



LUIS MEDINA TORRES

Datos Generales

Nombre: LUIS MEDINA TORRES

Máximo nivel de estudios: DOCTORADO

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Nombramientos

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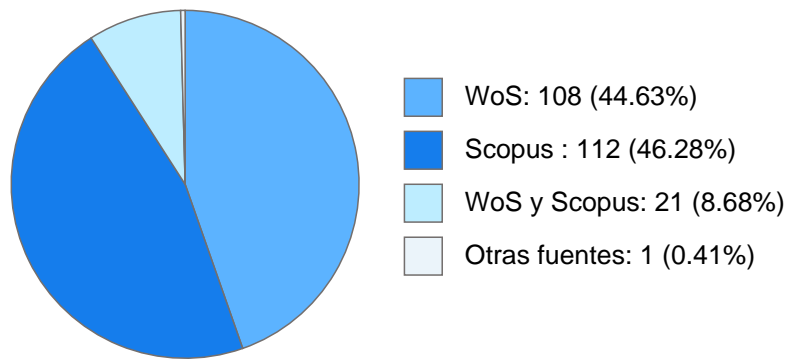
Estímulos, programas, premios y reconocimientos

SNI II 2018 - 2024
SNI I 2009 - 2017
PRIDE D - 2024
PRIDE C 2008

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Microencapsulation of Acidithiobacillus thiooxidans in a biopolymeric matrix of gum arabic and whey protein using complex coacervation and freeze drying	LUIS MEDINA TORRES OCTAVIO MANERO BRITO Cabrales-González A.M. et al.	MINERALS ENGINEERING	2025
2	Study of the impurity dissolution kinetics, rheological characterization, and hydrodynamic aspects during the bioleaching of iron ore pulp in a bioreactor	LUIS ANTONIO RAMIREZ TORRES LUIS MEDINA TORRES OCTAVIO MANERO BRITO et al.	KOREA-AUSTRAL IA RHEOLOGY JOURNAL	2025
3	Acidophilic bacteria for metal extraction: biotechnological characteristics and applications	LUIS MEDINA TORRES A. Lopez-Martinez M. A. Martinez-Prado et al.	BRAZILIAN JOURNAL OF CHEMICAL ENGINEERING	2025
4	Modeling of the Bioleaching of Process Silver Pulp	OCTAVIO MANERO BRITO LUIS MEDINA TORRES Salinas J.I. et al.	CHEMICAL ENGINEERING & TECHNOLOGY	2024
5	Evaluation of functional characteristics of Acidithiobacillus thiooxidans microencapsulated in gum arabic by spray-drying as biotechnological tool in the mining industry	LUIS MEDINA TORRES Pérez-Villagrán K. Martínez-Prado M.A. et al.	ARCHIVES OF MICROBIOLOGY	2024

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6	Rheo-optics of giant micelles: SALS patterns of cetyltrimethylammonium tosylate solutions in presence of sodium bromide	LUIS MEDINA TORRES OCTAVIO MANERO BRITO JOSE ESTEBAN LOPEZ AGUILAR et al.	JOURNAL OF NON-NEWTONIAN FLUID MECHANICS	2024
7	Rheological modeling of the linear viscoelastic behavior of maltenes mixed with styrene-butadiene-styrene (SBS) block copolymer	LUIS MEDINA TORRES Núñez-Ramírez D.M. González Laredo R.F. et al.	POLYMER BULLETIN	2024
8	Chemical, thermal, morphological, and rheological characterization of mucilage from different cactus pears cultivars (<i>Opuntia</i> spp.)	LUIS MEDINA TORRES Morales-Chávez F.M. Aguirre-Mancilla C.L. et al.	Journal of Food Measurement and Characterization	2024
9	Master curves obtained by time-temperature-concentration double superposition of the α -carrageenan gelling biopolymer	LUIS MEDINA TORRES OCTAVIO MANERO BRITO Nuñez-Ramírez D.M. et al.	JOURNAL OF FOOD PROCESS ENGINEERING	2024
10	Formulation of double emulsions of mango seed extract (<i>Mangifera indica</i> L.) 'Ataulfo' incorporated into a mango by-product flour drink: Release kinetics, antioxidant capacity, and inhibition of cyclooxygenases	LUIS MEDINA TORRES Martínez-Olivo A.O. Zamora-Gasga V.M. et al.	Food Hydrocolloids For Health	2023
11	Study of the cholesterol adsorption and characterization of montmorillonite and bentonite clay	PERLA GARCIA GUZMAN LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA et al.	Materials Today Communications	2023
12	Rheology and Hydrodynamics of Iron Ore Mineral Pulps during a Bioleaching Process in a Continuous Stirred-Tank Reactor	LUIS ANTONIO RAMIREZ TORRES LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA et al.	CHEMICAL ENGINEERING & TECHNOLOGY	2023
13	In Vitro Study on the Effect of the Appropriate Encapsulating Agent for the Release of Phenolic Compounds from <i>Hibiscus sabdariffa</i> Linn Extracts	LUIS MEDINA TORRES Migdalia S. Navidad-Murrieta Hector A. Lopez-Munoz et al.	ACS FOOD SCIENCE & TECHNOLOGY	2023
14	Biofunctionalization of natural extracts, trends in biological activity and kinetic release	LUIS MEDINA TORRES CAROLINA ALEJANDRA PEREZ LARIOS Abraham Osiris Martinez-Olivo et al.	ADVANCES IN COLLOID AND INTERFACE SCIENCE	2023
15	In Vitro and Ex Vivo Models for Screening Topical Anti-Inflammatory Drugs	LUIS MEDINA TORRES Juan Luis Perez-Salas Martha Rocío Moreno-Jimenez et al.	Scientia Pharmaceutica	2023

