

ACADEMIC PRODUCTIVITY

2024

Title	Erythrocyte vulnerability to airborne nanopollutants
Year of publication	2024
Journal / editorial / book	Toxics
Volume / chapter / number / pages	12(1), 92
Authors	Ana Cristina Hermosillo Abundis, Aracely Angulo Molina, Miguel Angel Méndez Rojas*

Title	Asociación de la consulta oftalmológica en pacientes con diabetes mellitus tipo II y retinopatía diabética
Year of publication	2024
Journal / editorial / book	<i>Centros: Revista Científica Universitaria</i>
Volume / chapter / number / pages	13 (1), 9-23
Authors	Rosas, Erika-Palacios

Title	Historical analysis of accidents in the Saudi Arabian chemical industry
Year of publication	2024
Journal / editorial / book	<i>The Canadian Journal of Chemical Engineering.</i>
Volume / chapter / number / pages	1-12
Authors	Palacios, A., Palacios-Rosas, E. , & Abdul-Aziz-Al-Mughanam, T.

Title	Hydrogen in Mexico: A technical and economic feasibility perspective for the transition to a hydrogen economy.
Year of publication	2024
Journal / editorial / book	<i>International Journal of Hydrogen Energy.</i>

Academic productivity of the Doctorate in Molecular Biomedicine

Volume / chapter / number / pages	
Authors	Palacios, A., Martins, R., Palacios-Rosas, E. , Castro-Olivera, P. M., Oros, A., Lizcano, F., ... & Bonilla, H

Title	Revisión sistemática del síndrome de Zinner
Year of publication	2024
Journal / editorial / book	<i>Revista Mexicana de Urología</i>
Volume / chapter / number / pages	84(1), 1-10.
Authors	Palacios-Rosas, E. , Torres-Razo, A., & Enríquez-González, E. A.

Title	Tendinopathies Associated with Statin Therapy in Patients with Dyslipidemia: Case Study
Year of publication	2024
Journal / editorial / book	<i>International Journal of Medical Science and Clinical Research Studies</i>
Volume / chapter / number / pages	4(04), 699-703.
Authors	Domínguez, D. E. A., Rosas, E. P. , & Álvarez, J. L. L.

Title	Use of Novel Homochiral Thioureas Camphor Derived as Asymmetric Organocatalysts in the Stereoselective Formation of Glycosidic Bonds
Year of publication	2024
Journal / editorial / book	Molecules
Volume / chapter / number / pages	Feb 24(29):811
Authors	Mildred López 1, Gabriela Huelgas 1, Mario Sánchez 2, Adalid Armenta 2, Angel Mendoza 3, José Daniel Lozada-Ramírez 1 and Cecilia Anaya de Parrodi 1,*

Title	SERCA-1 conformational change exerted by the Ca ²⁺ -channel blocker diltiazem affects mammalian skeletal muscle function
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Academic productivity of the Doctorate in Molecular Biomedicine

Year of publication	2024
Journal / editorial / book	Cell Calcium
Volume / chapter / number / pages	119(2024) 102852
Authors	Aura Jiménez-Garduño a,b,1 , Ibrahim Ramirez-Soto a,c,2, Ileana Miranda-Rodríguez a, Sofía Gitler a,d, Alicia Ortega a,*

2023

Title	Biological Activities and Chemical Profiles of Kalanchoe fedtschenkoi Extracts
Year of publication	2023
Journal / editorial / book	Plants (Basel)
Volume / chapter / number / pages	10;12(10):1943
Authors	Jorge L Mejía-Méndez 1, Horacio Bach 2, Ana C Lorenzo-Leal 2, Diego E Navarro-López 3, Edgar R López-Mena 3, Luis Ricardo Hernández 1, Eugenio Sánchez-Arreola 1

Title	Chemistry, Occurrence, Properties, Applications, and Encapsulation of Carotenoids-A Review
Year of publication	2023
Journal / editorial / book	Plants (Basel)
Volume / chapter / number / pages	Jan 9;12(2):313
Authors	Marco Antonio González-Peña 1 , Ana Eugenia Ortega-Regules 2 , Cecilia Anaya de Parrodi 3 , José Daniel Lozada-Ramírez 3

Title	Stabilization of Anthocyanins from Coffee (Coffea arabica L.) Husks and In Vivo Evaluation of Their Antioxidant Activity
Year of publication	2023
Journal / editorial / book	Molecules
Volume / chapter / number / pages	Jan 31;28(3):1353
Authors	José Daniel Lozada-Ramírez 1 , María Cristina Guerrero-Moras 2 , Marco Antonio González-Peña 3 , Taisa Sabrina

Academic productivity of the Doctorate in Molecular Biomedicine

	Silva-Pereira 2 , Cecilia Anaya de Parrodi 1 , Ana E Ortega-Regules 2
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Title	Particulate matter and ultrafine particles in urban air pollution and their effect on the nervous system
Year of publication	2023
Journal / editorial / book	Environmental Sciences: Processes & Impacts
Volume / chapter / number / pages	Apr 26;25(4):704-726
Authors	Jessica Andrea Flood-Garibay 1 , Aracely Angulo-Molina 2 , Miguel Ángel Méndez-Rojas 1

