



OSCAR MENDEZ LUCIO

Datos Generales

Nombre: OSCAR MENDEZ LUCIO

Máximo nivel de estudios: MAESTRÍA

Antigüedad académica en la UNAM: 1 año

Nombramientos

Último: AYUDANTE PROFESOR A TP No Definitivo
Facultad de Química
Desde 16-09-2010 hasta 15-10-2010

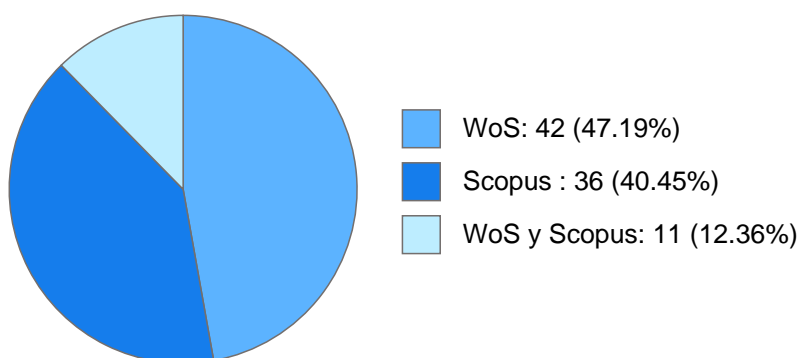
Estímulos, programas, premios y reconocimientos

SNI I 2017 - 2019

OSCAR MENDEZ LUCIO

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Chemoinformatics and artificial intelligence colloquium: progress and challenges in developing bioactive compounds	ELI ANTONIO ALONSO FERNANDEZ DE GORTARI OSCAR MENDEZ LUCIO FERNANDA ISABEL SALDIVAR GONZALEZ et al.	JOURNAL OF CHEMINFORMATICS	2022
2	A geometric deep learning approach to predict binding conformations of bioactive molecules	OSCAR MENDEZ LUCIO Ahmad M. del Rio-Chanona E.A. et al.	Nature Machine Intelligence	2021
3	Exploring the Use of Compound-Induced Transcriptomic Data Generated From Cell Lines to Predict Compound Activity Toward Molecular Targets	OSCAR MENDEZ LUCIO Baillif B. Wichard J. et al.	Frontiers in Chemistry	2020
4	De novo generation of hit-like molecules from gene expression signatures using artificial intelligence	OSCAR MENDEZ LUCIO Baillif B. Clevert D.-A. et al.	NATURE COMMUNICATIONS	2020
5	Lysine harvesting is an antioxidant strategy and triggers underground polyamine metabolism	OSCAR MENDEZ LUCIO Olin-Sandoval V. Yu J.S.L. et al.	Nature	2019
6	Data-driven approaches used for compound library design, hit triage and bioactivity modeling in high-throughput screening	OSCAR MENDEZ LUCIO Shardul Paricharak Aakash Chavan Ravindranath et al.	BRIEFINGS IN BIOINFORMATICS	2018

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7	Activity landscape plotter: An open web-based server to assess structure activity relationships	OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO Mariana Gonzalez-Medina	Abstracts Of Papers Of The American Chemical Society	2017
8	Diversity selection, screening and quantitative structure-activity relationships of osmolyte-like additive effects on the thermal stability of a monoclonal antibody	OSCAR MENDEZ LUCIO Oyetayo O.-O. Bender A. et al.	EUROPEAN JOURNAL OF PHARMACEUTIC AL SCIENCES	2017
9	The many roles of molecular complexity in drug discovery	OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO	DRUG DISCOVERY TODAY	2017
10	Activity Landscape Plotter: A Web-Based Application for the Analysis of Structure-Activity Relationships	OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO Gonzalez-Medina, Mariana	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2017
11	Towards understanding polyol additive effects on the pH shift-induced aggregation of a monoclonal antibody using high throughput screening and quantitative structure-activity modeling	OSCAR MENDEZ LUCIO Oyetayo O.-O. Bender A. et al.	INTERNATIONAL JOURNAL OF PHARMACEUTIC S	2017
12	ARWAR: A network approach for predicting Adverse Drug Reactions	OSCAR MENDEZ LUCIO Rahmani H. Weiss G. et al.	COMPUTERS IN BIOLOGY AND MEDICINE	2016
13	Advances in the development of pyridinone derivatives as non-nucleoside reverse transcriptase inhibitors	OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO Vite-Caritino, Hugo et al.	RSC ADVANCES	2016
14	Statistical correlation of nonconservative substitutions of HIV gp41 variable amino acid residues with the R5X4 HIV-1 phenotype	CARLOS VILLARREAL LUJAN ADONIS GERMINAL COCHO GIL JOSE LUIS MEDINA FRANCO et al.	VIROLOGY JOURNAL	2016
15	Review. One Drug for Multiple Targets: A Computational Perspective	OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO Jesus Naveja, J. et al.	Journal Of The Mexican Chemical Society	2016
16	A chemical space odyssey of inhibitors of histone deacetylases and bromodomains	ELI ANTONIO ALONSO FERNANDEZ DE GORTARI OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO et al.	RSC ADVANCES	2016