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16	Laponite Composites: In Situ Films Forming as a Possible Healing Agent	LUIS MEDINA TORRES JESUS GRACIA MORA JOSE JUAN ESCOBAR CHAVEZ et al.	Pharmaceutics	2023
17	STUDY OF THE RHEOLOGICAL AND PHYSICO-CHEMICAL PROPERTIES OF FRUCTAN FRACTIONS OF <i>Agave tequilana</i> cv. cenizo	LUIS MEDINA TORRES Aldrete-Herrera P.I. López M.G. et al.	Agrociencia	2023
18	Effect of storage time on the mechanical and microstructural properties of bigels based on xanthan gum and castor oil	LUIS MEDINA TORRES Pérez-Salas J.L. Moreno-Jiménez M.R. et al.	JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY	2023
19	Rheological behavior and modeling of an ultrafiltration process for Aloe vera	LUIS MEDINA TORRES PERLA GARCIA GUZMAN FAUSTO CALDERAS GARCIA et al.	JOURNAL OF FOOD PROCESS ENGINEERING	2023
20	STUDY OF THE RHEOLOGICAL AND PHYSICO-CHEMICAL PROPERTIES OF FRUCTAN FRACTIONS OF <i>Agave tequilana</i> cv. cenizo	LUIS MEDINA TORRES Pamela Isabel Aldrete-Herrera Mercedes Guadalupe Lopez et al.	Agrociencia	2023
21	Phylogenetic analysis of strains isolated from mine tailings and evaluation of their resistance to As and Zn	LUIS MEDINA TORRES E. R. Melendez-Sanchez M. A. Martinez-Prado et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2022
22	Microencapsulation of betanins by spray drying with mixtures of sweet potato starch and maltodextrin as wall materials to prepare natural pigments delivery systems	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA Blanca Edith Esquivel-Gonzalez et al.	JOURNAL OF FOOD PROCESSING AND PRESERVATION	2022
23	Hemorheological and biochemical study in patients with liver cirrhosis	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA LUIS ANTONIO RAMIREZ TORRES et al.	PHYSICS OF FLUIDS	2022
24	Bioleaching of As from mine tailings using an autochthonous <i>Bacillus cereus</i> strain	LUIS MEDINA TORRES A. M. Cabrales-Gonzalez M. A. Martinez-Prado et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2022
25	A Water in Oil Gelled Emulsion as a Topical Release Vehicle for Curcumin	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA MARIA JOSEFA BERNAD BERNAD et al.	Starch-Starke	2022
26	Approximate Evolution for a Open Hybrid System: An Optomechanical Jaynes-Cummings Model	LUIS MEDINA TORRES JOSE FRANCISCO RECAMIER ANGELINI	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	2022

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27	Mechanical properties, dynamic mechanical analysis and molecular cross-linking of GTR/NR re-Vulcanized blends	LUIS MEDINA TORRES R. Zitzumbo S. Alonso et al.	PROGRESS IN RUBBER PLASTICS AND RECYCLING TECHNOLOGY	2022
28	Rheological behavior of blood in Wistar rats with different total cholesterol levels	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA LUIS ANTONIO RAMIREZ TORRES et al.	KOREA-AUSTRALIA RHEOLOGY JOURNAL	2022
29	Boar semen cryopreserved with trehalose-containing liposomes: disaccharide determination and rheological behaviour	OSCAR GUTIERREZ PEREZ MARIA JOSEFA BERNAD BERNAD LUIS MEDINA TORRES et al.	Zygote	2022
30	Spray Drying Conditions of Antioxidant and Anti-inflammatory Polyphenols in Microcapsules of Ultrasound Assisted Extract of Salvilla (Buddleja scordioides Kunth)	LUIS MEDINA TORRES Elizabeth Macias-Cortes Jose Alberto Gallegos-Infante et al.	ACS FOOD SCIENCE & TECHNOLOGY	2022
31	The structure factor in flowing wormlike micellar solutions	LUIS MEDINA TORRES EDTSON EMILIO HERRERA VALENCIA FAUSTO CALDERAS GARCIA et al.	JOURNAL OF NON-NEWTONIAN FLUID MECHANICS	2021
32	Microencapsulation of Acidithiobacillus thiooxidans by spray drying using biopolymers as wall materials: A potential alternative for its application in the mining industry	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA EDTSON EMILIO HERRERA VALENCIA et al.	MINERALS ENGINEERING	2021
33	In vitro synbiotic activity of Lactobacillus plantarum encapsulated with mixtures of Aloe vera mucilage, agave fructans and food additives as wall materials	LUIS MEDINA TORRES I Ceja-Medina M. Gonzalez-Avila et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2021
34	Review: Biotechnological Potential of As- and Zn-Resistant Autochthonous Microorganisms from Mining Process	LUIS MEDINA TORRES E. R. Melendez-Sanchez M. A. Martinez-Prado et al.	WATER AIR AND SOIL POLLUTION	2021
35	Microencapsulation of phenolic compounds: Technologies and novel polymers	LUIS MEDINA TORRES Macías-Cortés E. Gallegos-Infante J.A. et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2020
36	Microencapsulation of Lactobacillus plantarum by spray drying with mixtures of Aloe vera mucilage and agave fructans as wall materials	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA OCTAVIO MANERO BRITO et al.	JOURNAL OF FOOD PROCESS ENGINEERING	2020