Title	Study of fluorine tin oxide thin films deposited by pneumatic spray pyrolysis and ultrasonic spray pyrolysis: a direct comparison
Year of publication	2023
Journal / editorial / book	Materials Research Express
Volume / chapter / number / pages	10, 066402
Authors	Raquel Ramirez-Amador; Joaquín Alvarado-Pulido; Haydee Patricia Martínez-Hernández; Raul Cortés-Maldonado.; Salvador Alcántara-Iniesta; Gregorio Flores-Carrasco; Esteban Ojeda-Durán; Oleksandr Malik; Leonardo Morales de la Garza; Miguel Angel Méndez-Rojas ; Yesmin Panecatl-Bernal; José Alberto Luna López; Primavera López-Salazar

Title	Physical and chemical interactions of the polar and nonpolar solvents on the mesoporous silica material
Year of publication	2023
Journal / editorial / book	Chemistry Select
Volume / chapter / number / pages	8(12), e202204636
Authors	Yesmin Panecatl Beral, Joaquín Alvarado Pulido, José Ortiz-Medina, Ivan Fuentesilla-Cárcamo, Rodolfo Lima Juárez, David A. Granada Ramírez, Miriam Chávez-Portillo, Laura Esquina-Arenas, Sofía Hernández-Corona, Eder Alpes de Vasconcelos, Wilfrido Mendes de Acevedo, Miguel Angel Méndez-Rojas , Miguel Angel Palomino-Ovano, Enrique Navarro-Morales.

Title	Preservation of dopamine levels in a mouse model of Parkinson's disease by carboxymethylated silica and starch nanoparticles coupled to silybin
Year of publication	2023

Academic productivity of the Doctorate in Molecular Biomedicine

Journal / editorial / book	Chemistry Select
Volume / chapter / number / pages	8(3), e202204332
Authors	Esperanza García, Luis Arturo García de la Rosa, María Fernanda Veloz Castillo, Miguel Angel Méndez Rojas , Anahí Chavarría

Title	Mesostructured lead dioxide grown on titania nanotubes for diclofenac water removal through electrocatalytic and photoelectrocatalytic processes
Year of publication	2023
Journal / editorial / book	Environ. Res
Volume / chapter / number / pages	15;231(Pt 3):116094
Authors	Monica Cerro-Lopez 1 , Lucila I Castro-Pastrana 2 , Jessica Campos-Delgado 3, Efrain Rubio-Rosas 4, Erika Bustos 5, Carlos A Martínez-Huitile 6

Title	Activities against Lung Cancer of Biosynthesized Silver Nanoparticles: A Review
Year of publication	2023
Journal / editorial / book	Biomedicines
Volume / chapter / number / pages	28;11(2):389
Authors	Jorge L Mejía-Méndez 1, Edgar R López-Mena 2, Eugenio Sánchez-Arreola 1

Title	3,3'-Diindolylmethane and indole-3-carbinol: potential therapeutic molecules for cancer chemoprevention and treatment via regulating cellular signaling pathways
Year of publication	2023
Journal / editorial / book	Cancer Cell Int
Volume / chapter / number / pages	26;23(1):180.
Authors	Octavio Daniel Reyes-Hernández 1, Gabriela Figueroa-González 2, Laura Itzel Quintas-Granados 3, Stephany Celeste Gutiérrez-Ruiz 4, Hector Hernández-Parra 4, Alejandra Romero-Montero 4, María Luisa Del Prado-Audelo 5, Sergio Alberto Bernal-Chavez 4 , Hernán Cortés 6, Sheila I Peña-Corona 4, Lashyn Kiyekbayeva 7 8, Dilek Arslan Ateşşahin 9,

	Tamar Goloshvili 10, Gerardo Leyva-Gómez 11, Javad Sharifi-Rad 12
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Title	Films for Wound Healing Fabricated Using a Solvent Casting Technique
Year of publication	2023
Journal / editorial / book	Pharmaceutics
Volume / chapter / number / pages	Jul 9;15(7):1914
Authors	Fabiola V Borbolla-Jiménez 1 2, Sheila I Peña-Corona 3, Sonia J Farah 1 2, María Teresa Jiménez-Valdés 1 2, Emiliano Pineda-Pérez 1 2, Alejandra Romero-Montero 3, María Luisa Del Prado-Audelo 2, Sergio Alberto Bernal-Chávez 4, Jonathan J Magaña 1 2, Gerardo Leyva-Gómez 3

Title	Neopeltolide and its synthetic derivatives: a promising new class of anticancer agents
Year of publication	2023
Journal / editorial / book	Front Pharmacol
Volume / chapter / number / pages	Jun 6:14:1206334
Authors	Sheila I Peña-Corona 1, Héctor Hernández-Parra 2, Sergio A Bernal-Chávez 1, Néstor Mendoza-Muñoz 3, Alejandra Romero-Montero 1, María Luisa Del Prado-Audelo 4, Hernán Cortés 5, Dilek Arslan Ateşşahin 6, Solomon Habtemariam 7, Zainab M Almarhoon 8, Ahmad Faizal Abdull Razis 9 10, Babagana Modu 10 11, Javad Sharifi-Rad 12, Gerardo Leyva-Gómez 1

Title	Enhancing chemical and physical stability of pharmaceuticals using freeze-thaw method: challenges and opportunities for process optimization through quality by design approach
Year of publication	2023
Journal / editorial / book	J Biol Eng
Volume / chapter / number / pages	May 23;17(1):35.
Authors	Sergio A Bernal-Chávez 1, Alejandra Romero-Montero 1, Héctor Hernández-Parra 2, Sheila I Peña-Corona 1, María L Del Prado-Audelo 3, Sergio Alcalá-Alcalá 4, Hernán Cortés 5,

