



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



PATRICIA QUINTANA OWEN

Datos Generales

Nombre: PATRICIA QUINTANA OWEN

Máximo nivel de estudios:

Antigüedad académica en la UNAM: años, meses, días

Nombramientos

Último:

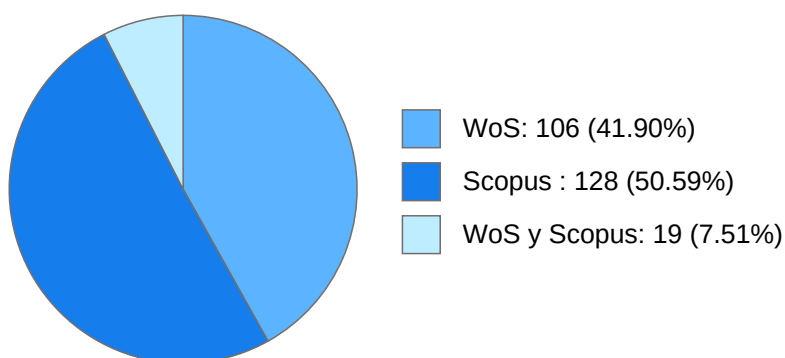
Estímulos, programas, premios y reconocimientos

SNI III 2010 – 2023

PATRICIA QUINTANA OWEN

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Evaluation of pH-sensitive nanocontainers composed of hierarchical ZnO mesoporous structures loaded with the <i>Mimosa tenuiflora</i> extract for applications in a saline solution	PATRICIA QUINTANA OWEN ARACELI ESPINOZA VAZQUEZ RICARDO OROZCO CRUZ et al.	JOURNAL OF SOLID STATE ELECTROCHEMIS TRY	2023
2	Influence of bacterial biopolymers on physical properties of experimental limestone blocks	MARIA LETICIA ARENA ORTIZ JOANNA MARIA ORTIZ ALCANTARA Manuel Jesus Chan Bacab et al.	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOG Y	2022
3	Characteristics of Hydrochars Prepared from Cassava Residues Using Different Aqueous Media	PATRICIA QUINTANA OWEN Mena-Durán C.J. Barbosa R. et al.	WASTE AND BIOMASS VALORIZATION	2020
4	Effect of salinity on zinc toxicity (ZnCl ₂ and ZnO nanomaterials) in the mosquitofish (<i>Gambusia sexradiata</i>)	APOLINAR PEREZ LOPEZ GABRIEL NUÑEZ NOGUEIRA PATRICIA QUINTANA OWEN et al.	ENVIRONMENTA L SCIENCE AND POLLUTION RESEARCH	2020

