO	Synthesis of Si and CdTe quantum dots and their combined use as down-shifting photoluminescent centers in Si solar cells	Materials for Renewable and Sustainable Energy	2019
33	ALEJANDRO CASTELLANOS JARAMILLO	Bidimensional bound states for charged polar nanoparticles	Journal of nanoparticle Research	2019
34	ALEJANDRO DAVID SAÑU GINARTE	Electron states and electron Raman scattering in a semiconductor quantum well with step- barriers: electric field effect	Physica B: Condensed Matter	2019
35	ALEJANDRO DAVID SAÑU GINARTE	Theory of electron Raman scattering in a semiconductor core/shell quantum well wire	Physica B: Condensed Matter	2019
36	ALEJANDRO DAVID SAÑU GINARTE	New approach to Obtain the Analytical Expression of the Energy Functional in Free or Confined Atoms	Results in Physics	2019
37	ALVARO FLORES PACHECO	Optimization of ZnO down- shifting photoluminescent quantum dots thin film layers and their influence on single-crystal silicon solar cells	2019 Symposium on Design, Test, Integration and Packaging of MEMS and MOEMS, DTIP 2019	2019
38	ALVARO FLORES PACHECO	Synthesis and Characterization of Silver Selenide Thin Films by Chemical Bath Deposition and Ionic Exchange	Journal of Electronic Materials	2019
39	ALVARO FLORES PACHECO	Evaluation of pH- tuned ZnO down- shifting photoluminescent quantum dots and their influence on single-crystal silicon solar cells	Proc. SPIE 10929, Quantum Dots and Nanostructures: Growth, Characterization, and Modeling XVI, 10929	2019
40	BALTAZAR HIRAM LEAL MARTÍNEZ	siRNA Silencing by Chemically Modified Biopolymeric Nanovectors	ACS OMEGA	2019
41	BALTAZAR HIRAM LEAL MARTÍNEZ	Triggered RNAi Therapy Using Metal Inorganic Nanovectors	MOLECULAR PHARMACEUTICS	2019
42	FRANCISCO FELIX DOMINGUEZ	Seedless synthesis of silver nanoparticles using sunlight and study of the effect of different ratios of precursors	MATERIALS RESEARCH EXPRESS	2019
43	FRANCISCO FELIX DOMINGUEZ	Sunlight-driven phytochemical synthesis of silver nanoparticles using aqueous extract of Albizia lebbek (L) Benth	Materials Research Express	2019
44	FRANK ROMO GARCÍA	Gallium nitride thin films by microwave plasma-assisted ALD	Optical Materials Express	2019

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45	FRANK ROMO GARCÍA	Optoelectronic attenuation behavior of Al ₂ O ₃ /ZnO nanolaminates grown by Atomic Layer Deposition	Thin Solid Films	2019
46	GERARDO SAAVEDRA RODRIGUEZ	Tunable emission and energy transfer in TeO - GeO- ZnO and TeO- GeO - MgCl glasses activated with Eu/Dy for solid state lighting applications	Journal of Luminescence	2019
47	GERARDO SAAVEDRA RODRIGUEZ	Stabilized blue emitting ZnS@SiO	Optical Materials Express	2019
48	HIRAM JESÚS HIGUERA VALENZUELA	Gallium nitride thin films by microwave plasma-assisted ALD	Optical Materials Express	2019
49	HIRAM JESÚS HIGUERA VALENZUELA	DISEÑO Y CONSTRUCCIÓN DE UN SISTEMA DE ELECTRÓLISIS PARA SÍNTESIS DE NANOPÁRTÍCULAS DE PLATA UTILIZANDO INSTRUMENTACIÓN VIRTUAL CON LABVIEW	Pistas Educativas, No. 133	2019
50	HIRAM JESÚS HIGUERA VALENZUELA	Optoelectronic attenuation behavior of Al ₂ O ₃ /ZnO nanolaminates grown by Atomic Layer Deposition	Thin Solid Films	2019
51	JUAN MIGUEL CASTELLANOS JARAMILLO	Two-dimensional photonic crystal simulation synthesized with hot spots in a dielectric	JOURNAL OF MODERN OPTICS	2019
52	KASSIM JOSE MENDOZA PEÑA	Low cost automatic I-V curve generator for solar cells	Physics Education	2019
53	PEDRO AMADO HERNANDEZ ABRIL	Differential response of BEAS-2B and H-441 cells to methylene blue photoactivation	Anticancer Research	2019