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37	Styrene-butadiene branched star-shaped asphalt modifiers: Synthesis and mechanical characterization	LUIS MEDINA TORRES Sergio Alonso-Romero Roberto Zitzumboa et al.	CHEMICAL ENGINEERING COMMUNICATIONS	2020
38	Rheological mucoadhesion and cytotoxicity of montmorillonite clay mineral/hybrid microparticles biocomposite	PERLA GARCIA GUZMAN LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA et al.	APPLIED CLAY SCIENCE	2019
39	New simple analytical method for flow enhancement predictions of pulsatile flow of a structured fluid	EDTSON EMILIO HERRERA VALENCIA LUIS MEDINA TORRES VICENTE JESUS HERNANDEZ ABAD et al.	PHYSICS OF FLUIDS	2019
40	Curcumin encapsulation by spray drying using Aloe vera mucilage as encapsulating agent	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA MARIA JOSEFA BERNAD BERNAD et al.	JOURNAL OF FOOD PROCESS ENGINEERING	2019
41	Rheological behavior of plasma polymerized iodine-doped polypyrrole particles suspended in solutions of bovine serum albumin	LUIS MEDINA TORRES HERMELINDA SALGADO CEBALLOS Fabela-Sánchez O. et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2019
42	Physicochemical composition and apparent degree of polymerization of fructans in five wild agave varieties: Potential industrial use	LUIS MEDINA TORRES Aldrete-Herrera P.I. López M.G. et al.	Foods	2019
43	A rheological study of the bioleaching process of an iron ore for the elimination of gangue minerals	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA OCTAVIO MANERO BRITO et al.	MINERALS ENGINEERING	2019
44	Mucoadhesive effect of Curcuma longa extract and curcumin decreases the ranitidine effect, but not bismuth subsalicylate on ethanol-induced ulcer model	ALEJANDRA ORONA ORTIZ LUIS MEDINA TORRES JOSUE ARTURO VELAZQUEZ MOYADO et al.	SCIENTIFIC REPORTS	2019
45	Mangiferin-loaded polymeric nanoparticles: Optical characterization, effect of antitopoisomerase I, and cytotoxicity	LUIS MEDINA TORRES Razura-Carmona F.F. Pérez-Larios A. et al.	Cancers	2019
46	Microencapsulation of gallic acid by spray drying with aloe vera mucilage (aloe barbadensis miller) as wall material	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA MARIA JOSEFA BERNAD BERNAD et al.	INDUSTRIAL CROPS AND PRODUCTS	2019
47	Rheological effect of the concentration of nanoparticles in cassava starch	LUIS MEDINA TORRES Cesar De Jesus Alarcon-Hernandez Esteban A. Gonzalez-Garcia et al.	Mrs Advances	2019

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48	Effect of the combined treatment of albumin with plasma synthesised pyrrole polymers on motor recovery after traumatic spinal cord injury in rats	LUIS MEDINA TORRES LUIS CAMILO RIOS CASTAÑEDA Fabela-Sánchez O. et al.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE	2018
49	Bioleaching process for silver recovery: Structural and rheological studies	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA OCTAVIO MANERO BRITO et al.	MINERALS ENGINEERING	2018
50	Characterization of hybrid microparticles/Montmorillonite composite with raspberry-like morphology for Atorvastatin controlled release	PERLA GARCIA GUZMAN LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA et al.	COLLOIDS AND SURFACES B-BIOINTERFACES	2018
51	Physicochemical and antimicrobial characterization of beeswax?starch food-grade nanoemulsions incorporating natural antimicrobials	LUIS MEDINA TORRES Teresita Arredondo-Ochoa Blanca E. Garcia-Almendarez et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2017
52	Rheological behaviour of sesame (Sesamum indicum L.) protein dispersions	LUIS MEDINA TORRES Abel Gomez-Arellano Hugo Jimenez-Islas et al.	FOOD AND BIOPRODUCTS PROCESSING	2017
53	Influence of water deficit on the main polysaccharides and the rheological properties of Aloe vera (Aloe barbadensis Miller) mucilage	LUIS MEDINA TORRES Minjares-Fuentes, Rafael Francisco Gonzalez-Laredo, Ruben et al.	INDUSTRIAL CROPS AND PRODUCTS	2017
54	Spray drying egg using either maltodextrin or nopal mucilage as stabilizer agents	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA EDTSON EMILIO HERRERA VALENCIA et al.	JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE	2017
55	Rheology and gel point of the enzymatic hydrolysis of urea in the presence of urease	LUIS MEDINA TORRES MIRIAM ROCIO ESTEVEZ GONZALEZ ANGEL RAMON HERNANDEZ MARTINEZ et al.	KOREA-AUSTRALIA RHEOLOGY JOURNAL	2017
56	On the pulsating flow behavior of a biological fluid: human blood	EDTSON EMILIO HERRERA VALENCIA FAUSTO CALDERAS GARCIA LUIS MEDINA TORRES et al.	RHEOLOGICA ACTA	2017
57	Structure preservation of Aloe vera (barbadensis Miller) mucilage in a spray drying process	LUIS MEDINA TORRES OCTAVIO MANERO BRITO Calderas, F. et al.	LWT-FOOD SCIENCE AND TECHNOLOGY	2016
58	Closetel nano-encapsulated polyvinyl alcohol (PVA) solutions	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA JESUS GRACIA MORA et al.	PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY	2016