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5	Interaction of different molecules with the hydrogenation and desulfurization sites of NiMoS supported particles with different morphology	JORGE FERNANDO RAMIREZ SOLIS PERLA YOLANDA CASTILLO VILLALON AIDA GUTIERREZ ALEJANDRE et al.	CATALYSIS TODAY	2020
6	Phase equilibria in the quasi-binary system $Zn_7Sb_2O_{12}/Li_3Zn_3Sb_3O_{12}$ and thermal properties of $Li_3Zn_7-4xSb_2+xO_{12}$ solid solutions	PATRICIA QUINTANA OWEN Tabasco-Novelo C. May-Crespo J.F. et al.	CERAMICS INTERNATIONAL	2019
7	Establishing a Pediatric Population Based Cancer Registry in a Low-Middle Income Country: Challenges and Lessons Learned	PATRICIA QUINTANA OWEN ALEJANDRO MOHAR BETANCOURT GLADIS PATRICIA ARISTIZABAL HOYOS et al.	PEDIATRIC BLOOD & CANCER	2019
8	Photocatalytic performance of nitrogen doped ZnO structures supported on graphene oxide for MB degradation	PATRICIA QUINTANA OWEN Ramos-Corona A. Rangel R. et al.	Chemosphere	2019
9	Antifungal activity of ZnO and MgO nanomaterials and their mixtures against colletotrichum gloeosporioides strains from tropical fruit	PATRICIA QUINTANA OWEN De La Rosa-García S.C. Martínez-Torres P. et al.	JOURNAL OF NANOMATERIAL S	2018
10	Application of multiple proxies in Mexican tropical coasts to prove evidence of tsunami deposits	MARIA TERESA RAMIREZ HERRERA AVTANDIL GOGICHAISHVILI FRANCISCO BAUTISTA ZUÑIGA et al.	GEOFISICA INTERNACIONAL	2018
11	Controlled Phase Changes of Titania Using Nitrogen Plasma	PATRICIA QUINTANA OWEN Trejo-Tzab, R. Caballero-Espada, L. et al.	NANOSCALE RESEARCH LETTERS	2017
12	Tailoring surface and photocatalytic properties of ZnO and nitrogen-doped ZnO nanostructures using microwave-assisted facile hydrothermal synthesis	JUAN JOSE ALVARADO GIL PATRICIA QUINTANA OWEN Rangel, R. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2017
13	Photoacoustic monitoring of water transport process in calcareous stone coated with biopolymers	PATRICIA QUINTANA OWEN May-Crespo, J. Ortega-Morales, B.O. et al.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2016
14	Bioweathering potential of cultivable fungi associated with semi-arid surface microhabitats of mayan buildings	PATRICIA QUINTANA OWEN Ortega-Morales B.O. Narváez-Zapata J. et al.	FRONTIERS IN MICROBIOLOGY	2016
15	Thermal effects on the physical properties of limestones from the Yucatan Peninsula	PATRICIA QUINTANA OWEN González-Gómez W.S. May-Pat A. et al.	INT J ROCK MECH MIN	2015

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16	Thermal analysis and structural characterization of chitinous exoskeleton from two marine invertebrates	PATRICIA QUINTANA OWEN Juárez-De La Rosa B.A. May-Crespo J. et al.	THERMOCHIMICA ACTA	2015
17	Biocomposites based on poly(lactic acid) and seaweed wastes from agar extraction: Evaluation of physicochemical properties	PATRICIA QUINTANA OWEN Madera-Santana T.J. Freile-Pelegri Y. et al.	JOURNAL OF APPLIED POLYMER SCIENCE	2015
18	Correlación entre elementos potencialmente tóxicos y propiedades magnéticas en suelos de la Ciudad de México para la identificación de sitios contaminados: Definición de umbrales magnéticos	FRANCISCO BAUTISTA ZUÑIGA PATRICIA QUINTANA OWEN FREDY RUBEN CEJUDO RUIZ et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2015
19	Chemical Interactions in Reinforced Concrete Exposed at a Tropical Marine Environment	PATRICIA QUINTANA OWEN Mendoza-Rangel J.M. Castro-Borges P. et al.	JOURNAL OF CHEMISTRY	2015
20	Spectrochemical Characterization of Red Pigments Used in Classic Period Maya Funerary Practices	PATRICIA QUINTANA OWEN Tiesler V. Conde M. et al.	Archaeometry	2015
21	Advantages of hydrothermal synthesis to produce tunable TiO_2 nanomicro sized photocatalysts and their effect in lignin degradation	PATRICIA QUINTANA OWEN OSCAR EDEL CONTRERAS LOPEZ Rangel, R. et al.	Nano	2015
22	The color of urban dust as an indicator of contamination by potentially toxic elements: The case of Ensenada, Baja California, Mexico	Jose L. Cortes FRANCISCO BAUTISTA ZUÑIGA PATRICIA QUINTANA OWEN et al.	Revista Chapingo Serie Ciencias Forestales Y Del Ambiente	2015
23	Physicochemical characterization of segmented polyurethanes prepared with glutamine or ascorbic acid as chain extenders and their hydroxyapatite composites	PATRICIA QUINTANA OWEN Cetina-Diaz, S. M. Chan-Chan, L. H. et al.	JOURNAL OF MATERIALS CHEMISTRY B	2014
24	Antifungal activity of $\text{Ca}[\text{Zn}(\text{OH})(3)](2)\text{center dot } 2\text{H}(2)\text{O}$ coatings for the preservation of limestone monuments: An in vitro study	PATRICIA QUINTANA OWEN Gomez-Ortiz, N. M. Gonzalez-Gomez, W. S. et al.	INTERNATIONAL BIODETERIORATION & BIODEGRADATION	2014
25	Evaluation of atmospheric corrosion of two bells from Campeche's cultural heritage	PATRICIA QUINTANA OWEN Mendoza-Cruz L.H. Reyes Trujeque J. et al.	Materials Research Society Symposium Proceedings	2014

