JOSE LUIS MEDINA FRANCO

Datos Generales

Nombre: JOSE LUIS MEDINA FRANCO

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 12 años

Nombramientos

Vigente: PROFESOR DE CARRERA TITULAR C TC Definitivo
Facultad de Química
Desde 16-01-2023

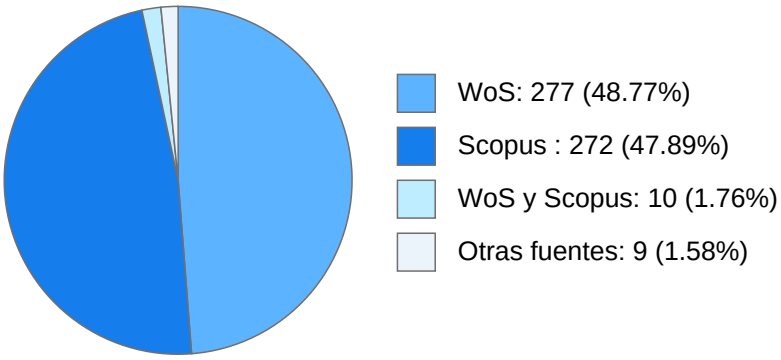
Estímulos, programas, premios y reconocimientos

SNI III 2018 - VIGENTE
SNI II 2014 - 2017
SNI I 2010 - 2013
PRIDE D 2023 - 2024
PRIDE C 2018 - 2023
EQUIVALENCIA PRIDE B 2015 - 2017

JOSE LUIS MEDINA FRANCO

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	KNIME Workflows for Chemoinformatic Characterization of Chemical Databases	JOSE LUIS MEDINA FRANCO Ramírez-Márquez C.D.	MOLECULAR INFORMATICS	2025
2	MAYA (Multiple ActivitY Analyzer): An Open Access Tool to Explore Structure-Multiple Activity Relationships in the Chemical Universe	JOSE LUIS MEDINA FRANCO Espinoza-Castañeda J.I.	MOLECULAR INFORMATICS	2025
3	NPDBEjeCol: A Natural Products Database from Colombia	JOSE LUIS MEDINA FRANCO Rodríguez-Pérez J.R. Valencia-Sánchez H.A. et al.	Acs Omega	2025
4	Nat-UV DB: A Natural Products Database Underlying of Veracruz-Mexico	JOSE LUIS MEDINA FRANCO López-López E. Hernández-Segura A.M. et al.	F1000 Research	2025
5	Fragment Libraries from Large and Novel Synthetic Compounds and Natural Products: A Comparative Chemoinformatic Analysis	JOSE LUIS MEDINA FRANCO Veronica Ramirez-Cid Ana L. Chavez-Hernandez et al.	Acs Omega	2025
6	Machine learning-driven antiviral libraries targeting respiratory viruses	FERNANDA ISABEL SALDIVAR GONZALEZ DIANA LORENA PRADO ROMERO JOSE LUIS MEDINA FRANCO et al.	Digital Discovery	2025

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7	The workshops on computational applications in secondary metabolite discovery (CAiSMD)	JOSE LUIS MEDINA FRANCO Ntie-Kang F. Eni D.B. et al.	Physical Sciences Reviews	2024
8	The pursuit of accurate predictive models of the bioactivity of small molecules	KARINA MARTINEZ MAYORGA JOSE ANTONIO NEME CASTILLO JOSE LUIS MEDINA FRANCO et al.	CHEMICAL SCIENCE	2024
9	Design and Diversity Analysis of Chemical Libraries in Drug Discovery	JOSE LUIS MEDINA FRANCO Olmedo D.A. Durant-Archibold A.A. et al.	COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING	2024
10	Chemical Multiverse and Diversity of Food Chemicals	DIANA LORENA PRADO ROMERO JOSE LUIS MEDINA FRANCO Avellaneda-Tamayo J.F. et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2024
11	Artificial intelligence-open science symbiosis in chemoinformatics	JOSE LUIS MEDINA FRANCO Miljkovic F.	Artificial Intelligence In The Life Sciences	2024
12	What is the plausibility that all drugs will be designed by computers by the end of the decade?	JOSE LUIS MEDINA FRANCO López-López E.	EXPERT OPINION ON DRUG DISCOVERY	2024
13	Toward structure?multiple activity relationships (SMARts) using computational approaches: A polypharmacological perspective	JOSE LUIS MEDINA FRANCO López-López E.	DRUG DISCOVERY TODAY	2024
14	Food Chemicals and Epigenetic Targets: An Epi Food Chemical Database	JOSE LUIS MEDINA FRANCO K. Euridice Juarez-Mercado Juan F. Avellaneda-Tamayo et al.	Acs Omega	2024
15	A Spanish Chemoinformatics GitBook for Chemical Data Retrieval and Analysis Using Python Programming	FERNANDA ISABEL SALDIVAR GONZALEZ DIANA LORENA PRADO ROMERO JOSE LUIS MEDINA FRANCO et al.	JOURNAL OF CHEMICAL EDUCATION	2024
16	Targeting Leishmania infantum Mannosyl-oligosaccharide glucosidase with natural products: potential pH-dependent inhibition explored through computer-aided drug design	JOSE LUIS MEDINA FRANCO Goyzueta-Mamani L.D. Barazorda-Ccahuana H.L. et al.	FRONTIERS IN PHARMACOLOGY	2024
17	Putative mechanism of a multivitamin treatment against insulin resistance	JOSE LUIS MEDINA FRANCO Jose Antonio Palma-Jacinto Edgar Lopez-Lopez et al.	Adipocyte	2024

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18	Synthesis, biosimulation and pharmacological evaluation of benzimidazole derivatives with antihypertensive multitarget effect	JOSE LUIS MEDINA FRANCO PATRICIA CASTRO MORENO MAXIMILIANO IBARRA BARAJAS et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2024
19	Updating and profiling the natural product-likeness of Latin American compound libraries**	JOSE LUIS MEDINA FRANCO Gómez-García A. Prinz A.-K. et al.	MOLECULAR INFORMATICS	2024
20	De Novo Design of Inhibitors of DNA Methyltransferase 1: A Critical Comparison of Ligand- and Structure-Based Approaches	DIANA LORENA PRADO ROMERO FERNANDA ISABEL SALDIVAR GONZALEZ ENRIQUE GARCIA HERNANDEZ et al.	Biomolecules	2024
21	A critical assessment of bioactive compounds databases	JOSE LUIS MEDINA FRANCO de Azevedo D.Q. Campioni B.M. et al.	FUTURE MEDICINAL CHEMISTRY	2024
22	Editorial: Pharmacoinformatics: new developments and challenges in drug design	JOSE LUIS MEDINA FRANCO David Ramirez Rafael Pelaez et al.	FRONTIERS IN PHARMACOLOGY	2024
23	Neglected Tropical Diseases: A Chemoinformatics Approach for the Use of Biodiversity in Anti-Trypanosomatid Drug Discovery	JOSE LUIS MEDINA FRANCO Marilia Valli Thiago H. Doering et al.	Biomolecules	2024
24	Editorial: Infectious diseases and cancer: convergence and divergence between bacteria, viruses and helminths	LUIS IGNACIO TERRAZAS VALDES JOSE LUIS MEDINA FRANCO Ana Elena Escorcia-Saucedo et al.	Frontiers in Oncology	2024
25	Visualizing and Analyzing the Chemical Space of Natural Product Databases for Drug Discovery	JOSE LUIS MEDINA FRANCO Haruna Luz Barazorda-Ccahuana K. Euridice Juarez-Mercado et al.	JOVE-JOURNAL OF VISUALIZED EXPERIMENTS	2024
26	Chemoinformatic Characterization of NAPROC-13: A Database for Natural Product ¹³C NMR Dereplication	JOSE LUIS MEDINA FRANCO Juan F. Avellaneda-Tamayo Naicolette A. Agudo-Munoz et al.	JOURNAL OF NATURAL PRODUCTS	2024
27	In Silico Identification of Potential Inhibitors of SARS-CoV-2 Main Protease (Mpro)	MANUEL ALEJANDRO HERNANDEZ SERDA VICTOR HUGO VAZQUEZ VALADEZ JOSE LUIS MEDINA FRANCO et al.	Pathogens	2024
28	BIOMX-DB: A web application for the BIOFACQUIM natural product database	JOSE LUIS MEDINA FRANCO Martínez-Urrutia F.	MOLECULAR INFORMATICS	2024
29	Rethinking the 'best method' paradigm: The effectiveness of hybrid and multidisciplinary approaches in chemoinformatics	JOSE LUIS MEDINA FRANCO Rodríguez-Pérez J.R. Cortés-Hernández H.F. et al.	Artificial Intelligence In The Life Sciences	2024