	Lashyn Kiyekbayeva 6 7, Javad Sharifi-Rad 8, Gerardo Leyva-Gómez 9
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Title	Analysis of Beneficial Effects of Flavonoids in Patients with Atherosclerosis Risk on Blood Pressure or Cholesterol during Random Controlled Trials: A Systematic Review and Meta-Analysis
Year of publication	2023
Journal / editorial / book	Scientia Pharmaceutica
Volume / chapter / number / pages	Nov 23;91:55.
Authors	Rosa Edith Grijalva-Guiza 1, Thais Lucía Grijalva-Montano 2, Mariana Cuautle 3, Enrique Quiroga-González 4, Luis Ricardo Hernández 1 , Alicia Ortega Aguilar 5,* and Aura Matilde Jiménez-Garduño 6,*

Title	Current Status of the Therapeutic Approach for Dysmenorrhea
Year of publication	2023
Journal / editorial / book	Cell Mol Biol (Noisy-le-grand)
Volume / chapter / number / pages	31;69(3):52-63
Authors	Hernán Cortes 1, Héctor Hernández-Parra 2, Sergio A Bernal-Chávez 3 , Isaac H Caballero-Florán 4, Rocío Aguilar-Vázquez 5, María L Del Prado-Audelo 6, Maykel González-Torres 7, Octavio D Reyes-Hernández 8, Gabriela Figueroa-González 9, Gerardo Leyva-Gómez 10

Title	Targeting SARS-CoV-2 Non-Structural Proteins.
Year of publication	2023
Journal / editorial / book	Int J Mol Sci.
Volume / chapter / number / pages	20;24(16):13002
Authors	Donald Tam 1, Ana C Lorenzo-Leal 1, Luis Ricardo Hernández 2 , Horacio Bach 1

Academic productivity of the Doctorate in Molecular Biomedicine

Title	Antioxidant and Anti-Inflammatory Compounds from Edible Plants with Anti-Cancer Activity and Their Potential Use as Drugs
Year of publication	2023
Journal / editorial / book	Molecules
Volume / chapter / number / pages	3;28(3):1488
Authors	Sofía Isabel Cuevas-Cianca 1, Cristian Romero-Castillo 2 3, José Luis Gálvez-Romero 4, Zaida Nelly Juárez 3, Luis Ricardo Hernández 1

Title	Antimicrobial, Cytotoxic, and Anti-Inflammatory Activities of Tigridia vanhouttei Extracts
Year of publication	2023
Journal / editorial / book	Plants (Basel)
Volume / chapter / number / pages	31;12(17):3136.
Authors	Jorge L Mejía-Méndez 1, Ana C Lorenzo-Leal 2, Horacio Bach 2, Edgar R López-Mena 3, Diego E Navarro-López 3, Luis R Hernández 1 , Zaida N Juárez 4, Eugenio Sánchez-Arreola 1

Title	Technology, Science and Culture: A Global Vision,
Year of publication	2023
Journal / editorial / book	Book. IntechOpen
Volume / chapter / number / pages	Volume IV
Authors	Luis Ricardo Hernández , Martín Alejandro Serrano Meneses. Editors

Title	Nanomedicina y liberación controlada de fármacos
Year of publication	2023
Journal / editorial / book	En Libro Blanco de las Nanotecnologías, volumen 2, Thomson Reuters – Aranzadi
Volume / chapter / number / pages	
Authors	J. Lorenzo, J. A. Flood-Garibay, M. A. Méndez-Rojas

Academic productivity of the Doctorate in Molecular Biomedicine

Title	Neurodegeneration triggered by inhaled nanopollutants
Year of publication	2023
Journal / editorial / book	En Technology, Science and Culture: A Global Vision
Volume / chapter / number / pages	Vol. IV, p. 65-74
Authors	C. Hermosillo-Abundis, M. A. Mendez-Rojas

Title	Burkitt Type Lymphoma in Palatine Tonsil. A Report of A Case.
Year of publication	2023
Journal / editorial / book	<i>International Journal of Medical Science and Clinical Research Studies</i>
Volume / chapter / number / pages	3(02), 259-263
Authors	Melgoza, M. A. G., Suárez, J. A. T., & Rosas, E. P.

Title	Food Drying: Opportunities, Market Solutions, and Nutraceutical Properties of Chayote
Year of publication	2023
Journal / editorial / book	<i>Alimentos Ciencia e Ingeniería</i>
Volume / chapter / number / pages	30(2), 1-21
Authors	ROSAS, E. P. , Reyes, A., Castro-Olivera, P. M., Acosta-Nava, K., Vega-Goitia, M., & Palacios, A

Title	Neurodegeneración asociada a la proteína COASY (CoPAN), una enfermedad recientemente descrita
Year of publication	2023
Journal / editorial / book	ENTORNO UDLAP
Volume / chapter / number / pages	19
Authors	Hermosillo-Abundis, A. C. y Palacios-Rosas, E.