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26	Deterioration of pre-hispanic stucco masks from the archaeological Mayan site of Edzná, Campeche, México	JOSE LUIS RUVALCABA SIL PATRICIA QUINTANA OWEN Espinosa-Moralcs Y. et al.	Materials Research Society Symposium Proceedings	2014
27	Thermal effects on the physical properties of limestone from the Yucatan Peninsula	PATRICIA QUINTANA OWEN González-Gómez W.S. May-Crespo J. et al.	Journal of the Society for American Music	2014
28	Thermal effects on the physical properties of limestone from the Yucatán Peninsula	PATRICIA QUINTANA OWEN González-Gómez W.S. May-Crespo J. et al.	Materials Research Society Symposium Proceedings	2014
29	The CdS/CdTe solar cell protected by ITO/Mo bilayer at improved back contact	PATRICIA QUINTANA OWEN Rejon V. Riech I. et al.	2014 IEEE 40th Photovoltaic Specialist Conference, Pvsc 2014	2014
30	Synthesis of mesoporous of NyTi1-xCe xO2-y structures and its visible light induced photocatalytic performance	PATRICIA QUINTANA OWEN Rangel R. García-Espinoza J.D. et al.	Nano	2013
31	Implications of colonizing biofilms and microclimate on west stucco masks at North Acropolis, Tikal, Guatemala	GUSTAVO ALBERTO MONTEJANO ZURITA PATRICIA QUINTANA OWEN Ortega-Morales B.O. et al.	Heritage Science	2013
32	Antifungal Coatings Based on Ca(OH)_2 Mixed with ZnO/TiO_2 Nanomaterials for Protection of Limestone Monuments	PATRICIA QUINTANA OWEN Gomez-Ortiz, Nikte De la Rosa-García, Susana et al.	ACS APPLIED MATERIALS & INTERFACES	2013
33	Effects of thermal treatments on the structure of two black coral species chitinous exoskeleton	PATRICIA QUINTANA OWEN Juarez-de la Rosa, B. A. Ardisson, P. -L. et al.	JOURNAL OF MATERIALS SCIENCE	2012
34	Photothermal Study of the Formation Dynamics of Fumed Silica Thin Films	PATRICIA QUINTANA OWEN Ortiz-Salazar, M. Martinez-Torres, P. et al.	INTERNATIONAL JOURNAL OF THERMOPHYSICS	2012
35	Extreme wave deposits on the Pacific coast of Mexico: Tsunamis or storms? - A multi-proxy approach	MARIA TERESA RAMIREZ HERRERA VLADIMIR KOSTOGLODOV MARIA LUISA MACHAIN CASTILLO et al.	GEOMORPHOLOGY	2012
36	N-doped TiO_2 P25/Cu powder obtained using nitrogen (N_2) gas plasma	PATRICIA QUINTANA OWEN Trejo-Tzab, R. Alvarado-Gil, J. J. et al.	CATALYSIS TODAY	2012