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30	Latin American Natural Product Database (LANaPDB): An Update	JOSE LUIS MEDINA FRANCO Alejandro Gomez-Garcia Daniel A. Acuna Jimenez et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2024
31	Art driven by visual representations of chemical space	Eduardo Lopez Lopez FERNANDA ISABEL SALDIVAR GONZALEZ JOSE LUIS MEDINA FRANCO et al.	JOURNAL OF CHEMINFORMATICS	2023
32	Challenges in natural product-based drug discovery assisted with in silico-based methods	JOSE LUIS MEDINA FRANCO Conrad V. Simoben Smith B. Babiaka et al.	RSC ADVANCES	2023
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34	Mapping the structure-activity landscape of non-canonical peptides with MAP4 fingerprinting	JOSE LUIS MEDINA FRANCO López-López E. Robles O. et al.	Digital Discovery	2023
35	PeruNPDB: the Peruvian Natural Products Database for in silico drug screening	JOSE LUIS MEDINA FRANCO Barazorda-Ccahuana H.L. Ranilla L.G. et al.	SCIENTIFIC REPORTS	2023
36	Exploring activity landscapes with extended similarity: is Tanimoto enough?	Eduardo Lopez Lopez JOSE LUIS MEDINA FRANCO Dunn T.B. et al.	MOLECULAR INFORMATICS	2023
37	Yin-yang in drug discovery: rethinking de novo design and development of predictive models	ANA LUISA CHAVEZ HERNANDEZ JOSE LUIS MEDINA FRANCO López-López E.	Frontiers In Drug Discovery	2023
38	Consensus docking aid to model the activity of an inhibitor of DNA methyltransferase 1 inspired by de novo design	DIANA LORENA PRADO ROMERO FERNANDA ISABEL SALDIVAR GONZALEZ ANA LUISA CHAVEZ HERNANDEZ et al.	Frontiers In Drug Discovery	2023
39	Consensus Virtual Screening Protocol Towards the Identification of Small Molecules Interacting with the Colchicine Binding Site of the Tubulin-microtubule System	JOSE LUIS MEDINA FRANCO López-López E. Cerda-García-Rojas C.M.	MOLECULAR INFORMATICS	2023
40	Towards Decoding Hepatotoxicity of Approved Drugs through Navigation of Multiverse and Consensus Chemical Spaces	JOSE LUIS MEDINA FRANCO López-López E.	Biomolecules	2023
41	Editorial: Computational chemogenomics: In silico tools in pharmacological research and drug discovery	NORBERTO SANCHEZ CRUZ ELI ANTONIO ALONSO FERNANDEZ DE GORTARI JOSE LUIS MEDINA FRANCO	FRONTIERS IN PHARMACOLOGY	2023

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44	Sampling and Mapping Chemical Space with Extended Similarity Indices	Eduardo Lopez Lopez JOSE LUIS MEDINA FRANCO López-Pérez K. et al.	Molecules	2023
45	Natural products subsets: Generation and characterization	JOSE LUIS MEDINA FRANCO Chávez-Hernández A.L.	Artificial Intelligence In The Life Sciences	2023
46	Trends and challenges in chemoinformatics research in Latin America	JOSE LUIS MEDINA FRANCO Miranda-Salas J. Peña-Varas C. et al.	Artificial Intelligence In The Life Sciences	2023
47	Polypharmacological drug design opportunities against Parkinson's disease	CATALINA SORIANO CORREA JOSE LUIS MEDINA FRANCO CAROLINA BARRIENTOS SALCEDO et al.	F1000 Research	2022
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51	Diversity and Chemical Library Networks of Large Data Sets	JOSE LUIS MEDINA FRANCO Timothy B. Dunn Gustavo M. Seabra et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2022
52	Bridging informatics and medicinal inorganic chemistry: Toward a database of metallodrugs and metallodrug candidates	JOSE LUIS MEDINA FRANCO LENA RUIZ AZUARA Edgar Lopez-Lopez et al.	DRUG DISCOVERY TODAY	2022

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54	7-Aminoalkoxy-Quinazolines from Epigenetic Focused Libraries Are Potent and Selective Inhibitors of DNA Methyltransferase 1	JOSE LUIS MEDINA FRANCO Edgar Lopez-Lopez Liliam P. Martinez-Fernandez	Molecules	2022
55	Methyl benzoate and cinnamate analogs as modulators of DNA methylation in hepatocellular carcinoma	JOSE LUIS MEDINA FRANCO Castro-Vazquez D. Sánchez-Carranza J.N. et al.	CHEMICAL BIOLOGY & DRUG DESIGN	2022
56	Yes SIR! On the structure?inactivity relationships in drug discovery	ELI ANTONIO ALONSO FERNANDEZ DE GORTARI JOSE LUIS MEDINA FRANCO López-López E.	DRUG DISCOVERY TODAY	2022
57	Approaches for enhancing the analysis of chemical space for drug discovery	FERNANDA ISABEL SALDIVAR GONZALEZ JOSE LUIS MEDINA FRANCO	EXPERT OPINION ON DRUG DISCOVERY	2022
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61	Potential Anticancer Activity of Pomegranate (Punica granatum L.) Fruits of Different Color: In Vitro and In Silico Evidence	JOSE LUIS MEDINA FRANCO Cortez-Trejo M.C. Olivas-Aguirre F.J. et al.	Biomolecules	2022
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64	Editorial: Insights in silico methods and artificial intelligence for drug discovery: 2022	JOSE LUIS MEDINA FRANCO	Frontiers In Drug Discovery	2022
65	The Essence and Transcendence of Scientific Publishing	JOSE LUIS MEDINA FRANCO López-López E.	Frontiers In Research Metrics And Analytics	2022