2022

Title	A new diterpene and bioactivities of labdanes isolated from <i>Buddleja marrubiifolia</i>
Year of publication	2022
Journal / editorial / book	Natural Product Research
Volume / chapter / number / pages	36:1, 71-78, DOI: 10.1080/14786419.2020.1762184
Authors	Edith Fabiola Martínez-Pérez, Eleuterio Burgueño-Tapia, Samuel Roa-Flores, Aranza E. Bendaña-Piñero, Eugenio Sánchez-Arreola, Horacio Bach & Luis Ricardo Hernández

Title	Antimycobacterial, cytotoxic, and anti-inflammatory activities of <i>Artemisia ludoviciana</i>
Year of publication	2022
Journal / editorial / book	Journal of Ethnopharmacology
Volume / chapter / number / pages	293, 115249. https://doi.org/10.1016/j.jep.2022.115249
Authors	José Luis Gálvez Romero, Carla Michelle Parada Sosa, Griselda León Burgos, Ana Cecilia Lorenzo Leal, Elie Girgis El Kassis, Elizabeth Bautista Rodríguez, Genaro Alberto Paredes Juárez, Luis Ricardo Hernández, Horacio Bach, Zaida Nelly Juárez

Title	Technology, Science and Culture: A Global Vision,
Year of publication	2022
Journal / editorial / book	Book. IntechOpen
Volume / chapter / number / pages	Volume III
Authors	Luis Ricardo Hernández, Martín Alejandro Serrano Meneses. Editors

Title	Virus-like Particles: Fundamentals and Biomedical Applications
Year of publication	2022
Journal / editorial / book	International Journal of Molecular Sciences

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Volume / chapter / number / pages	23, 8579. https://doi.org/10.3390/ijms23158579
Authors	Mejía-Méndez, J.L.; Vazquez-Duhalt, R.; Hernández, L.R.; Sánchez-Arreola, E.; Bach, H.

Title	Farmacovigilancia del omalizumab en una cohorte de 30 pacientes con asma grave.
Year of publication	2022
Journal / editorial / book	Medicina Interna de México
Volume / chapter / number / pages	38(5): 977-989.
Authors	Herrera-García JC, Villarreal Portillo DA, Vera-Guerrero LS, Palacios-Rosas E, Castro-Pastrana LI.

Title	Farmacovigilancia.
Year of publication	2022
Journal / editorial / book	Colegio Nacional de Químicos Farmacéuticos Biólogos México AC. En: Vargas-Neri JL ed. Libro de Texto de Servicios Farmacéuticos.
Volume / chapter / number / pages	Capítulo 12; pp. 219-244.
Authors	Castro-Pastrana LI , Vargas-Neri JL.

Title	Hydrogen Production in Mexico: State of the art, future perspectives, challenges and opportunities
Year of publication	2022
Journal / editorial / book	Interanational Journey of Hydrogen Enery
Volume / chapter / number / pages	47/70/ 30196-30212
Authors	A.Palacios ^a A.Cordova-Lizama ^b P.M.Castro-Olivera ^a E.Palacios-Rosas^a

Title	Enfermedad atípica: Inmunodeficiencia combinada grave
Year of publication	2022

Academic productivity of the Doctorate in Molecular Biomedicine

Journal / editorial / book	Ciencia y Salud
Volume / chapter / number / pages	6/1/63-70
Authors	Mildred Angélica Sauce Guevara, Erika Palacios-Rosas

Title	Cross-linked polyvinyl alcohol-xanthan gum hydrogel fabricated by freeze/thaw technique for potential application in soft tissue engineering
Year of publication	2022
Journal / editorial / book	RSC Adv
Volume / chapter / number / pages	Aug 5;12(34):21713-21724.
Authors	Sergio Alberto Bernal-Chávez 1, Sergio Alcalá-Alcalá 2, Y S Tapia-Guerrero 3, Jonathan J Magaña 3, María Luisa Del Prado-Audelo 4, Gerardo Leyva-Gómez 1

Title	Stability Phenomena Associated with the Development of Polymer-Based Nanopesticides
Year of publication	2022
Journal / editorial / book	Oxid Med Cell Longev
Volume / chapter / number / pages	25:2022:5766199
Authors	María Luisa Del Prado-Audelo 1, Sergio Alberto Bernal-Chávez 2, Stephany Celeste Gutiérrez-Ruiz 3, Hector Hernández-Parra 3, Iván García Kerdan 1, Juan Manuel Reyna-González 1, Javad Sharifi-Rad 4, Gerardo Leyva-Gómez 3

Title	Controlling size distribution of silver nanoparticles using natural reducing agents in MCM-41
Year of publication	2022
Journal / editorial / book	Chemistry Select
Volume / chapter / number / pages	7(43), e202202566
Authors	Gerardo Miguel Bravo de Luciano, Yesmin Panecatí Bernal, Blanca Susana Soto Cruz, Miguel Angel Méndez Rojas , Primavera López Salazar, Salvador Iniesta Alcántara, Melisa Chavez Portillo, Anabel Romero Lopez, Jesús Israel Mejía Silva, Joaquín Alvarado Pulido

Title	Peptide Biomaterials for tissue regeneration
Year of publication	2022
Journal / editorial / book	Frontiers of Bioengineering and Biotechnology. Biomaterials
Volume / chapter / number / pages	10:893836
Authors	Alex Ross, Mildred Angelica Sauce, Miguel Angel Méndez-Rojas , Emilio Isaac Alarcón

Title	Electrostatically charged rutile TiO ₂ surfaces with enhanced photocatalytic and bacteria inactivation
Year of publication	2022
Journal / editorial / book	Catalysis Today
Volume / chapter / number / pages	392-393, 154-166
Authors	Alejandra Romero Morán, José Luis Sánchez Salas, Miguel Angel Méndez Rojas , Joel Molina Reyes

Title	A simple method for the synthesis of carboxymethylated wrinkled mesoporous silica nanoparticles and preparation of a WMS-curcumin conjugate
Year of publication	2022
Journal / editorial / book	Journal of Sol-Gel Science and Technology
Volume / chapter / number / pages	102, 288-295
Authors	Jessica A. Flood Garibay, Miguel Angel Méndez Rojas