54	RODOLFO RUIZ TORRES	Thermoluminescence and infrared stimulated luminescence in long persistent monoclinic SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ and SrAl ₂ O ₄ :Eu ²⁺ , Nd ³⁺ phosphors	Optical Materials	2019
55	ALDO ZAZUETA RAYNAUD	Solar cell efficiency improvement employing down- shifting silicon quantum dots	MICROSYSTEM TECHNOLOGIES- MICRO- AND NANOSYSTEMS- INFORMATION STORAGE AND PROCESSING SYSTEMS	2018
56	ALEJANDRA JOSSELINE CORDOVA RUBIO	Solar cell efficiency improvement by photon absorption enhancement employing rare earth doped films	Journal of Physics: Conference Series	2018
57	ALEJANDRO CASTELLANOS JARAMILLO	Spatial and temporal description of electron diffraction through a double slit at the nanometre scale	European Journal of Physics	2018
58	ALEJANDRO DAVID SAÑU GINARTE	Denoising and Principal Component Analysis of Amplified Raman Spectra from Red Blood Cells with Added Silver Nanoparticles	Journal of Nanomaterials	2018
59	ALEJANDRO DAVID SAÑU GINARTE	Confined beryllium atom electronic structure and physicochemical properties	Journal of Physics Communications	2018
60	ALVARO FLORES PACHECO	Structural Modifications of Nanostructured Cubic CdS Thin- Films due Cu ²⁺ Doping	Microscopy and Microanalysis	2018
61	BALTAZAR HIRAM LEAL MARTÍNEZ	Characterization of the complexation phenomenon and biological activity in vitro of polyplexes based on Tetricon T901 and DNA	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2018
62	CARLOS FRANCISCO RUIZ VALDEZ	Raman and Thermoluminescence Studies of HPHT Synthetic Nanodiamond Powders	Physica status solidi (PSS. A) A, Applications and materials science.	2018
63	CARLOS GUADALUPE PEREZ HERNANDEZ	Structural and Luminescent Properties of Samarium Doped	Microscopy and Microanalysis	2018
64	FRANCISCO FELIX DOMINGUEZ	Synthesis of Silver/SiO ₂ :Eu ³⁺ Nanocomposites Using Sunlight- Produced AgNPs to Enhance its Photoluminescence	Supplement S1 (Proceedings of Microscopy & Microanalysis 2018)	2018
65	FRANK ROMO GARCÍA	Novel two-stage method for the synthesis of silicon quantum dots embedded on ZnO matrix	Materials Letters	2018
66	FRANK ROMO GARCÍA	Modulation of argon pressure as an option to control transmittance and resistivity of ZnO: Al films deposited by DC magnetron sputtering: On the dark yellow films at 10 ⁻⁷ Torr base pressures	Revista Mexicana de Fisica	2018

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67	GRIGORI CHERNOV CHIRKO	Nanoscale dose deposition in cell structures under X-ray irradiation treatment assisted with nanoparticles: An analytical approach to the relative biological effectiveness	Applied Radiation and Isotopes	2018
68	GRIGORI CHERNOV CHIRKO	Improved Method of Study on the Photothermal Effect of Plasmonic Nanoparticles by Dynamic IR Thermography	Plasmonics	2018
69	HIRAM JESÚS HIGUERA VALENZUELA	Novel two-stage method for the synthesis of silicon quantum dots embedded on ZnO matrix	Materials Letters	2018
70	KAROL YESENIA HERNÁNDEZ GIOTTONINI	ENCAPSULACIÓN DE UNO O MÁS FÁRMACOS EN NANOPARTÍCULA S DE PLGA COMO POSIBLE USO EN TRATAMIENTOS DE BRUCELOSIS Y TUBERCULOSIS	Memorias del XXXIX Encuentro Nacional de la AMIDIQ	2018
71	KAROL YESENIA HERNÁNDEZ GIOTTONINI	ESTUDIO DE LOS PARÁMETROS DEL PROCESO DE ELABORACIÓN DE NANOPARTÍCULAS POLIMÉRICAS DE PLGA POR EL MÉTODO DE NANOPRECIPITACIÓN	Memorias del XXXIX Encuentro Nacional de la AMIDIQ	2018
72	KAROL YESENIA HERNÁNDEZ GIOTTONINI	PREPARACIÓN DE NANOPARTÍCULA S DE PLGA CON OXITETRACICLINA PARA SU USO EN PRUEBAS DE INFECCIÓN CELULAR CONTRA BRUCELLA MELITENSIS	Memorias del XXXIX Encuentro Nacional de la AMIDIQ	2018