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17	Analyzing multitarget activity landscapes using protein-ligand interaction fingerprints: Interaction cliffs	OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO Kooistra, Albert J. et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2015
18	Discovery and development of DNA methyltransferase inhibitors using in silico approaches This paper is dedicated to the memory of Dr Eugene Athanas Bratoeff Titeff honoring his many contributions to drug discovery.	JOSE LUIS MEDINA FRANCO OSCAR MENDEZ LUCIO ALFONSO DUEÑAS GONZALEZ et al.	DRUG DISCOVERY TODAY	2015
19	Activity cliffs and activity cliff generators based on chemotype-related activity landscapes	OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO PerezVillanueva, Jaime et al.	MOLECULAR DIVERSITY	2015
20	Activity and property landscape modeling is at the interface of chemoinformatics and medicinal chemistry	JOSE LUIS MEDINA FRANCO JUAN GABRIEL NAVARRETE VAZQUEZ OSCAR MENDEZ LUCIO	FUTURE MEDICINAL CHEMISTRY	2015
21	Polypharmacology modelling using proteochemometrics (PCM): Recent methodological developments, applications to target families, and future prospects	OSCAR MENDEZ LUCIO Cortés-Ciriano I. Ain Q.U. et al.	Medchemcom m	2015
22	Modelling ligand selectivity of serine proteases using integrative proteochemometric approaches improves model performance and allows the multi-target dependent interpretation of features	OSCAR MENDEZ LUCIO Ain Q.U. Ciriano I.C. et al.	INTEGR BIOL-UK	2014
23	Toward drug repurposing in epigenetics: Olsalazine as a hypomethylating compound active in a cellular context	OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO Tran, Jeremy et al.	Chemmedche m	2014
24	Drug repurposing and epigenetics: Olsalazine is a hypomethylating compound active in a cellular context	JOSE LUIS MEDINA FRANCO OSCAR MENDEZ LUCIO Petit, Joachim et al.	Abstracts Of Papers Of The American Chemical Society	2014
25	Cyclic systems distribution along similarity measures: Insights for an application to activity landscape modeling	OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO Perez-Villanueva, Jaime et al.	MOLECULAR INFORMATICS	2013

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26	Towards the identification of the binding site of benzimidazoles to β -tubulin of <i>Trichinella spiralis</i> : Insights from computational and experimental data	RODRIGO AGUAYO ORTIZ OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO et al.	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2013
27	Synthesis and antiprotozoal activity of novel 2- $\{[2-(1H-imidazol-1-yl)ethyl]sulfanyl\}$ -1H-benzimidazole derivatives	JAIME PEREZ VILLANUEVA MARIA ALICIA HERNANDEZ CAMPOS CARLOS ALBERTO MENDEZ CUESTA et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2013
28	Two-step radical reactions that switch low multiplicity channels leading to the carbene and carbyne species detected for Ru(5F) + CH 4-nFn (n = 2-4) interactions under matrix isolation conditions	ANA ELIZABETH TORRES HERNANDEZ OSCAR MENDEZ LUCIO FERNANDO COLMENARES LANDIN	RSC ADVANCES	2013
29	Activity landscape analysis, CoMFA and CoMSIA studies of pyrazole CBI antagonists	EDUARDO HERNANDEZ VAZQUEZ OSCAR MENDEZ LUCIO FRANCISCO HERNANDEZ LUIS	MEDICINAL CHEMISTRY RESEARCH	2013
30	Molecular basis for benzimidazole resistance from a novel β -tubulin binding site model	RODRIGO AGUAYO ORTIZ OSCAR MENDEZ LUCIO RUBEN ANTONIO ROMO MANCILLAS et al.	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2013
31	Activity landscape modeling of PPAR ligands with dual-activity difference maps	OSCAR MENDEZ LUCIO RAFAEL CASTILLO BOCANEGRA JOSE LUIS MEDINA FRANCO et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2012
32	Computational study on the inhibition mechanism of cruzain by nitrile-containing molecules	OSCAR MENDEZ LUCIO RUBEN ANTONIO ROMO MANCILLAS JOSE LUIS MEDINA FRANCO et al.	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2012
33	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
34	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
35	Homology modeling, docking and molecular dynamics of the <i>Leishmania mexicana</i> arginase: A description of the catalytic site useful for drug design	CARLOS ALBERTO MENDEZ CUESTA OSCAR MENDEZ LUCIO RAFAEL CASTILLO BOCANEGRA	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2012
36	Activity landscape modeling of PPAR ligands with dual-activity difference maps	OSCAR MENDEZ LUCIO RAFAEL CASTILLO BOCANEGRA JOSE LUIS MEDINA FRANCO et al.	Abstracts Of Papers Of The American Chemical Society	2012