Title	Gold nanoparticle decoration of metal oxides (M = Cu, Ni, Zn) embedded in porous MOF-derived: facile synthesis and possible applications
Year of publication	2022
Journal / editorial / book	Journal of Materials Research
Volume / chapter / number / pages	37, 818-834
Authors	Eder Cedeño Morales, Miguel Angel Méndez Rojas , Boris I. Kharisov, Leticia Torres-Martínez, Luis Felipe Garay Rodríguez

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Title	Designing magnetic mesoporous nanoparticles for cancer therapy
Year of publication	2022
Journal / editorial / book	In Technology, Science and Culture: A global vision (Eds. L.R. Hernández, M.A. Meneses), IntechOpen
Volume / chapter / number / pages	Vol. III, p. 65-73
Authors	Jessica A. Flood Garibay, Keneth Balkus Jr., Miguel Angel Méndez Rojas

Title	Microbial photobioelectrochemical systems: a scooping review
Year of publication	2022
Journal / editorial / book	In Technology, Science and Culture: A global vision (Eds. L.R. Hernández, M.A. Meneses), IntechOpen
Volume / chapter / number / pages	Vol. III, p. 163-192
Authors	Erick Coy Aceves, Jose Luis Sánchez Salas, Monica Cerro Lopez, Miguel Angel Méndez Rojas

Title	Nanotoxicología
Year of publication	2022
Journal / editorial / book	En Libro Blanco de las Nanotecnologías (Eds. J. Casados, G. Díaz, J. Guimera, R. Mendoza, P. Ponce, P. Serena, M. Tenorio), Thomson Reuters-Aranzadi
Volume / chapter / number / pages	
Authors	Jessica A. Flood Garibay, M. C. Morán, A. Espargaró, M. A. Busquets, M. Pilar Vinardell, J. Lorenzo,, Miguel Angel Méndez Rojas

2021

Title	La catástrofe de la talidomida y su importancia en la seguridad de los medicamentos
Year of publication	2021
Journal / editorial / book	Avances en Enfermería
Volume / chapter / number / pages	39/2/155-156
Authors	Palacios-Rosas Erika

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Title	Insensibilidad congénita al dolor.
Year of publication	2021
Journal / editorial / book	Ciencia y Salud
Volume / chapter / number / pages	5/4/71-78
Authors	Palacios Rosas, E., & Buendía-Corona, R. E.

Title	CIC-2-like Chloride Current Alterations in a Cell Model of Spinal and Bulbar Muscular Atrophy, a Polyglutamine Disease
Year of publication	2021
Journal / editorial / book	Journal of Molecular Neuroscience
Volume / chapter / number / pages	V71, I3, P662-674
Authors	Martínez-Rojas VA, Jiménez-Garduño AM , Michelatti D, Tosatto L, Marchioretto M, Arosio D, Basso M, Pennuto M, Musio C.

Title	Bacterias y hongos endófitos de la familia Cactaceae y sus aplicaciones
Year of publication	2021
Journal / editorial / book	TIP Revista Especializada en Ciencias Químico-Biológicas
Volume / chapter / number / pages	24: 1-14, 2021
Authors	Clara Angélica Rodríguez-Mendoza, Luis Ricardo Hernández, Beatriz Pérez-Armendáriz y Zaida Nelly Juárez

Title	Impact of the Persistence of Three Essential Oils with Antifungal Activities on Stored Wheat Grains, Flour, and Baked Products
Year of publication	2021
Journal / editorial / book	Foods
Volume / chapter / number / pages	10, 213. https://doi.org/10.3390/foods10020213
Authors	Juárez, Z.N.; Bach, H.; Bárcenas-Pozos, M.E.; Hernández, L.R.

Title	Potential Benefits of Flavonoids on the Progression of Atherosclerosis by Their Effect on Vascular Smooth Muscle Excitability
Year of publication	2021
Journal / editorial / book	Molecules
Volume / chapter / number / pages	26, 3557. https://doi.org/10.3390/molecules26123557
Authors	Grijalva-Guiza, R.E.; Jiménez-Garduño, A.M. ; Hernández, L.R.

Title	Prevalencia de interacciones farmacológicas en pacientes hospitalizados en el servicio de medicina interna de un hospital general de México.
Year of publication	2021
Journal / editorial / book	Anales de la Facultad de Medicina
Volume / chapter / number / pages	82(3): 206-210.
Authors	Palacios-Rosas E , León-Domínguez MP, Castro-Pastrana LI .

Title	Inclusión del servicio farmacoterapéutico para población vulnerable ante COVID-19 en un Centro de Atención Primaria de la Secretaría de Salud de la Chontalpa.
Year of publication	2021
Journal / editorial / book	Ars Pharmaceutica
Volume / chapter / number / pages	62(suppl 1): 66.
Authors	Flores Dorantes MT, Pedraza Montero P, De La Cruz López JJ, Vázquez Cahuich DA, Castro Pastrana LI , May Pérez S, Domínguez Pérez A, Fernandez Rodríguez M.

Title	Qualitative evaluation of the structure, content, and consistency of ten mobile applications providing drug-drug interaction information.
Year of publication	2021
Journal / editorial / book	Latin American Journal of Clinical Sciences and Medical Technology

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Volume / chapter / number / pages	3: 106-117.
Authors	Villarreal-Portillo DA, Huerta-Martínez AI, Vera-Guerrero LS, Castro-Pastrana LI .