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59	Rheology of the ultrasound-induced gelation in poloxamer aqueous solutions	FAUSTO CALDERAS GARCIA LUIS MEDINA TORRES MARIA JOSEFA BERNAD BERNAD et al.	RHEOLOGICA ACTA	2016
60	Simultaneous pulsatile flow and oscillating wall of a non-newtonian liquid	EDTSON EMILIO HERRERA VALENCIA MARIANO PEREZ CAMACHO LUIS MEDINA TORRES et al.	KOREA-AUSTRAL IA RHEOLOGY JOURNAL	2016
61	Rheological study of healthy chicken's pooled tracheobronchial secretions and its modification by mucolytics drugs	LIZBETH YESENIA CARRILLO GONZALEZ HECTOR SALVADOR SUMANO LOPEZ LUIS MEDINA TORRES et al.	POULTRY SCIENCE	2016
62	Microencapsulation by spray drying of laurel infusions (<i>Litsea glaucescens</i>) with maltodextrin	LUIS MEDINA TORRES OCTAVIO MANERO BRITO Santiago-Adame, R. et al.	INDUSTRIAL CROPS AND PRODUCTS	2016
63	Assessment of extrusion-sonication process on flame retardant polypropylene by rheological characterization	ANTONIO SANCHEZ SOLIS LUIS MEDINA TORRES OCTAVIO MANERO BRITO et al.	Aims Materials Science	2016
64	Effect of different drying procedures on physicochemical properties and flow behavior of Aloe vera (<i>Aloe barbadensis</i> Miller) gel	LUIS MEDINA TORRES Minjares-Fuentes, R. Femenia, A. et al.	LWT-FOOD SCIENCE AND TECHNOLOGY	2016
65	Modelado de la transferencia de calor en el tratamiento térmico de productos enlatados	LUIS MEDINA TORRES Fernando A.L.-M. José J.V.-L.	Informacion Tecnologica	2016
66	Effect of cholesterol and triglycerides levels on the rheological behavior of human blood	Leonardo Moreno FAUSTO CALDERAS GARCIA LUIS MEDINA TORRES et al.	KOREA-AUSTRAL IA RHEOLOGY JOURNAL	2015
67	Spray drying-microencapsulation of cinnamon infusions (<i>Cinnamomum zeylanicum</i>) with maltodextrin	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA MARIA JOSEFA BERNAD BERNAD et al.	LWT-FOOD SCIENCE AND TECHNOLOGY	2015
68	Isolation of lupeol from white oak leaves and its anti-inflammatory activity	J. A. SanchezBurgos M. V. RamirezMares J. A. GallegosInfante et al.	INDUSTRIAL CROPS AND PRODUCTS	2015
69	Morphological and release characterization of nanoparticles formulated with poly (dl-lactide-co-glycolide) (PLGA) and lupeol: In vitro permeability and modulator effect on NF- κ B in Caco-2 cell system stimulated with TNF- α	MARIA JOSEFA BERNAD BERNAD LUIS MEDINA TORRES ChairezRamirez, M. H. et al.	FOOD AND CHEMICAL TOXICOLOGY	2015
70	Study of spray drying of the Aloe vera mucilage (<i>Aloe vera barbadensis</i> Miller) as a function of its rheological properties	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA EDTSON EMILIO HERRERA VALENCIA et al.	LWT-FOOD SCIENCE AND TECHNOLOGY	2014

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71	Study of nopal mucilage and marine brown algae extract as viscosity-enhancing admixtures for cement based materials	LUIS MEDINA TORRES Leon-Martinez, F. M. Cano-Barrita, P. F. de J. et al.	CONSTRUCTION AND BUILDING MATERIALS	2014
72	Rheological of chocolate-flavored, reduced-calories coating as a function of conching process	LUIS MEDINA TORRES Leonardo Moreno FAUSTO CALDERAS GARCIA et al.	JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE	2014
73	Rheology of sodium polyacrylate as an emulsifier employed in cosmetic emulsions	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA Sanchez-Olivares, Guadalupe et al.	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2014
74	Sodium montmorillonite effect on the morphology, thermal, flame retardant and mechanical properties of semi-finished leather	ANTONIO SANCHEZ SOLIS FAUSTO CALDERAS GARCIA LUIS MEDINA TORRES et al.	APPLIED CLAY SCIENCE	2014
75	Antioxidant, antimicrobial, antitopoisomerase and gastroprotective effect of herbal infusions from four Quercus species	LUIS MEDINA TORRES Sanchez-Burgos, J. A. Ramirez-Mares, M. V. et al.	INDUSTRIAL CROPS AND PRODUCTS	2013
76	Rheological and physical properties of spray-dried mucilage obtained from <i>Hylocereus undatus cladodes</i>	LUIS MEDINA TORRES Garcia-Cruz, E. E. Rodriguez-Ramirez, J. et al.	CARBOHYDRATE POLYMERS	2013
77	Microencapsulation by spray drying of gallic acid with nopal mucilage (<i>Opuntia ficus indica</i>)	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA Garcia-Cruz, E. E. et al.	LWT-FOOD SCIENCE AND TECHNOLOGY	2013
78	Author's response	LUIS MEDINA TORRES	CHEMICAL ENGINEERING & TECHNOLOGY	2013
79	Mesquite leaves (<i>Prosopis laevigata</i>), a natural resource with antioxidant capacity and cardioprotection potential	LUIS MEDINA TORRES "Garcia-Andrade, M. Rocha-Guzman, N. E. et al.	INDUSTRIAL CROPS AND PRODUCTS	2013
80	Synthesis and characterization of a hybrid (chitosan-g-glycidyl methacrylate)-xanthan hydrogel	LUIS MEDINA TORRES Elizalde-Pena, E. A. Zarate-Trivino, D. G. et al.	JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION	2013
81	Extrusion with ultrasound applied on intumescent flame-retardant polypropylene	ANTONIO SANCHEZ SOLIS FAUSTO CALDERAS GARCIA LUIS MEDINA TORRES et al.	POLYMER ENGINEERING AND SCIENCE	2013
82	On the yield stress of complex materials	FAUSTO CALDERAS GARCIA EDTSON EMILIO HERRERA VALENCIA ANTONIO SANCHEZ SOLIS et al.	KOREA-AUSTRALIA RHEOLOGY JOURNAL	2013