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66	Grand Challenges of Computer-Aided Drug Design: The Road Ahead	JOSE LUIS MEDINA FRANCO	Frontiers In Drug Discovery	2021
67	Chemoinformatic Analysis of Isothiocyanates: Their Impact in Nature and Medicine	JOSE LUIS MEDINA FRANCO Araceli Guerrero-Alonso Mayra Antunez-Mojica	MOLECULAR INFORMATICS	2021
68	Towards the De Novo Design of HIV-1 Protease Inhibitors Based on Natural Products	FERNANDA ISABEL SALDIVAR GONZALEZ JOSE LUIS MEDINA FRANCO Chávez-Hernández A.L. et al.	Biomolecules	2021
69	An in silico pipeline for the discovery of multitarget ligands: A case study for epi-polypharmacology based on DNMT1/HDAC2 inhibition	JOSE LUIS MEDINA FRANCO Prieto-Martínez F.D. Fernández-de Gortari E. et al.	Artificial Intelligence In The Life Sciences	2021
70	Expanding the structural diversity of dna methyltransferase inhibitors	JOSE LUIS MEDINA FRANCO Eurídice Juárez-Mercado K. Prieto-Martínez F.D. et al.	Pharmaceuticals	2021
71	DiaNat-DB: A molecular database of antidiabetic compounds from medicinal plants	ABRAHAM MADARIAGA MAZON JOSE DE JESUS NAVEJA ROMERO JOSE LUIS MEDINA FRANCO et al.	RSC ADVANCES	2021
72	Informatics for Chemistry, Biology, and Biomedical Sciences	JOSE LUIS MEDINA FRANCO Edgar Lopez-Lopez Juergen Bajorath	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2021
73	Computational Approaches for the Discovery and Development of Pharmacologically Active Natural Products	JOSE LUIS MEDINA FRANCO	Biomolecules	2021
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75	Epigenetic Target Profiler: A Web Server to Predict Epigenetic Targets of Small Molecules	JOSE LUIS MEDINA FRANCO Norberto Sanchez-Cruz	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2021
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77	The Acid/Base Characterization of Molecules with Epigenetic Activity	JOSE LUIS MEDINA FRANCO Santibáñez-Morán M.G.	Chemmedchem	2021
78	Expanding the Chemical Information Science gateway	JOSE LUIS MEDINA FRANCO	F1000 Research	2021

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79	Rationality over fashion and hype in drug design	JOSE LUIS MEDINA FRANCO KARINA MARTINEZ MAYORGA ELI ANTONIO ALONSO FERNANDEZ DE GORTARI et al.	F1000 Research	2021
80	Extended connectivity interaction features: improving binding affinity prediction through chemical description	JOSE LUIS MEDINA FRANCO Sánchez-Cruz N. Mestres J. et al.	Bioinformatics	2021
81	Epigenetic Target Fishing with Accurate Machine Learning Models	JOSE LUIS MEDINA FRANCO Sánchez-Cruz N.	JOURNAL OF MEDICINAL CHEMISTRY	2021
82	A critical overview of computational approaches employed for COVID-19 drug discovery	JOSE LUIS MEDINA FRANCO Eugene N. Muratov Rommie Amaro et al.	CHEMICAL SOCIETY REVIEWS	2021
83	Computational Applications in Secondary Metabolite Discovery (CAiSMD): an online workshop	JOSE LUIS MEDINA FRANCO Ntie-Kang F. Telukunta K.K. et al.	JOURNAL OF CHEMINFORMATICS	2021
84	Advances in the Exploration of the Epigenetic Relevant Chemical Space	DIANA LORENA PRADO ROMERO JOSE LUIS MEDINA FRANCO	Acs Omega	2021
85	Synthesis of covalent bonding MWCNT-oligoethylene linezolid conjugates and their antibacterial activity against bacterial strains	GABRIEL ALONSO NUÑEZ JOSE LUIS MEDINA FRANCO Alatorre-Barajas J.A. et al.	RSC ADVANCES	2021
86	Dimeric phenalenones from Talaromyces sp. (IQ-313) inhibit hPTP1B1-400: Insights into mechanistic kinetics from in vitro and in silico studies	PATRICIA CANO SANCHEZ MARTIN GONZALEZ ANDRADE JOSE LUIS MEDINA FRANCO et al.	BIOORGANIC CHEMISTRY	2020
87	Consensus virtual screening of dark chemical matter and food chemicals uncover potential inhibitors of SARS-CoV-2 main protease	MARTHA ICSEL PRIETO MARTINEZ JOSE LUIS MEDINA FRANCO Marisa G. Santibanez-Moran et al.	RSC ADVANCES	2020
88	In Silico ADME/Tox Profiling of Natural Products: A Focus on BIOFACQUIM	JOSE LUIS MEDINA FRANCO Noemi Angeles Duran-Iturbide I Diaz-Eufracio	Acs Omega	2020
89	Lessons from exploring chemical space and chemical diversity of propolis components	JOSE LUIS MEDINA FRANCO Tran T.D. Ogbourne S.M. et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2020
90	Consistent Cell-selective Analog Series as Constellation Luminaries in Chemical Space	JOSE LUIS MEDINA FRANCO Naveja J.J.	MOLECULAR INFORMATICS	2020

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91	D-Peptide Builder: A Web Service to Enumerate, Analyze, and Visualize the Chemical Space of Combinatorial Peptide Libraries	OSCAR PALOMINO HERNANDEZ JOSE LUIS MEDINA FRANCO Díaz-Eufracio B.I. et al.	MOLECULAR INFORMATICS	2020
92	In silico tools to study molecular targets of neglected diseases: inhibition of TcSir2rp3, an epigenetic enzyme of Trypanosoma cruzi	CAROLINA BARRIENTOS SALCEDO JOSE LUIS MEDINA FRANCO López-López E. et al.	Advances in Protein Chemistry and Structural Biology	2020
93	Chemical space and diversity of seaweed metabolite database (SWMD): A cheminformatics study	JOSE LUIS MEDINA FRANCO Al Sharie A.H. El-Elimat T. et al.	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2020
94	Editorial: In silico Methods for Drug Design and Discovery	JOSE LUIS MEDINA FRANCO Brogi S. Ramalho T.C. et al.	Frontiers in Chemistry	2020
95	A Fragment Library of Natural Products and its Comparative Chemoinformatic Characterization	JOSE LUIS MEDINA FRANCO Chávez-Hernández A.L. Sánchez-Cruz N.	MOLECULAR INFORMATICS	2020
96	Towards a unified Latin American Natural Products Database: LANaPD	JOSE LUIS MEDINA FRANCO	Future Science OA	2020
97	Current advances on the development of BET inhibitors: insights from computational methods	JOSE LUIS MEDINA FRANCO Prieto-Martínez F.D.	Advances in Protein Chemistry and Structural Biology	2020
98	Chemoinformatics-based enumeration of chemical libraries: a tutorial	FERNANDA ISABEL SALDIVAR GONZALEZ CESAR SEBASTIAN HUERTA GARCIA JOSE LUIS MEDINA FRANCO	JOURNAL OF CHEMINFORMATICS	2020
99	Novel Linezolid analogues with antiparasitic activity against Hymenolepis nana	JOSE LUIS MEDINA FRANCO Alcántar-Zavala E. Hernández-Guevara E. et al.	BIOORGANIC CHEMISTRY	2020
100	Fragment library of natural products and compound databases for drug discovery	JOSE LUIS MEDINA FRANCO Chávez-Hernández A.L. Sánchez-Cruz N.	Biomolecules	2020
101	Cheminformatics to Characterize Pharmacologically Active Natural Products	JOSE LUIS MEDINA FRANCO FERNANDA ISABEL SALDIVAR GONZALEZ	Biomolecules	2020
102	Recent progress on cheminformatics approaches to epigenetic drug discovery	JOSE LUIS MEDINA FRANCO Zoe Sessions Norberto Sanchez-Cruz et al.	DRUG DISCOVERY TODAY	2020