73	KAROL YESENIA HERNÁNDEZ GIOTTONINI	SINTESIS Y CARACTERIZACION DE NANOPARTICULA S DE ORO FUNCIONALIZADA S CON ACIDO 11-MERCAPTOUNDECANOICO	Memorias del XXXIX Encuentro Nacional de la AMIDIQ	2018
74	KAROL YESENIA HERNÁNDEZ GIOTTONINI	Enhancement of pDNA Uptake and Expression in H441 Cells by Using PLGA Nanocarriers	Microscopy and Microanalysis	2018
75	KAROL YESENIA HERNÁNDEZ GIOTTONINI	PLGA Nanoparticles Loaded with 1,10- epoxyphenol for Potential Applications in Tuberculosis Therapies	Microscopy and Microanalysis	2018
76	KAROL YESENIA HERNÁNDEZ GIOTTONINI	Preparation of PLGA Nanoparticles Loaded with Oxytetracycline Hydrochloride for its Possible Application Against Brucellosis Infection	Microscopy and Microanalysis	2018
77	LISSET FERRER GALINDO	Denoising and Principal Component Analysis of Amplified Raman Spectra from Red Blood Cells with Added Silver Nanoparticles	Journal of Nanomaterials	2018
78	LISSET FERRER GALINDO	Confined beryllium atom electronic structure and physicochemical properties	Journal of Physics Communications	2018
79	LISSET FERRER GALINDO	Electron states and electron Raman scattering in an asymmetrical double quantum well: External electric field	Physica B: Condensed Matter	2018
80	MARISOL GASTELUM CABRERA	Physicochemical properties of novel pectin/Aloe gel membranes	Iranian Polymer Journal	2018
81	PEDRO AMADO HERNANDEZ ABRIL	Fabrication and Morphology Evaluation of Nanoparticles Prepared by Electrodeposition of Poly(vinyl Alcohol)-Chitosan Nanofiber	Proceedings of Microscopy & Microanalysis 2018	2018
82	PEDRO AMADO HERNANDEZ ABRIL	Hollow Gold Nanoshells Encapsulated in PNIPAM Nanoparticles	Proceedings of Microscopy & Microanalysis 2018	2018
83	PEDRO AMADO HERNANDEZ ABRIL	Conductive Polymers	Proceedings of Microscopy & Microanalysis 2018	2018
84	ALDO ZAZUETA RAYNAUD	Utilization of down-shifting photoluminescent ZnO quantum dots on solar cells	MATERIALS RESEARCH EXPRESS	2017
85	ALDO ZAZUETA RAYNAUD	Enhanced conversion efficiency in Si solar cells employing photoluminescent down-shifting CdSe/CdS core/shell quantum dots	SCIENTIFIC REPORTS	2017
86	ALEJANDRO DAVID SAÑU GINARTE	CBA14- Denoising and Principal Component Analysis of Amplified Raman Spectra from Red Blood Cells with added Silver Nanoparticles	CONGRESO INTERNACIONAL DE CIENCIAS DE LA INGENIERÍA Y LA TECNOLOGÍA	2017
87	ALVARO FLORES PACHECO	Stimulation of the photoluminescent properties of CdTe/CdS thin films achieved by structural modifications resulting from Ag ⁺ doping	physica status solidi rapid research letters	2017
88	BALTAZAR HIRAM LEAL MARTÍNEZ	Photothermal conversion efficiency and cytotoxic effect of gold nanorods stabilized with chitosan, alginate and poly(vinyl alcohol)	Materials Science and Engineering C	2017

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89	CARLOS GUADALUPE PEREZ HERNANDEZ	ZnS nanoparticles synthesized through chemical aggregation using polyethyleneimine that works as both a stabilizer and a complexing agent	Chalcogenide Letters	2017
90	FRANCISCO FELIX DOMINGUEZ	Monitoring the degradation of lubricating oil by means of surface plasmon	Supplement S1 (Proceedings of Microscopy & Microanalysis 2017)	2017
91	FRANCISCO FELIX DOMINGUEZ	Photo-Induced Solution Deposition of Silver Nanoparticles on a Tb ³⁺ Doped SiO ₂ -GeO ₂ -Na ₂ O Glass	Supplement S1 (Proceedings of Microscopy & Microanalysis 2017)	2017
92	FRANCISCO FELIX DOMINGUEZ	Photo-mediated Seedless Synthesis of Silver Nanoparticles Using CW-Laser and Sunlight Irradiation	Supplement S1 (Proceedings of Microscopy & Microanalysis 2017)	2017