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37	Corrosion in Steel Decks Caused by the Environment and Inadequate Construction	PATRICIA QUINTANA OWEN Castro-Borges, P. Balancan-Zapata, M. et al.	MATERIALS PERFORMANCE	2012
38	Photothermal and Structural Comparative Analysis of Chitinous Exoskeletons of Marine Invertebrates	PATRICIA QUINTANA OWEN Juarez-de la Rosa, B. A. Yanez-Limon, J. M. et al.	INTERNATIONAL JOURNAL OF THERMOPHYSICS	2012
39	Photothermal Radiometry Characterization of Limestone Rocks from the Peninsula of Yucatan	PATRICIA QUINTANA OWEN May-Crespo, J. Martinez-Torres, P. et al.	INTERNATIONAL JOURNAL OF THERMOPHYSICS	2012
40	Characterisation of the rice production waste for the use in pharmaceutical industry	PATRICIA QUINTANA OWEN Ledesma E.F. Acosta C.R. et al.	Journal of Materials and Environmental Science	2012
41	Physical, petrographic, and mineralogical properties of limestone rocks from the Peninsula of Yucatán	PATRICIA QUINTANA OWEN May-Crespo J. Alvarado-Gil J.J. et al.	Materials Research Society Symposium Proceedings	2012
42	Trace element analysis of bone from past populations in the Peninsula of Yucatan	PATRICIA QUINTANA OWEN Chay S. Rodríguez M. et al.	Materials Research Society Symposium Proceedings	2012
43	Diffuse reflectance study of the effects of bleaching agents in damaged dental pieces	PATRICIA QUINTANA OWEN Bante-Guerra J. Trejo-Tzab R. et al.	Progress in Biomedical Optics and Imaging	2011
44	Optical monitoring of bleaching agents effects on human dental remains	PATRICIA QUINTANA OWEN Conde-Contreras M. Alvarado-Gil J.J. et al.	INSTRUM SCI TECHNOL	2011
45	Photocatalytic Activity of Degussa P25 TiO ₂ /Au Obtained Using Argon (Ar) and Nitrogen (N ₂) Plasma	PATRICIA QUINTANA OWEN Trejo-Tzab, R. Alvarado-Gil, J. J.	TOPICS IN CATALYSIS	2011
46	Treatment of Parkinson's disease: nanostructured sol-gel silica-dopamine reservoirs for controlled drug release in the central nervous system	JORGE ANTONIO ASCENCIO GUTIERREZ PATRICIA QUINTANA OWEN Lopez, Tessy et al.	INTERNATIONAL JOURNAL OF NANOMEDICINE	2011

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47	Controlled release of IFC-305 encapsulated in silica nanoparticles for liver cancer synthesized by sol-gel	PATRICIA QUINTANA OWEN VICTORIA EUGENIA CHAGOYA Y HAZAS Albarran, Leon et al.	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2011
48	Influence of the Marine Environment on Reinforced Concrete Degradation Depending on Exposure Conditions	PATRICIA QUINTANA OWEN Sosa, M. Perez-Lopez, T. et al.	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2011
49	Drug-matrix interactions in nanostructured materials containing fluoxetine using sol-gel titanium oxide as a matrix	PATRICIA QUINTANA OWEN Gonzalez, Mayra Rieumont, Jacques et al.	JOURNAL OF MATERIALS RESEARCH	2011
50	Influence of Air Pollution and Humidity on Limestone Materials Degradation in Historical Buildings Located in Cities Under Tropical Coastal Climates	PATRICIA QUINTANA OWEN Corvo, F. Reyes, J. et al.	WATER AIR AND SOIL POLLUTION	2010
51	The Effect of Water on Particle Size, Porosity and the Rate of Drug Release From Implanted Titania Reservoirs	PATRICIA QUINTANA OWEN Lopez, Tessy Ortiz, Emma et al.	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS	2010
52	Degradation studies on segmented polyurethanes prepared with HMDI, PCL and different chain extenders	PATRICIA QUINTANA OWEN Chan-Chan, L. H. Solis-Correa, R. et al.	ACTA BIOMATERIALIA	2010
53	Photothermal Radiometry and Diffuse Reflectance Analysis of Thermally Treated Bones	PATRICIA QUINTANA OWEN Trujillo, S. Martinez-Torres, P. et al.	INTERNATIONAL JOURNAL OF THERMOPHYSICS	2010
54	Diffusion of Methylene Blue in Phantoms of Agar Using a Photoacoustic Technique	PATRICIA QUINTANA OWEN Vilca-Quispe, L. Alvarado-Gil, J. J. et al.	INTERNATIONAL JOURNAL OF THERMOPHYSICS	2010
55	Water Transport Monitoring in Calcium Carbonate Stones by Photoacoustic Spectroscopy	PATRICIA QUINTANA OWEN May-Crespo, J. Martinez-Torres, P. et al.	INTERNATIONAL JOURNAL OF THERMOPHYSICS	2010
56	Raman investigation of nanostructured titania for drug delivery	PATRICIA QUINTANA OWEN Lopez T. Ortiz E. et al.	AIP Conference Proceedings	2010