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103	From Qualitative to Quantitative Analysis of Activity and Property Landscapes	JOSE LUIS MEDINA FRANCO Gerald Maggiora Javed Iqbal et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2020
104	Towards the understanding of the activity of G9a inhibitors: an activity landscape and molecular modeling approach	JOSE LUIS MEDINA FRANCO López-López E. Rabal O. et al.	JOURNAL OF COMPUTER-AIDED MOLECULAR DESIGN	2020
105	Computational-aided design of a library of lactams through a diversity-oriented synthesis strategy	FERNANDA ISABEL SALDIVAR GONZALEZ JOSE LUIS MEDINA FRANCO Lenci E. et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2020
106	Metronidazole and secnidazole carbamates: Synthesis, antiprotozoal activity, and molecular dynamics studies	JOSE LUIS MEDINA FRANCO Rocha-Garduño G. Hernández-Martínez N.A. et al.	Molecules	2020
107	The impact of chemoinformatics on drug discovery in the pharmaceutical industry	KARINA MARTINEZ MAYORGA ABRAHAM MADARIAGA MAZON JOSE LUIS MEDINA FRANCO et al.	EXPERT OPINION ON DRUG DISCOVERY	2020
108	Analysis of the Acid/Base Profile of Natural Products from Different Sources	JOSE LUIS MEDINA FRANCO Santibáñez-Morán M.G.	MOLECULAR INFORMATICS	2020
109	Design, synthesis and evaluation of the antibacterial activity of new Linezolid dipeptide-type analogues	JOSE LUIS MEDINA FRANCO García-Olaiz G.D. Alcántar-Zavala E. et al.	BIOORGANIC CHEMISTRY	2020
110	Functional group and diversity analysis of BIOFACQUIM: A Mexican natural product database	BEATRIZ ANGELICA PILON JIMENEZ JOSE LUIS MEDINA FRANCO Sánchez-Cruz N.	F1000 Research	2019
111	Exploration of Target Synergy in Cancer Treatment by Cell-Based Screening Assay and Network Propagation Analysis	JOSE LUIS MEDINA FRANCO J. Jesus Naveja Dagmar Stumpfe et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2019
112	Finding Constellations in Chemical Space Through Core Analysis	JOSE LUIS MEDINA FRANCO J. Jesus Naveja	Frontiers in Chemistry	2019
113	Analysis of the acid/base profile of natural products as starting points of epigenetic drug discovery	BEATRIZ ANGELICA PILON JIMENEZ JOSE LUIS MEDINA FRANCO Marisa Santibanez-Moran et al.	Abstracts Of Papers Of The American Chemical Society	2019
114	Implications of the acid/base profile of food chemicals	JOSE LUIS MEDINA FRANCO Marisa Santibanez-Moran Mariel P. Rico-Hidalgo et al.	Abstracts Of Papers Of The American Chemical Society	2019

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115	Homology modeling of DNMT isoforms: Towards the identification of selective inhibitors in food chemicals	JOSE LUIS MEDINA FRANCO Alejandro Gomez Garcia Byun Hyang-Min et al.	Abstracts Of Papers Of The American Chemical Society	2019
116	IUPAC SMILES plus specification: Proposed community effort to advance interoperability of the SMILES chemical structure representation	JOSE LUIS MEDINA FRANCO Vincent Scalfani Leah McEwen et al.	Abstracts Of Papers Of The American Chemical Society	2019
117	Cheminformatics approaches to study drug polypharmacology	FERNANDA ISABEL SALDIVAR GONZALEZ JOSE LUIS MEDINA FRANCO Naveja J.J. et al.	Methods in Pharmacology and Toxicology	2019
118	Systematic Extraction of Analogue Series from Large Compound Collections Using a New Computational Compound-Core Relationship Method	JOSE LUIS MEDINA FRANCO Naveja J.J. Vogt M. et al.	Acs Omega	2019
119	BIOFACQUIM: A Mexican compound database of natural products	FERNANDA ISABEL SALDIVAR GONZALEZ JOSE LUIS MEDINA FRANCO Pilón-Jiménez B.A. et al.	Biomolecules	2019
120	Synthesis of NSC 106084 and NSC 14778 and evaluation of their DNMT inhibitory activity	JOSE LUIS MEDINA FRANCO Leroy M. Mélin L. et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2019
121	Chemical Space and Diversity of the NuBBE Database: A Chemoinformatic Characterization	FERNANDA ISABEL SALDIVAR GONZALEZ JOSE LUIS MEDINA FRANCO Valli M. et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2019
122	Bicyclic acetals: biological relevance, scaffold analysis, and applications in diversity-oriented synthesis	FERNANDA ISABEL SALDIVAR GONZALEZ JOSE LUIS MEDINA FRANCO Lenci E. et al.	ORGANIC & BIOMOLECULAR CHEMISTRY	2019
123	Quinazolines as inhibitors of chromatin-associated proteins in histones	FRANCISCO HERNANDEZ LUIS JOSE LUIS MEDINA FRANCO Herrera-Vázquez F.S.	MEDICINAL CHEMISTRY RESEARCH	2019
124	DataWarrior: an evaluation of the open-source drug discovery tool	JOSE LUIS MEDINA FRANCO López-López E. Naveja J.J.	EXPERT OPINION ON DRUG DISCOVERY	2019
125	The Acid/Base Profile of a Large Food Chemical Database	JOSE LUIS MEDINA FRANCO Santibáñez-Morán M.G. Rico-Hidalgo M.P. et al.	MOLECULAR INFORMATICS	2019
126	New Approaches for the Discovery of Pharmacologically-Active Natural Compounds	JOSE LUIS MEDINA FRANCO	Biomolecules	2019

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128	Synthesis and antitubercular activity of new N-[5-(4-chlorophenyl)-1,3,4-oxadiazol-2-yl]-(nitroheteroaryl)carboxami des	ROBERTO MARTINEZ RUBEN OMAR TORRES OCHOA JOSE LUIS MEDINA FRANCO et al.	HETEROCYCLIC COMMUNICATIONS	2019
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131	De novo molecular design of DNA methyltransferases inhibitors	JOSE LUIS MEDINA FRANCO David Chavez-Ponce de Leon Norberto Sanchez-Cruz	Abstracts Of Papers Of The American Chemical Society	2019
132	D-Peptide Builder: A web-based application to enumerate the chemical space of peptides	JOSE LUIS MEDINA FRANCO OSCAR PALOMINO HERNANDEZ Barbara Diaz Eufracio et al.	Abstracts Of Papers Of The American Chemical Society	2019
133	BIOFACQUIM: A compound database of natural products from Mexico	BEATRIZ ANGELICA PILON JIMENEZ JOSE LUIS MEDINA FRANCO	Abstracts Of Papers Of The American Chemical Society	2019
134	Computational-aided design of diversity: Chemical libraries based on natural products	FERNANDA ISABEL SALDIVAR GONZALEZ JOSE LUIS MEDINA FRANCO Elena Lenci et al.	Abstracts Of Papers Of The American Chemical Society	2019
135	Activity landscape modeling and molecular dynamics of dual inhibitors of DNMT1 and G9a	JOSE LUIS MEDINA FRANCO Edgar Lopez Fernando D. Prieto-Martinez	Abstracts Of Papers Of The American Chemical Society	2019
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143	Global structure diversity and chemical space of food chemicals	NICOLE NADINE TRUJILLO MINERO JOSE LUIS MEDINA FRANCO	Abstracts Of Papers Of The American Chemical Society	2018
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146	Analysis of a large food chemical database: Chemical space, diversity, and complexity	JOSE LUIS MEDINA FRANCO Naveja J.J. Rico-Hidalgo M.P.	F1000 Research	2018