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83	Flame retardant high density polyethylene optimized by on-line ultrasound extrusion	ANTONIO SANCHEZ SOLIS FAUSTO CALDERAS GARCIA LUIS MEDINA TORRES et al.	POLYMER DEGRADATION AND STABILITY	2013
84	Study of the Morphology and Rheological Behavior of Polymer-Modified Asphalt Blends Prepared with Poly(Styrene-b-Butadiene-b-Styrene) and Poly(Styrene-b[(Butadiene)(1-x)-(Ethylene-co-Butylene)(x)]-b-Styrene) of Star-Like Molecular Architecture	PAOLA BEATRIZ GONZALEZ AGUIRRE LUIS MEDINA TORRES RAFAEL HERRERA NAJERA et al.	POLYMER ENGINEERING AND SCIENCE	2013
85	Physicochemical properties and antioxidant capacity of oak (Quercus resinosa) leaf infusions encapsulated by spray-drying	LUIS MEDINA TORRES Gallegos-Infante J.A. Rocha-Guzmán N.E. et al.	Food Bioscience	2013
86	Study of the Rheological Properties of a Fermentation Broth of the Fungus Beauveria bassiana in a Bioreactor Under Different Hydrodynamic Conditions	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA Nunez-Ramirez, Diola Marina et al.	JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY	2012
87	Mixing Analysis for a Fermentation Broth of the Fungus Beauveria bassiana under Different Hydrodynamic Conditions in a Bioreactor	FAUSTO CALDERAS GARCIA LUIS MEDINA TORRES Nunez-Ramirez, Diola M. et al.	CHEMICAL ENGINEERING & TECHNOLOGY	2012
88	On the effect of the composition of the elastomeric block of SBS and SEBES block polymers on the rheological properties of modified asphalts [Efecto de la composición del bloque elastomérico de SBS y SEBES en las propiedades reológicas de	RAFAEL HERRERA NAJERA MARIA GRACIELA GARCIA GUZMAN LUIS MEDINA TORRES et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2012
89	ON THE EFFECT OF THE COMPOSITION OF THE ELASTOMERIC BLOCK OF SBS AND SEBES BLOCK POLYMERS ON THE RHEOLOGICAL PROPERTIES OF MODIFIED APHALTS	RAFAEL HERRERA NAJERA MARIA GRACIELA GARCIA GUZMAN H. Xicotencalt Serrano et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2012
90	Characterization of physical interaction between Casiopeina III-ia and chitosan. Toward a Cas III-ia drug delivery system	JORGE ESTEBAN MIRANDA CALDERON LUIS MEDINA TORRES MABEL CECILIA TINOCO MENDEZ et al.	CARBOHYDRATE RESEARCH	2011
91	Effects of drying conditions on the rheological properties of reconstituted mucilage solutions (Opuntia ficus-indica)	LUIS MEDINA TORRES MARIA JOSEFA BERNAD BERNAD Leon-Martinez, F. M. et al.	CARBOHYDRATE POLYMERS	2011

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92	Study of the antioxidant properties of extracts obtained from nopal cactus (<i>Opuntia ficus-indica</i>) cladodes after convective drying	LUIS MEDINA TORRES EDTSON EMILIO HERRERA VALENCIA FAUSTO CALDERAS GARCIA et al.	Journal Of The Science Of Food And Agriculture	2011
93	Zinc bioleaching from an iron concentrate using <i>Acidithiobacillus ferrooxidans</i> strain from Hercules Mine of Coahuila, Mexico	LUIS MEDINA TORRES Marina Nunez-Ramirez, Diola Solis-Soto, Aguiles et al.	INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS	2011
94	Mixing and tempering effect on the rheological and particle size properties of dark chocolate coatings	LUIS MEDINA TORRES Quinones-Munoz, T. Gallegos-Infante, J. A. et al.	CYTA-JOURNAL OF FOOD	2011
95	Quality of spaghetti pasta containing Mexican common bean flour (<i>Phaseolus vulgaris</i> L.)	LUIS MEDINA TORRES Gallegos-Infante, J. A. Rocha-Guzman, N. E. et al.	FOOD CHEMISTRY	2010
96	Mechanical Properties of Ovalbumin Gels Formed at Different Conditions of Concentration, Ionic Strength, pH, and Aging Time	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA Alberto Gallegos-Infante, Jose et al.	FOOD AND BIOPROCESS TECHNOLOGY	2010
97	Rheology of asphalt and styrene-butadiene blends	LUIS MEDINA TORRES Alonso, Sergio Zitzumbo, Roberto et al.	JOURNAL OF MATERIALS SCIENCE	2010
98	Effect of High-Pressure Homogenization on the Physical and Antioxidant Properties of <i>Quercus resinosa</i> Infusions Encapsulated by Spray-Drying	LUIS MEDINA TORRES Elizabeth Rocha-Guzman, Nuria Alberto Gallegos-Infante, Jose et al.	JOURNAL OF FOOD SCIENCE	2010
99	Morphology and Rheological Behavior of Maltene-polymer Blends. I. Effect of Partial Hydrogenation of Poly(styrene-block-butadiene-block-styrene-block)-Type Copolymers	PAOLA BEATRIZ GONZALEZ AGUIRRE LUIS MEDINA TORRES RAFAEL HERRERA NAJERA et al.	JOURNAL OF APPLIED POLYMER SCIENCE	2009
100	Antioxidant activity and genotoxic effect on HeLa cells of phenolic compounds from infusions of <i>Quercus resinosa</i> leaves	LUIS MEDINA TORRES Elizabeth Rocha-Guzman, Nuria Alberto Gallegos-Infante, Jose et al.	FOOD CHEMISTRY	2009
101	Ferrous bisglycinate content and release in W-1/O/W-2 multiple emulsions stabilized by protein-polysaccharide complexes	LUIS MEDINA TORRES Jimenez-Alvarado, R. Beristain, C. I. et al.	FOOD HYDROCOLLOID S	2009