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57	Photothermal and infrared thermography characterizations of thermaldiffusion in hydroxyapatite materials	PATRICIA QUINTANA OWEN Bante-Guerra J. Conde-Contreras M. et al.	Progress in Biomedical Optics and Imaging	2009
58	Highly Quasi-Monodisperse Ag Nanoparticles on Titania Nanotubes by Impregnative Aqueous Ion Exchange	PATRICIA QUINTANA OWEN Toledo-Antonio, J. A. Cortes-Jacome, M. A. et al.	Langmuir	2009
59	Corrosion characteristics of Al-Si-Mg/SiCp composites with varying Si/Mg molar ratio in neutral chloride solutions	PATRICIA QUINTANA OWEN Escalera-Lozano, R. Pech-Canul, M. A. et al.	MATERIALS AND CORROSION-WE RKSTOFFE UND KORROSION	2009
60	Thermographic analysis of surface damage in teeth	PATRICIA QUINTANA OWEN Conde-Contreras M. Bante-Guerra J. et al.	Progress in Biomedical Optics and Imaging	2008
61	Hexagonal phase of CdS thin films obtained by oscillating chemical bath	PATRICIA QUINTANA OWEN Gutierrez-Lazos, C. D. Rosendo, E. et al.	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2008
62	Spectroscopic, structural and textural properties of CaO and CaO-SiO ₂ materials synthesized by sol-gel with different acid catalysts	PATRICIA QUINTANA OWEN Garcia, J. Lopez, T. et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2008
63	Study of the photoactivation of titania Degussa P25 in ethanol-methanol suspensions using a piezoelectric sensor	PATRICIA QUINTANA OWEN Trejo-Tzab, R. Alvarado-Gil, J. J. et al.	JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL	2008
64	Antibacterial activity of montmorillonites modified with silver	PATRICIA QUINTANA OWEN Magana, S. M. Aguilar, D. H. et al.	JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL	2008
65	Measurement of the Sol-Gel Transition Temperature in Agar	PATRICIA QUINTANA OWEN Medina-Esquivel, R. Freile-Pelegrin, Y. et al.	INTERNATIONAL JOURNAL OF THERMOPHYSICS	2008
66	Thermal Phase Stability and Catalytic Properties of Nanostructured TiO ₂ -MgO Sol-Gel Mixed Oxides	PATRICIA QUINTANA OWEN Lopez, T. Hernandez-Ventura, J. et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2008
67	X-ray study of tin oxide films obtained by reactive DC sputtering from a metallic tin target in pure oxygen plasma	PATRICIA QUINTANA OWEN Martel A. Caballero-Briones F. et al.	SURFACE & COATINGS TECHNOLOGY	2007