93	HIRAM JESÚS HIGUERA VALENZUELA	Solar cell efficiency improvement employing down- shifting silicon quantum dots.	Microsystem Technologies	2017
94	IVÁN CANALE SALAZAR	Poly(N- isopropylacrylamide)-coated gold nanorods mediated by thiolated chitosan layer: thermo-pH responsiveness and optical properties	e- Polymers	2017
95	KAROL YESENIA HERNÁNDEZ GIOTTONINI	Methylene Blue Loaded PLGA Nanoparticles: Combined Emulsion, Drug Release Analysis and Photodynamic Activity	Microscopy and Microanalysis	2017
96	LISSET FERRER GALINDO	CBA14- Denoising and Principal Component Analysis of Amplified Raman Spectra from Red Blood Cells with added Silver Nanoparticles	CONGRESO INTERNACIONAL DE CIENCIAS DE LA INGENIERÍA Y LA TECNOLOGÍA	2017
97	PEDRO AMADO HERNANDEZ ABRIL	Systematic Evaluation of pH and Thermoresponsive Poly(n- Isopropylacrylamide-Chitosan-Fluorescein) Microgel	e- Polymers	2017
98	ALDO ZAZUETA RAYNAUD	ZnO photoluminescent quantum dots with down- shifting effect applied in solar cells.	Journal of Physics: Conference Series	2016
99	ALDO ZAZUETA RAYNAUD	Enhancing the power conversion efficiency of solar cells employing down-shifting silicon quantum dots.	Journal of Physics: Conference Series, IOP Science	2016
100	ALDO ZAZUETA RAYNAUD	Red-shift of the photoluminescent emission peaks of CdTe quantum dots due to the synergistic interaction with carbon quantum dot mixtures	Journal of Physics: Conference Series, IOP Science	2016
101	ALDO ZAZUETA RAYNAUD	Silicon solar cell efficiency improvement employing the photoluminescent, down-shifting effects of carbon and CdTe quantum dots	Materials for Renewable and Sustainable Energy	2016
102	ALEJANDRO CASTELLANOS JARAMILLO	DISPERSIÓN DE LUZ POR UNA NANOPARTÍCULA DE PLATA CON FORMA ESFEROIDAL PROLATA	EPISTEMUS	2016
103	CARLOS FRANCISCO RUIZ VALDEZ	Characterization of Off Stoichiometric Silicon Oxide by Thermo, Cathode, and Photo- Luminescence	Athens Journal of Science	2016
104	EVA DANIELA RUIZ ORTEGA	Growth kinetics of gold nanorods synthesized by a seed-mediated method under pH acidic conditions.	J. Nanosci. Nanotechnol.,	2016
105	GRIGORI CHERNOV CHIRKO	Nanoscale dose deposition in cell structures under X-ray irradiation treatment assisted with nanoparticles for a range of elements: An analytical approach to cell survival	Proceedings of XVI International Symposium on Solid State Dosimetry	2016
106	GRIGORI CHERNOV CHIRKO	3D dynamic thermography system for biomedical applications	QIRT Open- Archives	2016
107	GRIGORI CHERNOV CHIRKO	Simplified grading scale for IR breast thermography using as a first- line component of a multi-imaging breast cancer detection strategy	QIRT Open- Archives	2016
108	HIRAM JESÚS HIGUERA VALENZUELA	Enhancing the power conversion efficiency of solar cells employing down-shifting silicon quantum dots.	Journal of Physics	2016
109	ISIDORO LOPEZ MIRANDA	Crecimiento controlado de nanopartículas esféricas monodispersas de SiO ₂	XXI REUNIÓN UNIVERSITARIA DE INVESTIGACIÓN EN MATERIALES	2016
110	JESUS ALAN PEREZ AGUIRRE	HYSYCVD Synthesis of 1D Nanostructures of TiO ₂	Journal of Nanoscience and Nanotechnology	2016

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111	KAROL YESENIA HERNÁNDEZ GIOTTONINI	NANOPARTÍCULAS DE PLGA PARA LA ADMINISTRACIÓN CONTROLADA DE 1,10- EPOXIPARTENÓLIDO	XXXVII Encuentro Nacional de la AMIDIQ NUEVAS TECNOLOGÍAS Y TENDENCIAS EN LA INGENIERÍA QUÍMICA	2016
112	EVA DANIELA RUIZ ORTEGA	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	2015
113	JOSE ANGEL GONZALEZ OLMOS	CBD Synthesis and Characterization of CdSe Nanostructured Thin Films	electrochemical society	2015