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102	Stability of alcoholic emulsions containing different caseinates as a function of temperature and storage time	LUIS MEDINA TORRES FAUSTO CALDERAS GARCIA Alberto Gallegos-Infante, Jose et al.	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2009
103	Effect of air flow rate on the polyphenols content and antioxidant capacity of convective dried cactus pear cladodes (<i>Opuntia ficus indica</i>)	LUIS MEDINA TORRES Gallegos-Infante, Jose-Alberto Rocha-Guzman, Nuria-Elizabeth et al.	INTERNATIONAL JOURNAL OF FOOD SCIENCES AND NUTRITION	2009
104	Drying kinetics of nopal (<i>Opuntia ficus-indica</i>) using three different methods and their effect on their mechanical properties	LUIS MEDINA TORRES Gallegos-Infante, J. A. Gonzalez-Laredo, R. F. et al.	LWT-FOOD SCIENCE AND TECHNOLOGY	2008
105	Hydrodynamics, mass transfer and rheological studies of gibberellic acid production in an airlift bioreactor	LUIS MEDINA TORRES Chavez-Parga M.C. Gonzalez-Ortega O. et al.	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY	2007
106	Submerged monoxenic culture of the entomopathogenic nematode <i>Steinernema carpocapsae</i> in an internal-loop airlift bioreactor using two configurations of the inner tube	LUIS MEDINA TORRES Chavarría-Hernández N. Sanjuan-Galindo R. et al.	BIOTECHNOLOGY AND BIOENGINEERING	2007
107	Structural characteristics of gels formed by mixtures of carrageenan and mucilage gum from <i>Opuntia ficus indica</i>	LUIS MEDINA TORRES Brito-De La Fuente E. Gómez-Aldapa C.A. et al.	CARBOHYDRATE POLYMERS	2006
108	Rheology aspects of leather finishing formulations	LUIS MEDINA TORRES Alonso S. Brito de la Fuente E.	CHEMICAL ENGINEERING COMMUNICATIONS	2005
109	Mechanical properties of gels formed by mixtures of mucilage gum (<i>Opuntia ficus indica</i>) and carrageenans	LUIS MEDINA TORRES Brito-De La Fuente E. Torrestiana-Sanchez B. et al.	CARBOHYDRATE POLYMERS	2003
110	Mixing time in rheologically evolving model fluids by hybrid dual mixing systems	ALBERTO TECANTE CORONEL LUIS MEDINA TORRES Espinosa-Solares T. et al.	CHEMICAL ENGINEERING RESEARCH & DESIGN	2002
111	Rheological properties of the mucilage gum (<i>Opuntia ficus indica</i>)	LUIS MEDINA TORRES Brito-De La Fuente E. Torrestiana-Sanchez B. et al.	FOOD HYDROCOLLOIDS	2000



Reporte individual

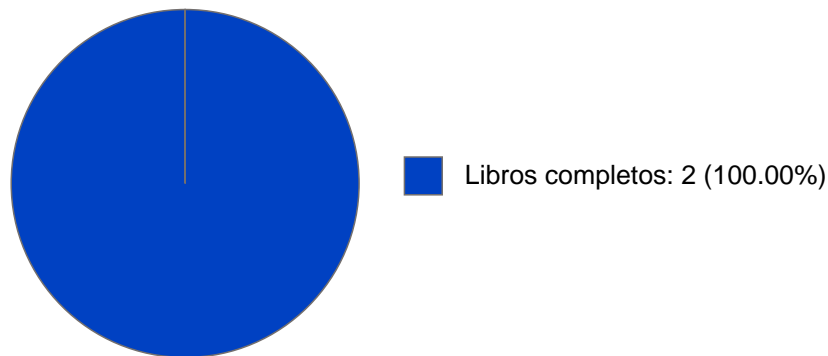
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112	Process viscometry of complex fluids and suspensions with helical ribbon agitators	JUAN JOSE NAVARRO BECKER LUZ MARIA LOPEZ MARIN LUIS MEDINA TORRES et al.	CANADIAN JOURNAL OF CHEMICAL ENGINEERING	1998
113	Evaluation of Viscous Food Properties Using a Helical Ribbon Impeller	LUZ MARIA LOPEZ MARIN LUIS MEDINA TORRES GABRIEL ASCANIO GASCA et al.	ACS Symposium Series	1998
114	Problem of Maya metallurgy in the Medium Grijalva, Central Guatemala, and the Yucatan peninsula: Copper-lead alloy	LUIS MEDINA TORRES Franco Francisca V. Navarrete Carlos C.	Materials Research Society Symposium Proceedings	1997

LUIS MEDINA TORRES

LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Fenómenos de transporte y reología de fluidos complejos:	EDTSON EMILIO HERRERA VALENCIA FAUSTO CALDERAS GARCIA LUIS ANTONIO RAMIREZ TORRES et al.	Libro Completo	2022	9786073070188
2	La reforma electoral federal y su impacto en el distrito federal (2007-2008)	LUIS MEDINA TORRES	Libro Completo	2008	9786077582038



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PARTICIPACIÓN EN PROYECTOS

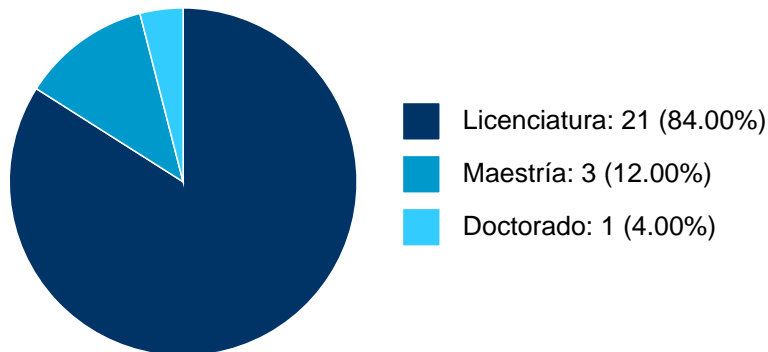
No se encuentran registros en la base de datos de SISEPRO asociados a:

LUIS MEDINA TORRES

LUIS MEDINA TORRES

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	"Reología e hidrodinámica de pulpas de concentrado de hierro durante un proceso de biolixiviación en un tanque de agitación continua (CSTR)"	Tesis de Doctorado	LUIS MEDINA TORRES,	OCTAVIO MANERO BRITO, Ramírez Torres, Luis Antonio,	Facultad de Química, Instituto de Investigaciones en Materiales,	2024
2	"Microencapsulación de pulpa verde de kiwi mediante secado por aspersión usando maltodextrina como vector de encapsulamiento"	Tesis de Licenciatura	LUIS MEDINA TORRES,	Pérez García, Georgina Alejandra,	Facultad de Química,	2023
3	Caracterización reológica de liposomas a diferentes condiciones de preparación	Tesis de Licenciatura	LUIS MEDINA TORRES,	Bautista Quiroz, Erik Antonio,	Facultad de Química,	2023
4	Predicción del coeficiente de transferencia de masa de un fluido no newtoniano inelástico durante una ultrafiltración para la purificación de aloe vera	Tesis de Licenciatura	LUIS MEDINA TORRES,	LUIS ANTONIO RAMIREZ TORRES, González Guillén, Iván Haziél,	Facultad de Estudios Superiores "Zaragoza", Facultad de Química,	2022

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5	Modelado reológico de fluidos complejos producto de la biolixiviación y cianuración de minerales en flujo oscilatorio	Tesis de Maestría	OCTAVIO MANERO BRITO,	LUIS MEDINA TORRES, Gris Cortés, María Elena,	Facultad de Química, Instituto de Investigaciones en Materiales,	2019
6	Caracterización reológica de pulpas con concentrados de hierro procesados por biolixiviación para la eliminación de impurezas	Tesis de Maestría	OCTAVIO MANERO BRITO,	LUIS MEDINA TORRES, Ramírez Torres, Luis Antonio,	Facultad de Química, Instituto de Investigaciones en Materiales,	2019
7	Estudio reológico del gel kappa-carragenina a diferentes concentraciones y temperaturas	Tesis de Licenciatura	LUIS MEDINA TORRES,	Fuentes García, Israel,	Facultad de Química,	2019
8	Microencapsulación de antioxidantes empleando como vector de encapsulamiento Aloe vera (Barbadensis miller) mediante secado por aspersión	Tesis de Licenciatura	LUIS MEDINA TORRES,	Valádez García, Miguel Ángel,	Facultad de Química,	2017
9	Caracterización y modelado reológico de cultivos productores de exopolisacáridos empleados para biolixiviación de minerales	Tesis de Licenciatura	OCTAVIO MANERO BRITO,	LUIS MEDINA TORRES, Ramírez Torres, Luis Antonio,	Facultad de Química, Instituto de Investigaciones en Materiales,	2016
10	Efecto de pulsos ultrasónicos a diferentes frecuencias en la cinética de inducción a gelación de poloxámero	Tesis de Licenciatura	LUIS MEDINA TORRES,	Urbano López, Hans Edson,	Facultad de Química,	2016
11	Estudio reológico de emulsiones de pinturas a base espesante tipo hase y su efecto en el proceso de entintado	Tesis de Licenciatura	LUIS MEDINA TORRES,	Alexandres Simoneen, Aislínn Itzel,	Facultad de Química,	2016

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12	Estudio hemorreológico a diferentes niveles de colesterol utilizando nanopartículas magnéticas improntadas con doxorubicina en ratas wistar	Tesis de Licenciatura	LUIS MEDINA TORRES,	PEDRO JAVIER SALAS AMBROSIO, Casillas Balderas, Yonner Antonio,	Facultad de Química,	2015
13	Modelado reológico de una grasa cosmética	Tesis de Licenciatura	EDTSON EMILIO HERRERA VALENCIA,	LUIS MEDINA TORRES, Macías Olvera, Nora Lizbeth,	Facultad de Estudios Superiores "Zaragoza", Facultad de Química,	2015
14	Estudio del comportamiento reológico de un fluido biológico (sangre de rata) con diferentes niveles de colesterol	Tesis de Licenciatura	LUIS MEDINA TORRES,	Ortega Cerón, Mariana,	Facultad de Química,	2014
15	Elaboración de prácticas sobre acondicionamiento de aire para el Laboratorio de Ingeniería Química	Tesis de Licenciatura	BLANCA ESTELA GARCIA ROJAS,	LUIS MEDINA TORRES, JESUS TORRES MERINO, et al.	Facultad de Química,	2013
16	Estudio del proceso de secado por aspersión de mucílago de nopal (opuntia ficus índica) y su efecto en las propiedades reológicas	Tesis de Licenciatura	LUIS MEDINA TORRES,	Flores Alcantar, Ma. Elvira,	Facultad de Química,	2013
17	Efecto conjunto del colesterol, triglicéridos y glucosa en el comportamiento reológico de la sangre humana	Tesis de Maestría	CLAUDIA HUESCA GOMEZ,	OCTAVIO MANERO BRITO, LUIS MEDINA TORRES, et al.	Facultad de Química, Instituto de Investigaciones en Materiales,	2012

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18	Estudio de las propiedades de textura en geles cárnicos empleando sistemas de kappa-carragenina / almidón y kappacarragenina / goma de mucílago Opuntia ficus indica	Tesis de Licenciatura	LUIS MEDINA TORRES,	Villarreal González, Ana Patricia,	Facultad de Química,	2011
19	Estabilidad de emulsiones alcohólicas	Tesis de Licenciatura	LUIS MEDINA TORRES,	Solórzano Rodríguez, Francia Ivonne,	Facultad de Química,	2011
20	Estudio del comportamiento viscoelástico lineal de coberturas sabor chocolate reducidas en calorías en función de las variables de proceso	Tesis de Licenciatura	LUIS MEDINA TORRES,	Martínez Leyva, Melina,	Facultad de Química,	2010
21	Estudio de las propiedades reológicas de la pectina y mezclas con otros hidrocoloides en procesos de gelificación para la formulación de mermeladas termorresistentes	Tesis de Licenciatura	LUIS MEDINA TORRES,	Ponce Guerrero, Christian Israel,		2007
22	Estudio de las propiedades funcionales de la fibra dietética a partir de la cascara de naranja	Tesis de Licenciatura	LUIS MEDINA TORRES,	Santiago Falcon, Marlith Patricia,		2006
23	Estudio de la viscosidad intrínseca de la goma Opuntia ficus-indica respecto a diferentes condiciones ambientales impuestas	Tesis de Licenciatura	LUIS MEDINA TORRES,	Cárdenas Ruiz, Carlos Antonio,		2002
24	Estudio reológico de mezclas de iota y kappa carragenina con goma de mucilago de Opuntia ficus indica	Tesis de Licenciatura	LUIS MEDINA TORRES,	Rangel Alvarez, Omar,		2000