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68	Optical study of the photoactivation time of a sol-gel titania suspension in ethanol	PATRICIA QUINTANA OWEN Caamal-Parra A.R. Medina-Esquivel R.A. et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2007
69	Stabilization of dopamine in nanosilica sol-gel matrix to be used as a controlled drug delivery system	PATRICIA QUINTANA OWEN López T. Martínez J.M. et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2007
70	2,4-Dichlorophenoxyacetic acid (2,4-D) photodegradation using an Mn ⁺ /ZrO ₂ photocatalyst: XPS, UV-vis, XRD characterization	PATRICIA QUINTANA OWEN Alvarez M. López T. et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2007
71	The determination of dielectric constants of mixtures used in the treatment of epilepsy and the encapsulation of phenytoin in a titania matrix	PATRICIA QUINTANA OWEN Lopez T. Ascencio J. et al.	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2007
72	Nitrate removal using natural clays modified by acid thermoactivation	PATRICIA QUINTANA OWEN Mena-Duran C.J. Sun Kou M.R. et al.	APPLIED SURFACE SCIENCE	2007
73	A nanostructured titania bioceramic implantable device capable of drug delivery to the temporal lobe of the brain	PATRICIA QUINTANA OWEN López T. Ortiz E. et al.	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2007
74	Photothermal and optical spectroscopy analysis of burned bones	PATRICIA QUINTANA OWEN Bante-Guerra J. Conde M. et al.	Progress in Biomedical Optics and Imaging	2007
75	Optical, thermal, and structural characterization of the sclerotized skeleton of two antipatharian coral species	PATRICIA QUINTANA OWEN Juárez-de la Rosa B.A. Ardisson P.-L. et al.	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2007
76	Characterization of sodium phenytoin co-gelled with titania for a controlled drug-release system	PATRICIA QUINTANA OWEN CARLOS RAUL MAGAÑA ZAVALA López T. et al.	MATERIALS CHARACTERIZATION	2007

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77	Structural and spectroscopic studies of sol-gel silica-dopamine neurological nanoreservoirs	PATRICIA QUINTANA OWEN López T. Esquivel D. et al.	2007 Nsti Nanotechnology y Conference And Trade Show - Nsti Nanotech 2007, Technical Proceedings	2007
78	Degradation of agar films in a humid tropical climate: Thermal, mechanical, morphological and structural changes	PATRICIA QUINTANA OWEN Freile-Pelegón Y. Madera-Santana T. et al.	POLYMER DEGRADATION AND STABILITY	2007
79	Structural, optical and vibrational properties of sol-gel titania valproic acid reservoirs	PATRICIA QUINTANA OWEN Lopez T. Ortiz-Islas E. et al.	OPTICAL MATERIALS	2006
80	Phase evolution of sol-gel CaO-ZrO ₂ using sulfuric acid as hydrolysis catalyst	PATRICIA QUINTANA OWEN García J. Aguilar D.H. et al.	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2006
81	Photoacoustic monitoring of dehydration in sol-gel titania emulsions	PATRICIA QUINTANA OWEN Lopez T. Picquart M. et al.	J PHYS IV	2005
82	Photoacoustic thermal characterization of the dehydration process of Agar-SiO ₂ emulsions	PATRICIA QUINTANA OWEN Lopez T. Picquart M. et al.	J PHYS IV	2005
83	Nitrifying and denitrifying microbiological mud encapsulated by the sol-gel method	PATRICIA QUINTANA OWEN Aguirre G. Arriola G. et al.	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2005
84	Induced effects by DC electrical current cycling on aluminum thin films	PATRICIA QUINTANA OWEN Oliva A.I. Corona J.E. et al.	SURFACE & COATINGS TECHNOLOGY	2005
85	Photothermal characterization of thermally treated shells of Strombus Gigas	PATRICIA QUINTANA OWEN Hernández-Ayala A. Alvarado-Gil J.J. et al.	J PHYS IV	2005
86	ZrO ₂ and Cu/ZrO ₂ sol-gel materials spectroscopic characterization	PATRICIA QUINTANA OWEN López T. Alvarez M. et al.	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2005
87	Mathematical model of the dissolution stage in cooling batch crystallization	PATRICIA QUINTANA OWEN Salcedo L.I. Serna M. et al.	SEPARATION SCIENCE AND TECHNOLOGY	2005
88	Effect of the crystallite size in the structural and textural properties of sulfated and phosphated titania	JUAN MANUEL NAVARRETE TEJERO PATRICIA QUINTANA OWEN Ortiz-Islas E. et al.	APPLIED SURFACE SCIENCE	2005