114	JULIO CESAR MELENDRES SANCHEZ	Synthesis and characterization of magnetite/PLGA/ chitosan nanoparticles	Materials Research Express	2015
115	KAROL YESENIA HERNÁNDEZ GIOTTONINI	ENCAPSULACIÓN DE 1,10- EPOXIPARTENÓLIDO EN NANOPARTÍCULAS DE PLGA PARA SU USO EN TERAPIAS CONTRA TUBERCULOSIS	XX Reunión Universitaria de Investigación en Materiales	2015
116	PATRICIA MORENO WONG	Chemical and structural characterization of PbS-SiO ₂ bath deposition. Core-shell structures synthesized by ultrasonic wave- assisted chemical	Microscopy & Analysis (Suppl.3)	2015
117	FRANCISCO FELIX DOMINGUEZ	New reddish- orange and greenish-yellow light emitting phosphors: Eu ³⁺ and Tb ³⁺ /Eu ³⁺ in sodium germanate glass	Journal of Luminescence	2014
118	FRANCISCO FELIX DOMINGUEZ	Cold white light generation through the simultaneous emission from Ce ³⁺ and Tb ³⁺ in sodium germanate glass	Optical Materials	2014
119	GRIGORI CHERNOV CHIRKO	Nanoscale energy deposition in critical structures of X-ray irradiated cell with embedded gold nanoparticles	Proceedings of 22nd International Symposium Nanostructures: Physics and Technology	2014
120	JUAN MIGUEL CASTELLANOS JARAMILLO	A SIMPLE MODEL FOR MONITORING ECOLOGICAL PROTECTION: APPLICATIONS TO THE PLANET AND THE MEXICAN CASE	Sustainable Development and Performance Measurement, Proceedings of the International DEA Workshop	2014
121	KAROL YESENIA HERNÁNDEZ GIOTTONINI	Síntesis y caracterización de nanopartículas poliméricas de PLGA para la administración controlada de 1,10- epoxipartenólido	XIX Reunión Universitaria de Investigación en Materiales	2014
122	CARLOS FRANCISCO RUIZ VALDEZ	OPTICAL STIMULATED THERMOLUMINESCENCE IN SILICON RICH OXIDE NANOSTRUCTURED FILMS	SPIE Digital Library	2013
123	FRANCISCO EDUARDO ROJAS GONZALEZ	Reactivity Analysis of the Au _n Ag _m (6 < n + m < 12) Bimetallic Clusters with Selected Proportions	Mater. Res. Soc. Symp. Proc.	2013
124	GLORIA IRMA TAPIA AYALA	EXTRUDED NIXTAMALIZED CORN FLOUR FOR MAKING TORTILLA: THE EFFECT OF XYLANASE ON THE DEPOLYMERIZATION OF FERULATED ARABINOXYLANS	CyTA - Journal of Food	2013
125	ALEJANDRO CASTELLANOS JARAMILLO	Partícula confinada en una cavidad esférica prolata. Algunos efectos de la pérdida de simetría esférica.	Revista mexicana de física E	2012
126	GRIGORI CHERNOV CHIRKO	Analytical approximation of the nanoscale dose distribution in an irradiated medium with an embedded nanoparticle	Journal of Physics: Conference Series	2012
127	GRIGORI CHERNOV CHIRKO	A novel fitting method for evaluating the thermal quenching parameters of TL with an application to undoped CVD diamond	Physica Status Solidi (A) Applications and Materials Science	2012
128	ISIDORO LOPEZ MIRANDA	Generación de luz blanca en vidrios de Na ₂ O- GeO ₂ : Ce ³⁺ Tb ³⁺ Mn ²⁺	XXI REUNIÓN UNIVERSITARIA DE INVESTIGACIÓN EN MATERIALES	2012
129	ZULEMA MOLINA ARENAS	Synthesis and Characterization of Bimetallic Copper-Gold Nanoparticles	Journal of Dispersion Science and Technology	2012
130	ISIDORO LOPEZ MIRANDA	Estudio de las propiedades ópticas y térmicas del diamante HPHT sometido a irradiación B	XXI REUNIÓN UNIVERSITARIA DE INVESTIGACIÓN EN MATERIALES	2011
131	ZULEMA MOLINA ARENAS	SÍNTESIS Y CARACTERIZACIÓN DE NANOMATERIALES DE Au Y DE Cu-Au EN MICROEMULSIONES	Latinoamericanas en las Ciencias Exactas y de la Vida	2008
132	ZULEMA MOLINA ARENAS	Synthesis and characterization of metallic nanoparticles and their incorporation into electroconductive polymer composites	Composites Part A: Applied Science and Manufacturing	2007