Title	Análisis de fármacos en aguas residuales de tres hospitales de la ciudad de Puebla, México.
Year of publication	2021
Journal / editorial / book	Ingeniería del Agua
Volume / chapter / number / pages	25(1): 59-73.
Authors	Castro-Pastrana LI , Cerro-López M , Toledo-Wall ML, Gómez-Oliván LM, Saldivar-Santiago MD.

Title	Spectroscopic and Spectrometric Applications for the Identification of Bioactive Compounds from Vegetal Extracts
Year of publication	2021
Journal / editorial / book	Applied Sciences
Volume / chapter / number / pages	11, 3039. https://doi.org/10.3390/app11073039
Authors	Lozada-Ramírez, J.D. ; Ortega-Regules, A.E.; Hernández, L.R.; Anaya de Parrodi, C.

Title	Nuclear Magnetic Resonance Metabolomics with Double Pulsed-Field-Gradient Echo and Automatized Solvent Suppression Spectroscopy for Multivariate Data Matrix Applied in Novel Wine and Juice Discriminant Analysis
Year of publication	2021
Journal / editorial / book	Molecules
Volume / chapter / number / pages	26, 4146. https://doi.org/10.3390/molecules26144146
Authors	Herbert-Pucheta, J.E.; Lozada-Ramírez, J.D. ; Ortega-Regules, A.E.; Hernández, L.R.; Anaya de Parrodi, C.

Title	Data sources for drug utilization research in Latin American countries-A cross-national study: DASDUR-LATAM study.
Year of publication	2021
Journal / editorial / book	Pharmacoepidemiology and Drug Safety

Academic productivity of the Doctorate in Molecular Biomedicine

Volume / chapter / number / pages	31(3): 343-352.
Authors	Lopes LC, Salas M, Osorio-de-Castro CGS, Leal LF, Doubova SV, Cañas M, Dreser A, Acosta A, Baldoni AO, de Cássia Bergamaschi C, Mota DM, Gómez-Galicia DL, Sepúlveda-Viveros D, Delgado EN, da Costa Lima E, Chandia FV, Ferre F, Marin GH, Olmos I, Zimmermann IR, Fulone I, Roldán-Saelzer J, Sánchez-Salgado JC, Castro-Pastrana LI , de Souza LJC, Beltrán MM, Silva MT, Mena MB, de França Fonteles MM, Urtasun MA, Tarapués M, Hernández PG, Medero N, Herrera-Comoglio R, Barberato-Filho S, Galvão TF, Luiza VL, Santa-Ana-Tellez Y, Rodríguez-Tanta Y, Elseviers M.

Title	Designing calcium phosphate nanoparticles with the co-precipitation technique to improve phosphorus availability in broiler chicks
Year of publication	2021
Journal / editorial / book	Animals
Volume / chapter / number / pages	11(10), 2772
Authors	Diana A. Gutierrez Arenas, José María Cuca García, Miguel Angel Méndez Rojas , Alfredo Pro Martínez, Carlos Becerril Pérez, María Eugenia Mendoza, Felipe Avila Ramos, Jose Ernesto Ramírez Bribiesca

Title	Ultrafast synthesis of HKUST-1 nanoparticles by solvothermal method: properties and possible applications
Year of publication	2021
Journal / editorial / book	Polyhedron
Volume / chapter / number / pages	210, 115517
Authors	Eder Cedeño Morales, Miguel Angel Méndez Rojas , Leticia Torres Martínez, Luis Felipe Garay Rodríguez, Ivan Lopez, I. E. Uflyand, Boris I. Kharisov

Title	Plasmonic spherical nanoparticles coupled with titania nanotube arrays prepared by anodization as substrates for surface enhanced Raman spectroscopy applications: a review
Year of publication	2021

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Journal / editorial / book	Molecules
Volume / chapter / number / pages	26, 7433
Authors	Monica Cerro López , Jorge Jimenez Cisneros, Juan Pablo Galindo Lazo, Miguel Angel Méndez Rojas , Jessica Rosaura Campos Delgado

Title	Effect of acid concentration and cosolvent nature in morphology and size of wrinkled mesoporous silica (WMS) nanoparticles for potential biomedical applications
Year of publication	2021
Journal / editorial / book	Molecules
Volume / chapter / number / pages	26(14), 4168
Authors	Jessica A. Flood Garibay, Miguel Angel Méndez Rojas

Title	A wrinkled ZnO/MCM-41 nanocomposite: hydrothermal synthesis and characterization
Year of publication	2021
Journal / editorial / book	Materials Research Express
Volume / chapter / number / pages	8(6), 065011
Authors	Yesmin Panecatl Bernal, Rodolfo Lima Juárez, Joaquín Alvarado, Eder Alpes de Vasconcelos, Mariel Chavez Portillo, Wilfrido Mendes de Acevedo, Miguel Angel Méndez Rojas

Title	Electrocristallization, structural and magnetic properties of a dinuclear copper(II) paddlewheel complex with sulindac [Cu ₂ (Suln) ₄].3H ₂ O
Year of publication	2021
Journal / editorial / book	Inorganica Chimica Acta
Volume / chapter / number / pages	
Authors	Rosa Elena Arroyo Carmona, Luis Arturo García de la Rosa, Diana Vázquez Cabrera, Francisco Morales, Roberto Escudero, Sylvain Bernes, Miguel Angel Méndez Rojas , Aarón Pérez Benítez

Title	Simple in situ functionalization of carbon nanospheres
Year of publication	2021
Journal / editorial / book	Nanotechnology
Volume / chapter / number / pages	32(8), 0856
Authors	Gerardo Patiño Guillen, Alan Arceta Lozano, Jessica Falcon Mones, E. García, J. N. D. de León, Rafael Vázquez Duhautl, Miguel Angel Méndez Rojas, Jessica R. Campos Delgado