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162	Pharmacophore models for inhibitors of DNA methyltransferases	FERNANDA ISABEL SALDIVAR GONZALEZ JOSE LUIS MEDINA FRANCO Javier Ruiz-Rios	Abstracts Of Papers Of The American Chemical Society	2018
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165	ChemMaps: Towards an approach for visualizing the chemical space based on adaptive satellite compounds	JOSE LUIS MEDINA FRANCO Naveja J.J.	F1000 Research	2017
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254	CASE Plots for the Chemotype-Based Activity and Selectivity Analysis: A CASE Study of Cyclooxygenase Inhibitors	JOSE LUIS MEDINA FRANCO OSCAR MENDEZ LUCIO RAFAEL CASTILLO BOCANEGRA et al.	CHEMICAL BIOLOGY & DRUG DESIGN	2012

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255	Identifying Activity Cliff Generators of PPAR Ligands Using SAS Maps	OSCAR MENDEZ LUCIO RAFAEL CASTILLO BOCANEGRA JOSE LUIS MEDINA FRANCO et al.	MOLECULAR INFORMATICS	2012
256	Integrating computational and mixture-based screening of combinatorial libraries	JOSE LUIS MEDINA FRANCO Yongye, Austin B. Pinilla, Clemencia et al.	JOURNAL OF MOLECULAR MODELING	2011
257	Antidiabetic activity of some pentacyclic acid triterpenoids, role of PTP-1B: In vitro, in silico, and in vivo approaches	JOSE LUIS MEDINA FRANCO JUAN GABRIEL NAVARRETE VAZQUEZ SAMUEL ENOCH ESTRADA SOTO et al.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2011
258	Multitarget Structure-Activity Relationships Characterized by Activity-Difference Maps and Consensus Similarity Measure	JOSE LUIS MEDINA FRANCO Yongye, Austin B. Perez-Villanueva, Jaime et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2011
259	Increased Diversity of Libraries from Libraries: Chemoinformatic Analysis of Bis-Diazacyclic Libraries	JOSE LUIS MEDINA FRANCO López-Vallejo F. Nefzi A. et al.	CHEMICAL BIOLOGY & DRUG DESIGN	2011
260	Advances in the computational development of DNA methyltransferase inhibitors	JOSE LUIS MEDINA FRANCO Caulfield T.	DRUG DISCOVERY TODAY	2011
261	Integrating virtual screening and combinatorial chemistry for accelerated drug discovery	JOSE LUIS MEDINA FRANCO López-Vallejo F. Caulfield T. et al.	COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING	2011
262	Natural products as DNA methyltransferase inhibitors: A computer-aided discovery approach	JOSE LUIS MEDINA FRANCO López-Vallejo F. Kuck D. et al.	MOLECULAR DIVERSITY	2011
263	Consensus models of activity landscapes with multiple chemical, conformer, and property representations	JOSE LUIS MEDINA FRANCO Yongye A.B. Byler K. et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2011
264	Visualization of molecular fingerprints	JOSE LUIS MEDINA FRANCO Owen J.R. Nabney I.T. et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2011
265	Homology modeling, docking and structure-based pharmacophore of inhibitors of DNA methyltransferase	JOSE LUIS MEDINA FRANCO Yoo J.	JOURNAL OF COMPUTER-AIDED MOLECULAR DESIGN	2011
266	Characterization of a comprehensive flavor database	JOSE LUIS MEDINA FRANCO Martínez-Mayorga K. Peppard T.L. et al.	JOURNAL OF CHEMOMETRICS	2011

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267	Molecular dynamics simulations of human DNA methyltransferase 3B with selective inhibitor nanaomycin A	JOSE LUIS MEDINA FRANCO Caulfield T.	JOURNAL OF STRUCTURAL BIOLOGY	2011
268	Synthesis and biochemical evaluation of d 2-isoxazoline derivatives as DNA methyltransferase 1 inhibitors	JOSE LUIS MEDINA FRANCO Castellano S. Kuck D. et al.	JOURNAL OF MEDICINAL CHEMISTRY	2011
269	Computational methods for the discovery of mood disorder therapies	JOSE LUIS MEDINA FRANCO Lpez-Vallejo F. Peppard T.L. et al.	EXPERT OPINION ON DRUG DISCOVERY	2011
270	Parallel synthesis of novel antitumor agents: 1, 2, 3-triazoles bearing biologically active sulfonamide moiety and their 3D-QSAR	JOSE LUIS MEDINA FRANCO Ou L. Han S. et al.	MOLECULAR DIVERSITY	2011
271	Traceless solid-phase synthesis of N-substituted 3,5-bis(substituted-idene) piperidin-4-one derivatives	JOSE LUIS MEDINA FRANCO Liu Z. Houghten R.A. et al.	TETRAHEDRON LETTERS	2010
272	Nanaomycin A selectively inhibits DNMT3B and reactivates silenced tumor suppressor genes in human cancer cells	JOSE LUIS MEDINA FRANCO Kuck D. Caulfield T. et al.	MOLECULAR CANCER THERAPEUTICS	2010
273	Design, synthesis, and docking of highly hypolipidemic agents: Schizosaccharomyces pombe as a new model for evaluating alpha-asarone-based HMG-CoA reductase inhibitors	JOSE LUIS MEDINA FRANCO Argueelles, Nancy Sanchez-Sandoval, Eugenia et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2010
274	A synthetic combinatorial strategy for developing a-conotoxin analogs as potent a7 nicotinic acetylcholine receptor antagonists	JOSE LUIS MEDINA FRANCO Armishaw C.J. Singh N. et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2010
275	Novel and selective DNA methyltransferase inhibitors: Docking-based virtual screening and experimental evaluation	JOSE LUIS MEDINA FRANCO Kuck D. Singh N. et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2010
276	Chemoinformatics-applications in food chemistry	KARINA MARTINEZ MAYORGA JOSE LUIS MEDINA FRANCO	Advances in Food and Nutrition Research	2009
277	Identification, structure-activity relationships and molecular modeling of potent triamine and piperazine opioid ligands	JOSE LUIS MEDINA FRANCO Yongye A.B. Appel J.R. et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2009