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89	Analysis of dental materials by photothermal radiometry	PATRICIA QUINTANA OWEN Conde-Contreras M. Tiessler V. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2005
90	Crystallinity effect in the textural properties of titania-TPA catalysts	PATRICIA QUINTANA OWEN Ortiz-Islas E. Lopez T. et al.	APPLIED SURFACE SCIENCE	2005
91	Molybdophosphoric acid in sol-gel titania: Physico-chemical properties	JUAN MANUEL NAVARRETE TEJERO PATRICIA QUINTANA OWEN Ortiz-Islas E. et al.	APPLIED SURFACE SCIENCE	2005
92	Synthesis and characterization of ZrO ₂ -CaSO ₄ materials prepared by the sol-gel method	PATRICIA QUINTANA OWEN Garcia J. Lopez T. et al.	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2004
93	Thermal characterization of agar encapsulated in TiO ₂ sol-gel	PATRICIA QUINTANA OWEN López T. Picquart M. et al.	INTERNATIONAL JOURNAL OF THERMOPHYSICS	2004
94	Thermal characterization during dehydration of nitrifying and denitrifying microbiological mud encapsulated in silica gel	PATRICIA QUINTANA OWEN Aguirre G. Arriola G. et al.	THERMOCHIMICA ACTA	2004
95	Microstructural evolution of copper thin films by applied electrical current flow [Evolución microestructural de capas delgadas de cobre por flujo de corriente eléctrica aplicada]	PATRICIA QUINTANA OWEN Oliva A.I. Alonzo F. et al.	BOLETIN DE LA SOCIEDAD ESPANOLA DE CERAMICA Y VIDRIO	2004
96	Comparison of properties of CdS thin films grown by two techniques	PATRICIA QUINTANA OWEN Oliva A.I. Castro-Rodriguez R. et al.	APPLIED SURFACE SCIENCE	2003
97	Photothermal characterization of materials biomineralized by mollusks (invited)	PATRICIA QUINTANA OWEN Gómez O. Aguilar D.H. et al.	REVIEW OF SCIENTIFIC INSTRUMENTS	2003
98	Alternative batch compositions in the glass-forming region of the Na ₂ O-CaO-SiO ₂ system	PATRICIA QUINTANA OWEN Garza Montoya B. Torres-Martínez L.M. et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2003
99	Photoacoustic determination of the thermal properties of bivalve mollusk shells	PATRICIA QUINTANA OWEN Gómez-Martínez O. Aldana-Aranda D. et al.	MARINE BIOLOGY	2002