Title	Analysis by response surface methodology of gold nanoparticles obtained by green chemical reduction using aqueous coffee pulp extract (<i>Coffea arabica</i>)
Year of publication	2021
Journal / editorial / book	Canadian Journal of Chemistry
Volume / chapter / number / pages	99, 519-530
Authors	Gabriel Bonilla Nepomuceno, Miguel Angel Ríos Corripio, Miguel Angel Méndez Rojas , Luis Arcila Lozano, Arturo Hernández Cázares, Marlon Rojas López

Title	Synthesis and characterization of magnetic wrinkled mesoporous silica nanocomposites containing Fe ₃ O ₄ and CoFe ₂ O ₄ nanoparticles for potential biomedical applications
Year of publication	2021
Journal / editorial / book	Colloids and Surfaces A: Physicochemical and Engineering Aspects
Volume / chapter / number / pages	615, 126236
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Title	CO ₂ photoreduction by MOF-derived carbon nanomaterials
Year of publication	2021
Journal / editorial / book	Materials Today Proceedings

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Volume / chapter / number / pages	46(8), 2982-2997
Authors	Eder M. Cedeño, Miguel Angel Méndez Rojas , Boris I. Kharisov

Title	Influence of ethanolic plant extracts on morphology and size distribution of sol-gel prepared TiO ₂ nanoparticles
Year of publication	2021
Journal / editorial / book	Chemistry Select
Volume / chapter / number / pages	6(16), 3958-3968
Authors	Raquel Rodriguez Jimenez, Yesmin Panecatl Bernal, Jose Carrillo Lopez, Joaquin Alvarado, Miguel Angel Méndez Rojas , Andres Romero Lopez, Mariel Chavez Portillo, Mario Pacio Castillo, Ivan Vivaldo de la Cruz, Rafael Arce

Title	Nanoscale changes on RBC membrane induced by storage and ionizing radiation: a mini review
Year of publication	2021
Journal / editorial / book	Frontiers in Physiology, Red Blood Cell Physiology
Volume / chapter / number / pages	12, 669455
Authors	Mario Pedroza Montero, Arturo Lopez CAnizales, Aracely Angulo Molina, Andrea Garibay Escobar, Edgar Silva Campa, Miguel Angel Méndez Rojas , Karla Santacruz Gomez, Mario Acosta Elías, Brenda Castañeda Medina, Diego Soto Puebla, Omar Alvarez Bajo, Ana Burgara Estrella

Title	Recent advances on nanostructured materials for drug delivering and release
Year of publication	2021
Journal / editorial / book	En Nanopharmaceuticals: Principles and Applications (Eds. Yata V. K.; Ranjan, S.; Dasgupta, N.; Lichtfouse, E.), Springer Books
Volume / chapter / number / pages	319-360
Authors	Lucila I. Castro Pastrana , Aracely Angulo Molina, Jessica A. Flood Garibay, Dulce A. Quintana Romero, Pablo Crespo Morán, Miguel Angel Méndez Rojas

Title	CO2 capture by MOFs
Year of publication	2021
Journal / editorial / book	In Handbook of Greener Synthesis of Nanomaterials and Compounds (Eds. B. I. Kharisov, O. Kharissova), Elsevier
Volume / chapter / number / pages	407-448
Authors	C. M. Oliva González, E. M. Cedeño Morales, A. M. N. Navarro Téllez, T. E. Serrano-Quezada, O. V. Kharissova, Miguel Angel Méndez Rojas

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Year of publication	2021
Journal / editorial / book	In Handbook of Nanomaterials and Nanocomposites for Energy and Environmental Applications (Eds. O.V. Kharissova, L. M. T. Martínez, B. I. Kharisov), Springer Chams
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Authors	C. M. Oliva Gonzalez, O. V. Kharissova, L. T. González, M. A. Méndez-Rojas , T. Serrano Quezada

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Title	Technology, Science, and Culture: A Global Vision,
Year of publication	2020
Journal / editorial / book	Book. IntechOpen
Volume / chapter / number / pages	Volume II
Authors	Sergio Picazo-Vela; Luis Ricardo Hernández. Editors

Title	Hospital Pharmacy Service: thinking in the post-pandemic time.
Year of publication	2020
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Volume / chapter / number / pages	11(4): 539.
Authors	Melo AC, Silva AR, Sobreira-Da-Silva MJ, Nascimento RC, Fernandez-Llimos F, Mendes AM, Oliveira CL, Teixeira CA, Osorio-De-Castro CG, De Carvalho D, Neri ED, Ferracini F, Criado JA, Castro-Pastrana LI , Caldeira LF, Bertoldo P, Orellana R, Castilho SR, Mahmud SD, Hernández-Galindo T, Bezerra VS, Saldanha V, Pinto VB, Lima EC.

Title	Effects of effluent from a hospital in Mexico on the embryonic development of zebrafish, <i>Danio rerio</i> .
Year of publication	2020
Journal / editorial / book	Science of the Total Environment
Volume / chapter / number / pages	727: 138716.
Authors	Tenorio-Chávez P, Cerro-López M , Castro-Pastrana LI , Ramírez-Rodrigues MM, Orozco-Hernández JM, Gómez-Oliván LM.

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Authors	Castro-Pastrana LI , Angulo Molina A, Flood-Garibay JA , Quintana-Romero DA, Crespo-Morán P, Méndez-Rojas MÁ .