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278	Discovery of a novel protein kinase B inhibitor by structure-based virtual screening	JOSE LUIS MEDINA FRANCO Giulianotti M.A. Yu Y. et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2009
279	Characterization of Activity Landscapes Using 2D and 3D Similarity Methods: Consensus Activity Cliffs	JOSE LUIS MEDINA FRANCO Martinez-Mayorga, Karina Bender, Andreas et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2009
280	Chemoinformatic Analysis of Combinatorial Libraries, Drugs, Natural Products, and Molecular Libraries Small Molecule Repository	JOSE LUIS MEDINA FRANCO Singh, Narender Guha, Rajarshi et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2009
281	Synthesis, in vitro and computational studies of protein tyrosine phosphatase 1B inhibition of a small library of 2-arylsulfonylaminobenzothiazoles with antihyperglycemic activity	JUAN GABRIEL NAVARRETE VAZQUEZ RAFAEL VILLALOBOS MOLINA JOSE LUIS MEDINA FRANCO et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2009
282	How to Recognize and Workaround Pitfalls in QSAR Studies: A Critical Review	JOSE LUIS MEDINA FRANCO Scior, T. Do, Q. -T. et al.	CURRENT MEDICINAL CHEMISTRY	2009
283	Inhibitors of HMG-CoA Reductase: Current and Future Prospects	JOSE LUIS MEDINA FRANCO Singh, Narender Tamariz, Joaquin et al.	MINI-REVIEWS IN MEDICINAL CHEMISTRY	2009
284	Scaffold Diversity Analysis of Compound Daft Sets Using an Entropy-Based Measure	JOSE LUIS MEDINA FRANCO Martinez-Mayorga, Karina Bender, Andreas et al.	QSAR COMB SCI	2009
285	The prince and the pauper. A tale of anticancer targeted agents	ALFONSO DUEÑAS GONZALEZ PATRICIA GARCIA LOPEZ LUIS ALONSO HERRERA MONTALVO et al.	MOLECULAR CANCER	2008
286	Strategies for the use of mixture-based synthetic combinatorial libraries: Scaffold ranking, direct testing in vivo, and enhanced deconvolution by computational methods	JOSE LUIS MEDINA FRANCO Houghten R.A. Pinilla C. et al.	J COMB CHEM	2008
287	Conformation-opioid activity relationships of bicyclic guanidines from 3D similarity analysis	JOSE LUIS MEDINA FRANCO Martínez-Mayorga K. Giulianotti M.A. et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2008
288	Visualization of the chemical space in drug discovery	JOSE LUIS MEDINA FRANCO Martínez-Mayorga K. Giulianotti M.A. et al.	CURRENT COMPUTER-AIDED DRUG DESIGN	2008

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289	Pyridin-2(1H)-ones: A promising class of HIV-1 non-nucleoside reverse transcriptase inhibitors	JOSE LUIS MEDINA FRANCO RAFAEL CASTILLO BOCANEGRA Martínez-Mayorga K. et al.	Chemmedchem	2007
290	Molecular modeling of some 1H-benzimidazole derivatives with biological activity against Entamoeba histolytica: A comparative molecular field analysis study	JOSE LUIS MEDINA FRANCO MARIA ALICIA HERNANDEZ CAMPOS SERGIO RODRIGUEZ MORALES et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2007
291	Single nucleotide polymorphisms in the promoter region of the E-cadherin gene in gastric cancer: Case-control study in a young Mexican population	HERIBERTO MEDINA FRANCO JOSE LUIS MEDINA FRANCO Medina A.R.-D.L. et al.	ANNALS OF SURGICAL ONCOLOGY	2007
292	Large compound databases for structure-activity relationships studies in drug discovery	JOSE LUIS MEDINA FRANCO Scior T. Bernard P. et al.	MINI-REVIEWS IN MEDICINAL CHEMISTRY	2007
293	A similarity-based data-fusion approach to the visual characterization and comparison of compound databases	JOSE LUIS MEDINA FRANCO Maggiora G.M. Giulianotti M.A. et al.	CHEMICAL BIOLOGY & DRUG DESIGN	2007
294	Hierarchical strategy for identifying active chemotype classes in compound databases	JOSE LUIS MEDINA FRANCO Petit J. Maggiora G.M.	CHEMICAL BIOLOGY & DRUG DESIGN	2006
295	Quantitative structure-activity relationship analysis of pyridinone HIV-1 reverse transcriptase inhibitors using the k nearest neighbor method and QSAR-based database mining	JOSE LUIS MEDINA FRANCO RAFAEL CASTILLO BOCANEGRA Golbraikh A. et al.	JOURNAL OF COMPUTER-AIDED MOLECULAR DESIGN	2005
296	New fragmentation processes of pyridin-2(1H)-ones upon electron impact ionization [1]	JOSE LUIS MEDINA FRANCO MARIA ALICIA HERNANDEZ CAMPOS GEORGINA ARTEMISA DUARTE LISCI et al.	RAPID COMMUNICATIONS IN MASS SPECTROMETRY	2005
297	Molecular docking of the highly hypolipidemic agent a-asarone with the catalytic portion of HMG-CoA reductase	JOSE LUIS MEDINA FRANCO SERGIO RODRIGUEZ MORALES RAFAEL CASTILLO BOCANEGRA et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2005
298	Flexible docking of pyridinone derivatives into the non-nucleoside inhibitor binding site of HIV-1 reverse transcriptase	JOSE LUIS MEDINA FRANCO SERGIO RODRIGUEZ MORALES MARIA ALICIA HERNANDEZ CAMPOS et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2004
299	The conformational behavior of novel glycosidase inhibitors with substituted azepan structures: An NMR and modeling study	JOSE LUIS MEDINA FRANCO Martínez-Mayorga K. Mari S. et al.	EUROPEAN JOURNAL OF ORGANIC CHEMISTRY	2004

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300	Docking-based CoMFA and CoMSIA studies of non-nucleoside reverse transcriptase inhibitors of the pyridinone derivative type	JOSE LUIS MEDINA FRANCO SERGIO RODRIGUEZ MORALES MARIA ALICIA HERNANDEZ CAMPOS et al.	JOURNAL OF COMPUTER-AIDED MOLECULAR DESIGN	2004

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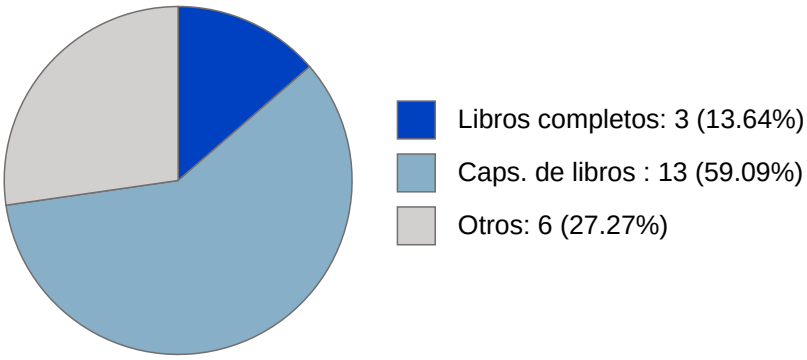
LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Visualization, Exploration, and Screening of Chemical Space in Drug Discovery	JOSE DE JESUS NAVEJA ROMERO FERNANDA ISABEL SALDIVAR GONZALEZ DIANA LORENA PRADO ROMERO et al.	Capítulo de un Libro	2024	9783527840748
2	Discovery and development of lead compounds from natural sources using computational approaches	JOSE LUIS MEDINA FRANCO Flores-Padilla E.A. Chávez-Hernández A.L.	Capítulo de un Libro	2022	9780323855426
3	Chemoinformatics approaches to assess chemical diversity and complexity of small molecules	FERNANDA ISABEL SALDIVAR GONZALEZ JOSE LUIS MEDINA FRANCO A Trabocchi et al.	Article	2020	9780128183496
4	Computational Drug Design Methods?Current and Future Perspectives	JOSE LUIS MEDINA FRANCO Prieto-Martínez F.D. López-López E. et al.	Capítulo de un Libro	2019	9780128161258
5	Chemoinformatics in Food Science	OSCAR MENDEZ LUCIO KARINA MARTINEZ MAYORGA JOSE LUIS MEDINA FRANCO et al.	Article	2018	9783527806522