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100	Thickness-stress relations in aluminum thin films	PATRICIA QUINTANA OWEN Aguilar M. Oliva A.I.	MATERIALS AND MANUFACTURING PROCESSES	2002
101	Subsolidus phase equilibria in the system CaO-Al ₂ O ₃ -CoO and the crystal structure of novel Ca ₃ CoAl ₄ O ₁₀	PATRICIA QUINTANA OWEN Vazquez B. Torres-Martínez L.M. et al.	JOURNAL OF SOLID STATE CHEMISTRY	2002
102	Texturization analysis by x-ray diffraction of shells of the mussel <i>Ischadium recurvum</i> (Rafinesque, 1820) (Mollusca Bivalvia)	PATRICIA QUINTANA OWEN Gómez-Martínez O. Aguilar D.H. et al.	Materials Research Society Symposium Proceedings	2002
103	Infrared spectroscopy characterization of marine shells	PATRICIA QUINTANA OWEN Gomez-Martínez O. Aguilar D.H. et al.	Materials Research Society Symposium Proceedings	2002
104	Electrochemical, gravimetric and X-ray characterization of low carbon steel corrosion rate and products after atmospheric exposure in the Caribbean area	PATRICIA QUINTANA OWEN Maldonado L. Veleza L. et al.	CORROS REV	2001
105	Formation of the band gap energy on CdS thin films growth by two different techniques	PATRICIA QUINTANA OWEN Oliva A.I. Solís-Canto O. et al.	Thin Solid Films	2001
106	Formation of the band gap of CdS thin films growth by different techniques	PATRICIA QUINTANA OWEN Oliva A.I. Solís-Canto O. et al.	MODERN PHYSICS LETTERS B	2001
107	Corrosion behaviour of chromated Zn and Zn alloy electrodeposits	PATRICIA QUINTANA OWEN Ramanauskas R. Gudaviciute L. et al.	SURFACE & COATINGS TECHNOLOGY	2001
108	A study of the crystallization of ZrO ₂ in the sol-gel system: ZrO ₂ -SiO ₂	PATRICIA QUINTANA OWEN Aguilar D.H. Torres-Gonzalez L.C. et al.	JOURNAL OF SOLID STATE CHEMISTRY	2001
109	Synthesis and characterization of new solid solutions with fluorite- and derivated structure type [Síntesis y caracterización de nuevas soluciones sólidas de fluoruros con estructura tipo fluorita y derivadas]	PATRICIA QUINTANA OWEN Zapata-Galván V. Torres-Martínez L.M.	BOLETIN DE LA SOCIEDAD ESPANOLA DE CERAMICA Y VIDRIO	2001
110	Synthesis of new vanadium cordierite pigment by sol-gel processing	PATRICIA QUINTANA OWEN Estrada C.L. Torres-Gonzalez L.C. et al.	BRIT CERAM T	2000

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111	Preparation and characterization of MgO powders obtained from different magnesium salts and the mineral dolomite	PATRICIA QUINTANA OWEN Alvarado E. Torres-Martínez L.M. et al.	Polyhedron	2000
112	Cobalt oxide films grown by a dipping sol-gel process	PATRICIA QUINTANA OWEN Barrera E. Viveros T. et al.	Thin Solid Films	1999
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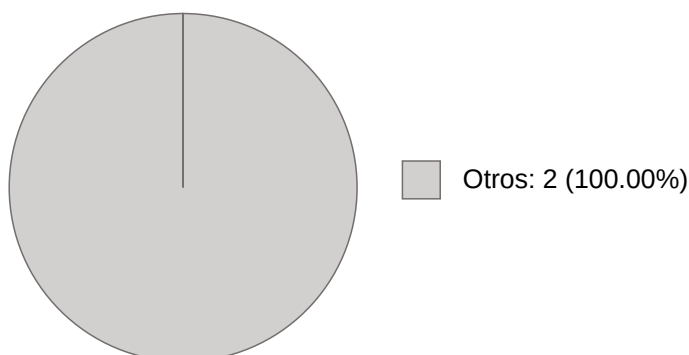
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#	Título	Autores	Alcance	Año	ISBN
1	The Mayan stucco masks from Edzná: Material characterization and analysis of the environmental influence on their deterioration	JOSE LUIS RUVALCABA SIL PATRICIA QUINTANA OWEN Espinosa-Morales Y. et al.	Conferenc e Paper	2014	9781138027442
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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

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9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024