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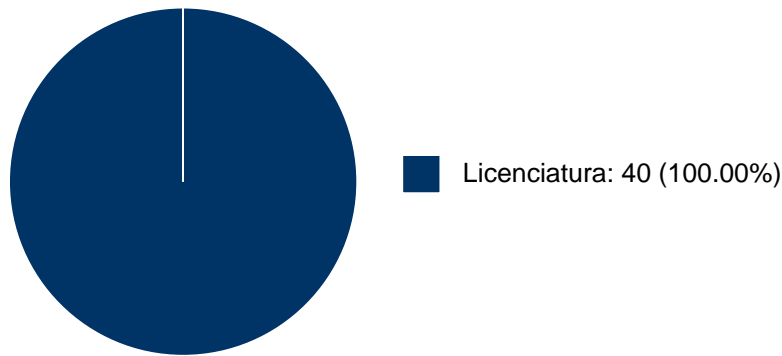
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25	Estudio de extracción del mucilago (Opuntia ficus-indica) y su comportamiento reológico en flujo de cizalla simple	Tesis de Licenciatura	LUIS MEDINA TORRES,	Ruiz Calderon, Maria Elena,	1997
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LUIS MEDINA TORRES

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	9	2024-2
2	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	10	2024-1
3	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	5	2024-1
4	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	11	2023-2
5	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	10	2023-2
6	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	10	2023-1
7	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	10	2022-2
8	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	11	2022-1
9	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	11	2021-2
10	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	2	2021-1
11	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	3	2020-1
12	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	7	2020-1
13	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	10	2019-2
14	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	5	2019-2
15	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	10	2019-1
16	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	10	2019-1
17	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	10	2018-2
18	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	4	2018-1
19	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	4	2018-1
20	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	9	2017-2
21	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	12	2017-1
22	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	10	2016-2
23	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	8	2016-1
24	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	8	2015-2

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25	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	4	2015-1
26	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	9	2014-2
27	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	12	2014-1
28	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	8	2013-2
29	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	10	2013-1
30	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	8	2012-2
31	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	10	2012-1
32	Licenciatura	MECANICA D FLUIDOS I	Facultad de Ingeniería	37	2011-2
33	Licenciatura	LABORATORIO DE ING. QUIMICA III	Facultad de Química	6	2011-2
34	Licenciatura	PROCESOS DE ALIMENTOS	Facultad de Química	55	2011-1
35	Licenciatura	PROCESOS DE ALIMENTOS	Facultad de Química	42	2010-2
36	Licenciatura	PROCESOS DE ALIMENTOS	Facultad de Química	45	2010-1
37	Licenciatura	OPERACIONES UNIT. ALIM. II	Facultad de Química	5	2009-2
38	Licenciatura	OPERACIONES UNIT. ALIM. II	Facultad de Química	17	2009-1
39	Licenciatura	OPERACIONES UNIT. ALIM. II	Facultad de Química	24	2008-2
40	Licenciatura	OPERACIONES UNIT. ALIM. II	Facultad de Química	43	2008-1

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PATENTES

#	Título	Inventores	Sección	Año
1	MICROENCAPSULACION DE ANTIOXIDANTES POR EL PROCESO DE SECADO POR ASPERSION EMPLEANDO MUCILAGOS DE ALOE VERA.	FAUSTO CALDERAS GARCIA, OCTAVIO MANERO BRITO, LUIS MEDINA TORRES, et al.	PERFORMING OPERATIONS; TRANSPORTING	2021
2	GRAFENO Y NANOGRAFITO POR ULTRASONIDO-HASE Y SU USO COMO REFORZANTE EN MATERIALES COMPUESTOS DE MATRIZ POLIMERICA.	ANTONIO SANCHEZ SOLIS, LUIS MEDINA TORRES, OCTAVIO MANERO BRITO, et al.	CHEMISTRY; METALLURGYPERFORMING OPERATIONS; TRANSPORTING	2023
3	DESARROLLO DE UN NUEVO COMPUESTO DE MONTMORILLONITA Y MICROPARTÍCULAS PARA REDUCCIÓN DE COLESTEROL.	JESUS GRACIA MORA, LUIS MEDINA TORRES, OCTAVIO MANERO BRITO, et al.	HUMAN NECESSITIES	2023
4	ELIMINACION DE IMPUREZAS EN CONCENTRADOS DE FIERRO (HIERRO) POR BIOLIXIVIACION.	LUIS MEDINA TORRES, OCTAVIO MANERO BRITO,	CHEMISTRY; METALLURGY	2023
5	MICROCAPSULAS DE MUCILAGO DE ALOE VERA PARA LA LIBERACION CONTROLADA DE CURCUMINA COMO ANTICANCERIGENO.	FAUSTO CALDERAS GARCIA, LUIS MEDINA TORRES, MARIA JOSEFA BERNAD BERNAD, et al.	HUMAN NECESSITIESPERFORMING OPERATIONS; TRANSPORTING	2023

LUIS MEDINA TORRES

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