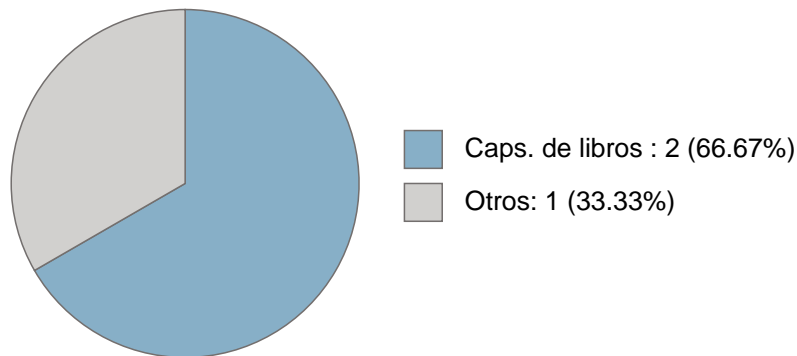
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37	Design, synthesis, and antihyperglycemic activity of potent 1,5-diarilpyrazole derivatives	EDUARDO HERNANDEZ VAZQUEZ OSCAR MENDEZ LUCIO FRANCISCO HERNANDEZ LUIS et al.	Abstracts Of Papers Of The American Chemical Society	2012
38	Computational study of a possible binding site of benzimidazoles to β -tubulin of <i>Trichinella spiralis</i>	RODRIGO AGUAYO ORTIZ OSCAR MENDEZ LUCIO FRANCISCO HERNANDEZ LUIS et al.	Abstracts Of Papers Of The American Chemical Society	2012
39	Computational study on the inhibition of cruzain by purine-carbonitriles	OSCAR MENDEZ LUCIO RUBEN ANTONIO ROMO MANCILLAS RAFAEL CASTILLO BOCANEGRA et al.	Abstracts Of Papers Of The American Chemical Society	2012
40	3D-QSAR studies on purine-carbonitriles as cruzain inhibitors: comparative molecular field analysis (CoMFA) and comparative molecular similarity indices analysis (CoMSIA)	OSCAR MENDEZ LUCIO RUBEN ANTONIO ROMO MANCILLAS RAFAEL CASTILLO BOCANEGRA et al.	Medchemcom m	2011
41	Theoretical Study of the Reactions $M^+ + CH_3F$ ($M=Ge, As, Se, Sb$)	OSCAR MENDEZ LUCIO FERNANDO COLMENARES LANDIN	Chemphysche m	2010
42	Theoretical study on the oxidative addition of methyl fluoride to Ru^+	E. Bernabe OSCAR MENDEZ LUCIO FERNANDO COLMENARES LANDIN	CHEMICAL PHYSICS LETTERS	2009

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Chemoinformatics in Food Science	OSCAR MENDEZ LUCIO KARINA MARTINEZ MAYORGA JOSE LUIS MEDINA FRANCO et al.	Article	2018	9783527806522
2	Polypharmacology in Drug Discovery	OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO Naveja J.J. et al.	Capítulo de un Libro	2017	9783527674381
3	Computational Structure-Activity Relationship Studies of Epigenetic Target Inhibitors	OSCAR MENDEZ LUCIO	Capítulo de un Libro	2016	9780128028094



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Reporte individual



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PATENTES

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

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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	2008-2024
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