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6	Polypharmacology in Drug Discovery	OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO Naveja J.J. et al.	Capítulo de un Libro	2017	9783527674381
7	Manual de Quimioinformática	FERNANDA ISABEL SALDIVAR GONZALEZ FRANCISCO HERNANDEZ LUIS JOSE LUIS MEDINA FRANCO	Libro Completo	2017	9786070292200
8	Quantitative Structure-Epigenetic Activity Relationships	JOSE LUIS MEDINA FRANCO Mario Omar Garcia-Sanchez Maykel Cruz-Monteagudo et al.	Article	2017	9783319568508
9	Epi-Informatics: Discovery and Development of Small Molecule Epigenetic Drugs and Probes	JOSE LUIS MEDINA FRANCO	Libro Completo	2016	9780128028094
10	Introduction of Epigenetic Targets in Drug Discovery and Current Status of Epi-Drugs and Epi-Probes	ALFONSO DUEÑAS GONZALEZ JOSE LUIS MEDINA FRANCO Jesús Naveja J.	Capítulo de un Libro	2016	9780128028094
11	Preface	JOSE LUIS MEDINA FRANCO	Editorial Material	2016	9780128028094
12	Drug Repurposing for Epigenetic Targets Guided by Computational Methods	ALFONSO DUEÑAS GONZALEZ JOSE LUIS MEDINA FRANCO Jesús Naveja J.	Capítulo de un Libro	2016	9780128028094
13	The Road Ahead of the Epi-Informatics Field	JOSE LUIS MEDINA FRANCO Yoo J.	Capítulo de un Libro	2016	9780128028094
14	Epi-Informatics Discovery and Development of Small Molecule Epigenetic Drugs and Probes Preface	JOSE LUIS MEDINA FRANCO JOSE LUIS MEDINA FRANCO	Editorial Material	2016	9780128028087
15	Epi-Informatics Discovery and Development of Small Molecule Epigenetic Drugs and Probes Preface	JOSE LUIS MEDINA FRANCO JOSE LUIS MEDINA FRANCO	Editorial Material	2016	9780128028087
16	Discovery and Development of Lead Compounds from Natural Sources Using Computational Approaches	JOSE LUIS MEDINA FRANCO	Capítulo de un Libro	2015	9780128009963
17	DNA Methyltransferase Inhibitors for Cancer Therapy	JOSE LUIS MEDINA FRANCO ALFONSO DUEÑAS GONZALEZ Yoo J.	Capítulo de un Libro	2015	9780128013274

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18	Software and online resources: Perspectives and potential applications	KARINA MARTINEZ MAYORGA JOSE LUIS MEDINA FRANCO Peppard T.L.	Capítulo de un Libro	2014	9783319102269
19	Chemoinformatics analysis and structural similarity studies of food-related databases	KARINA MARTINEZ MAYORGA JOSE LUIS MEDINA FRANCO Peppard T.L. et al.	Capítulo de un Libro	2014	9783319102269
20	Foodinformatics: Applications of chemical information to food chemistry	JOSE LUIS MEDINA FRANCO Martinez-Mayorga K.	Libro Completo	2014	9783319102269
21	Molecular similarity analysis	JOSE LUIS MEDINA FRANCO Maggiora, G.M.	Capítulo de un Libro	2013	9781118742785
22	A rough set theory approach to the analysis of gene expression profiles	JOSE LUIS MEDINA FRANCO Petit J. Meurice N. et al.	Capítulo de un Libro	2013	9781118742785

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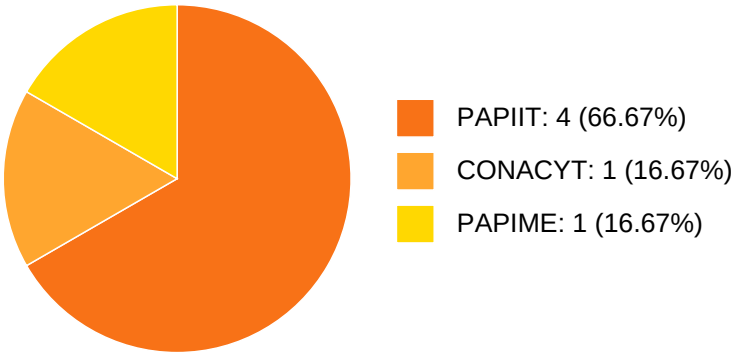
PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Enseñanza quimionformatica en el curso de Química Farmaceutica	JOSE LUIS MEDINA FRANCO	Recursos PAPIME	01-01-2018	30-12-2018
2	Desarrollo de una suite computacional para la navegación de espacios quimiogenómicos epigenéticos	JOSE LUIS MEDINA FRANCO	Recursos PAPIIT	01-01-2018	31-12-2019
3	Caracterización quimioinformática y reconocimiento molecular de inhibidores de DNA metiltransferasas.	JOSE LUIS MEDINA FRANCO	Recursos CONACYT	23-03-2018	20-07-2022
4	Identificación de inhibidores de DNA metiltransferasas de origen natural y de quimiotecas enfocadas	JOSE LUIS MEDINA FRANCO	Recursos PAPIIT	01-01-2021	31-12-2023
5	Descubrimiento y validación preclínica de fármacos anti-SARS-CoV-2	MARCO ANTONIO VELASCO VELAZQUEZ JOSE LUIS MEDINA FRANCO	Recursos PAPIIT	01-01-2021	31-12-2023

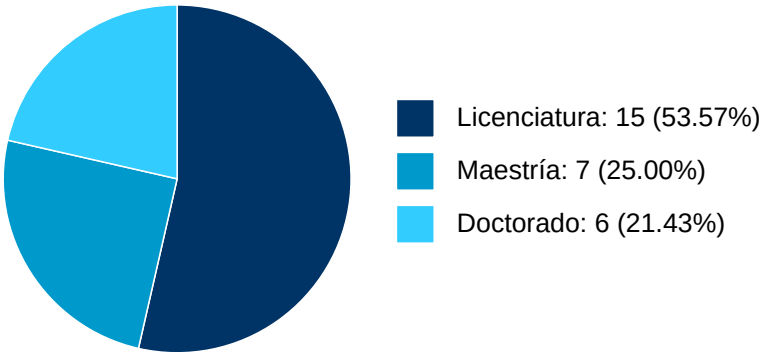
JOSE LUIS MEDINA FRANCO

6	Desarrollo de modelos estadísticos para caracterizar e identificar productos naturales con actividad antidiabética	KARINA MARTINEZ MAYORGA JOSE LUIS MEDINA FRANCO	Recursos PAPIIT	01-01-2024	31-12-2026

JOSE LUIS MEDINA FRANCO

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Estudio cuantitativo de relaciones estructura actividad de sustancias químicas alimentarias	Tesis de Maestría	JOSE LUIS MEDINA FRANCO,	Juárez Mercado, Karina Euridice,	Facultad de Química,	2024
2	Representaciones visuales de espacios y multiversos químicos para la divulgación de conocimiento científico y expresión artística	Tesis de Licenciatura	ANA LUISA CHAVEZ HERNANDEZ,	JOSE LUIS MEDINA FRANCO, Gaytán Hernández, Daniela,	Facultad de Química,	2024
3	Moduladores de dianas epigenéticas para el tratamiento y/o prevención de múltiples enfermedades	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Villegas Quintero, Hassan,	Facultad de Química,	2023
4	Identificación de moduladores de DNA metiltransferasas de quimiotecas enfocadas	Tesis de Maestría	JOSE LUIS MEDINA FRANCO,	Martínez Fernández, Liliam Parvati,	Facultad de Química,	2023
5	Implementación de una suite computacional para el análisis quimioinformático y diseño de fármacos.	Tesis de Doctorado	JOSE LUIS MEDINA FRANCO,	Díaz Eufracio, Bárbara Itzel,	Facultad de Química,	2023