Title	Worldwide Occurrence, Detection, and Fate of Nonsteroidal Anti-inflammatory Drugs in Water.
Year of publication	2020
Journal / editorial / book	Springer, Berlin, Heidelberg. In: The Handbook of Environmental Chemistry.
Volume / chapter / number / pages	Vol. 96, Chapter 3; pp 55-82.
Authors	Castro-Pastrana LI , Palacios-Rosas E , Toledo-Wall ML, Cerro-López M .

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Volume / chapter / number / pages	Vol. 96, Chapter 14; pp 277-301.
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Title	Thermal stability of human matrix metalloproteinases
Year of publication	2020
Journal / editorial / book	Heliyon
Volume / chapter / number / pages	V6, I5 e03865
Authors	Meraz-Cruz, Noemi, Vadillo-Ortega, Felipe, Jiménez-Garduño , Aura M. , Ortega Alicia.

Title	Nutritional guideline for the management of mexican patients with ckd and hyperphosphatemia
Year of publication	2020
Journal / editorial / book	Nutrients
Volume / chapter / number / pages	V12, I11, P 1-19
Authors	Frida Palafox-Serdán, Olinto A. Luna-Montiel, Sebastián E. Pablo-Franco, Daniela L. Guillen-Tejada, Sandra D. Carreño-Vázquez, Taísa S. Silva Pereira, Laura M. Islas Romero, Karen Villaseñor López, Ana E. Ortega-Régules and Aura M. Jiménez-Garduño*

Title	Carbon nanotubes and carbon fibers in a flash: an easy and convenient preparation of carbon nanostructures using a conventional microwave
Year of publication	2020
Journal / editorial / book	Canadian Journal of Chemistry
Volume / chapter / number / pages	98(1), 49-55
Authors	María Fernanda Veloz Castillo, Antonio Paredes Arroyo, Gerardo Vallejo Espinosa, Jose Francisco Delgado Jimenez, Jeffery L. Coffey, Roberto González-Rodríguez, María Eugenia Mendoza, Jessica Campos Delgado, Miguel Angel Méndez Rojas

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Title	Influence of deposition time on the structural, morphological, optical and electrical properties of ZnO-rGO nanocomposite thin films grow in a single step by USP
Year of publication	2020
Journal / editorial / book	Crystals
Volume / chapter / number / pages	10, 73
Authors	Raquel Ramírez Amador, Joaquín Alvarado, Gabriel Flores Carrasco, Luis Morales de la Garza, Salvador Alcántara Iniesta, Andrea Luna, Yesmin Panecatí Bernal, Miguel Angel Méndez Rojas

Title	Efficient anchoring of nanostructured cadmium selenide on different carbon nanotube types
Year of publication	2020
Journal / editorial / book	Nanotechnology
Volume / chapter / number / pages	31(27), 275601
Authors	Yesmin Panecatí Bernal, Joaquín Alvarado, Rodolfo Lima Juárez, Mariel Chávez Portillo, Miguel Angel Méndez Rojas , Juan Carlos García Gallegos, Fernando José Rodríguez Macías

Title	Fabrication of a multifunctional magnetic-fluorescent material for medical applications
Year of publication	2020
Journal / editorial / book	Dalton Transactions
Volume / chapter / number / pages	49, 4376-4389
Authors	Fernando Arteaga Cardona, Joaquín Octavio Estévez, Miguel Angel Méndez Rojas , Silvia Hidalgo Tobón, J. M. Gracia y Jiménez, Gary N. Cherr, Ulises Salazar Kuri

Title	Magnetic immunoconjugate nanoplatforms for easy colorimetric detection of NSI protein of dengue virus in infected serum
Year of publication	2020
Journal / editorial / book	Nanoscale Advances
Volume / chapter / number / pages	2, 3017-3026

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Title	Synthesis, crystal structure and computational methods of vanadium and copper compounds for cancer treatment
Year of publication	2020
Journal / editorial / book	Molecules
Volume / chapter / number / pages	25(20), 4679
Authors	Nidia D. Corona Motolinía, Beatriz Martínez Valencia, Lisset Noriega, Brenda L. Sánchez Gaytan, Miguel Angel Méndez Rojas , Francisco Javier Melendez Bustamante, Maria Eugenia Castro, Enrique González Vergara

Title	Hydroxyl radical generation by recyclable photocatalytic Fe ₃ O ₄ /ZnO nanoparticles for water disinfection
Year of publication	2020
Journal / editorial / book	Air, Soil and Water Research
Volume / chapter / number / pages	13, 1178622120970954
Authors	Oscar Daniel Maynez Navarro, Miguel Angel Méndez Rojas , Deborah Xanat Flores Cervantes, José Luis Sánchez Salas

Title	Recyclable and photocatalytic properties of ZnFe ₂ O ₄ /ZnO for wastewater treatment and disinfection
Year of publication	2020
Journal / editorial / book	Chemistry Select
Volume / chapter / number / pages	7(48), 15167-15174
Authors	Oscar Daniel Maynez Navarro, Miguel Angel Méndez Rojas , Deborah Xanat Flores Cervantes, Ulises Salazar Kuri, José Luis Sánchez Salas

Title	Una mirada al SARS-CoV-2 desde la Nanomedicina
Year of publication	2020
Journal / editorial / book	ENTORNO UDLAP
Volume / chapter / number / pages	Número especial COVID-19

Authors

Jessica Andrea Flood Garibay, **Miguel Angel Méndez Rojas**