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6	Epi-informática en la selección de productos naturales como inhibidores potenciales de metiltransferasas de ADN	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Salazar Valencia, Jocelyn,	Facultad de Química,	2022
7	Adopción de innovaciones extranjeras en México	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Tamariz Sanmiguel, Aracelia,	Facultad de Química,	2022
8	Quimioinformática para el estudio de compuestos organometálicos en el desarrollo y descubrimiento de fármacos	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Cruz Lemus, Yesenia,	Facultad de Química,	2021
9	Selección asistida por computadora de posibles fármacos para el tratamiento de COVID-19	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Juárez Mercado, Karina Eurídice,	Facultad de Química,	2021
10	Estudio de modelado molecular y cribado virtual sobre bromodominios BRD4 y BRDT	Tesis de Doctorado	JOSE LUIS MEDINA FRANCO,	Prieto Martínez, Fernando Daniel,	Facultad de Química,	2021
11	Suite computacional para la navegación de espacios quimiogenómicos	Tesis de Doctorado	JOSE LUIS MEDINA FRANCO,	Sánchez Cruz, Norberto,	Facultad de Química,	2021
12	Perfil ADME/Tox de productos naturales de México en BIOFACQUIM	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Durán Iturbide, Noemí Ángeles,	Facultad de Química,	2020
13	Estudio in silico de metiltransferasa de ácido desoxirribonucleico : modelado por homología e identificación de potenciales inhibidores	Tesis de Maestría	JOSE LUIS MEDINA FRANCO,	Gómez García, Alejandro,	Facultad de Química,	2020
14	Minería de datos biológicos de dianas epigenéticas para el desarrollo de compuestos polifarmacológicos y combinaciones de fármacos	Tesis de Doctorado	JOSE LUIS MEDINA FRANCO,	Naveja Romero, José de Jesús,	Facultad de Química,	2019

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15	Diseño molecular de novo de inhibidores de DNA metiltransferasas asistido por computadora	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Chávez Ponce de León, David Erick,	Facultad de Química,	2019
16	Productos naturales como recurso para el cribado virtual e identificación de compuestos bioactivos	Tesis de Maestría	JOSE LUIS MEDINA FRANCO,	Saldívar González, Fernanda Isabel,	Facultad de Química,	2019
17	Enfoques computacionales para la identificación de productos naturales como inhibidores de dianas epigenéticas	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Pilón Jiménez, Beatriz Angélica,	Facultad de Química,	2019
18	Minería de datos biológicos de dianas epigenéticas para el desarrollo de compuestos polifarmacológicos y combinaciones de fármacos	Tesis de Doctorado	JOSE LUIS MEDINA FRANCO,	Naveja Romero, José de Jesús,	Facultad de Química,	2019
19	Diseño computacional de moduladores de DNMT-3B	Tesis de Maestría	JOSE LUIS MEDINA FRANCO,	Palomino Hernández, Oscar,	Facultad de Química,	2018
20	Diversidad y distribución en el espacio químico de péptidos para el desarrollo de fármacos	Tesis de Maestría	JOSE LUIS MEDINA FRANCO,	Díaz Eufracio, Barbara Itzel,	Facultad de Química,	2018
21	Avances en la aplicación de estrategias de reposicionamiento de fármacos, en la búsqueda de tratamientos alternativos para la enfermedad de chagas	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Rojas Alcántar, Sharon Dayan,	Facultad de Química,	2018
22	Avances en los estudios de relación estructura-actividad cuantitativa de compuestos con relevancia epigenética	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	García Sánchez, Mario Omar,	Facultad de Química,	2017

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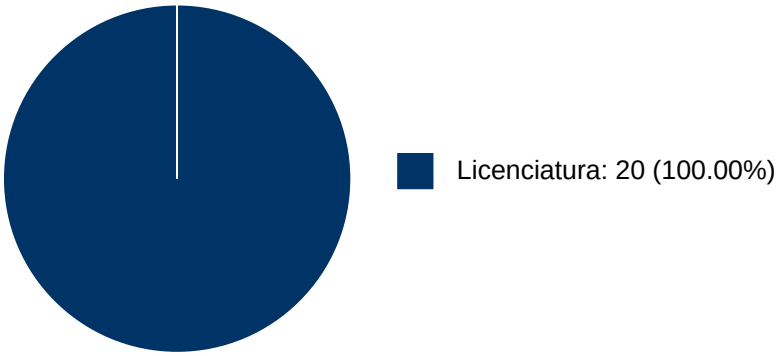
23	Manual de quimioinformática para el diseño de fármacos : aplicaciones al estudio de relaciones estructura-múltiple actividad (REMA)	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Saldívar González, Fernanda Isabel,	Facultad de Química,	2017
24	Topología molecular aplicada al desarrollo de fármacos	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Mora Cerecero, Juan Jacobo,	Facultad de Química,	2017
25	Estudios de acoplamiento molecular y quimioinformática de compuestos derivados de piridinona como potenciales inhibidores de transcriptasa reversa de VIH	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Vite Caritino, Hugo,	Facultad de Química,	2017
26	Hacia la identificación sistemática de compuestos bioactivos a partir de productos naturales con cribado virtual	Tesis de Licenciatura	JOSE LUIS MEDINA FRANCO,	Chew Morales, José de Jesús,	Facultad de Química,	2017
27	Estudio de modelado molecular y quimioinformática de moduladores de blancos terapéuticos epigenéticos	Tesis de Maestría	JOSE LUIS MEDINA FRANCO,	Prieto Martínez, Fernando Daniel,	Facultad de Química,	2016
28	Caracterización de la diversidad molecular, cobertura del espacio químico y reconocimiento molecular de inhibidores de DNA metiltransferasas	Tesis de Doctorado	JOSE LUIS MEDINA FRANCO,	Fernández de Gortari, Eli Antonio Alonso,	Facultad de Química,	2016

JOSE LUIS MEDINA FRANCO

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	INTRODUCCION A LA QUIMIOINFORMATICA	Facultad de Química	13	2024-2
2	Licenciatura	INTRODUCCION A LA QUIMIOINFORMATICA	Facultad de Química	11	2024-1
3	Licenciatura	INTRODUCCION A LA QUIMIOINFORMATICA	Facultad de Química	32	2023-2
4	Licenciatura	INTRODUCCION A LA QUIMIOINFORMATICA	Facultad de Química	8	2023-2
5	Licenciatura	INTRODUCCION A LA QUIMIOINFORMATICA	Facultad de Química	26	2023-1
6	Licenciatura	INTRODUCCION A LA QUIMIOINFORMATICA	Facultad de Química	15	2023-1
7	Licenciatura	INTRODUCCION A LA QUIMIOINFORMATICA	Facultad de Química	35	2022-2
8	Licenciatura	INTRODUCCION A LA QUIMIOINFORMATICA	Facultad de Química	31	2022-1
9	Licenciatura	INTRODUCCION A LA QUIMIOINFORMATICA	Facultad de Química	74	2021-2
10	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	8	2020-1
11	Licenciatura	SEMINARIO II	Facultad de Química	16	2020-1
12	Licenciatura	SEMINARIO II	Facultad de Química	12	2019-2
13	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	14	2019-1
14	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	20	2018-2
15	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	11	2018-1
16	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	25	2017-2
17	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	5	2017-1
18	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	5	2016-2
19	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	6	2016-1
20	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	8	2015-2

JOSE LUIS MEDINA FRANCO

PATENTES

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

JOSE LUIS MEDINA FRANCO

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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

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