



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
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Reporte individual



MARIA ALICIA HERNANDEZ CAMPOS

Datos Generales

Nombre: MARIA ALICIA HERNANDEZ CAMPOS

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 39 años

Nombramientos

Vigente: TECNICO ACADEMICO TITULAR B TC Definitivo
Facultad de Química
Desde 01-02-2018
Desde 01-02-2018 PROFESOR ASIGNATURA A Definitivo
Facultad de Química
Desde 01-02-2018

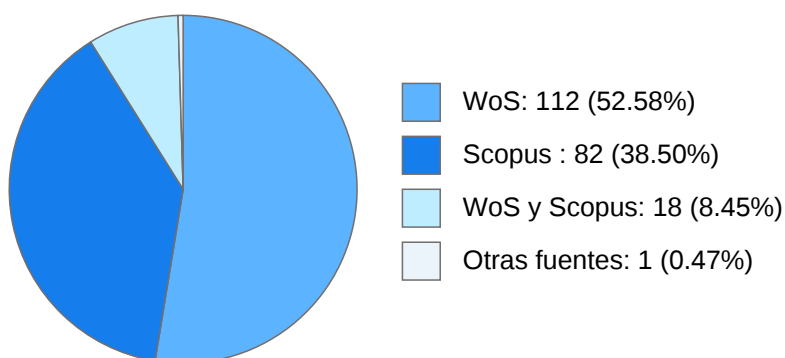
Estímulos, programas, premios y reconocimientos

SNI I 2021 - VIGENTE
SNI II 2017 - 2020
SNI I - 2016
PRIDE D - 2024

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Fosfatriclaben, a prodrug of triclabendazole: Preparation, stability, and fasciolicidal activity of three new intramuscular formulations	GERARDO LEYVA GOMEZ TANIA OLIVIA ROJAS CAMPOS IRENE CRUZ MENDOZA et al.	VETERINARY PARASITOLOGY	2024
2	Inhibition of Shikimate Kinase from Methicillin-Resistant Staphylococcus aureus by Benzimidazole Derivatives. Kinetic, Computational, Toxicological, and Biological Activity Studies	MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA Rios-Soto L. et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2024
3	Preparation of N-heterylarenes from the perspective of phenylhydrazine-based green chemistry	JOSE GUILLERMO PENIERES CARRILLO MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	Current Chemistry Letters	2024
4	Fosfatriclaben: Effective dose determination and comparative efficacy assessment with closantel, triclabendazole+ivermectin, triclabendazole+albendazole in artificially infected cattle	OSVALDO FROYLAN IBARRA VELARDE MIGUEL ANGEL FLORES RAMOS IRENE CRUZ MENDOZA et al.	EXPERIMENTAL PARASITOLOGY	2024

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5	Garbage in, garbage out: how reliable training data improved a virtual screening approach against SARS-CoV-2 MPro	CESAR SEBASTIAN HUERTA GARCIA RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	FRONTIERS IN PHARMACOLOGY	2023
6	Structure-Based Optimization of Carbendazim-Derived Tubulin Polymerization Inhibitors through Alchemical Free Energy Calculations	ARIANA ROMERO VELASQUEZ MIGUEL ANGEL FLORES RAMOS MARCO ANTONIO CERBON CERVANTES et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2023
7	Praziquanamine enantiomers: Crystal structure, Hirshfeld surface analysis, and quantum chemical studies	ALBERTO CEDILLO CRUZ MARIA ISABEL AGUILAR LAURENTS PEDRO JOSUE TREJO SOTO et al.	JOURNAL OF MOLECULAR STRUCTURE	2023
8	Structure-Activity Relationship of N-Phenylthieno[2,3-b]pyridine-2-carboxamide Derivatives Designed as Forkhead Box M1 Inhibitors: The Effect of Electron-Withdrawing and Donating Substituents on the Phenyl Ring	CESAR SEBASTIAN HUERTA GARCIA RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	Pharmaceutica Is	2022
9	Computational Methods in Cooperation with Experimental Approaches to Design Protein Tyrosine Phosphatase 1B Inhibitors in Type 2 Diabetes Drug Design: A Review of the Achievements of This Century	MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA ERICK SIERRA CAMPOS et al.	Pharmaceutica Is	2022
10	Design, Synthesis and Anticandidal Evaluation of Indazole and Pyrazole Derivatives	MARIA ALICIA HERNANDEZ CAMPOS JUAN FRANCISCO CORTES BENITEZ Rodríguez-Villar K. et al.	Pharmaceutica Is	2021
11	Effectiveness of an experimental injectable prodrug formulation against Fasciola hepatica of different ages in experimentally infected sheep	TANIA OLIVIA ROJAS CAMPOS OSVALDO FROYLAN IBARRA VELARDE REMEDIOS YOLANDA VERA MONTENEGRO et al.	VETERINARY PARASITOLOGY	2021
12	Design, synthesis, kinetic, molecular dynamics, and hypoglycemic effect characterization of new and potential selective benzimidazole derivatives as Protein Tyrosine Phosphatase 1B inhibitors	MIGUEL ANGEL FLORES RAMOS MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2021
13	Benzimidazole Derivatives as New and Selective Inhibitors of Arginase from Leishmania mexicana with Biological Activity against Promastigotes and Amastigotes	MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA JESUS ANTONIO ORIA HERNANDEZ et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2021

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14	Partial inhibition of the tricarboxylic acid cycle in <i>Taenia crassiceps</i> cysticerci after the in vitro exposure to a benzimidazole derivative (RCB15)	RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS JAVIER ROLANDO AMBROSIO HERNANDEZ et al.	ACTA TROPICA	2020
15	Characterisation of the in vitro activity of a Nitazoxanide-N-methyl-1H-benzimidazole hybrid molecule against albendazole and nitazoxanide susceptible and resistant strains of <i>Giardia intestinalis</i> and its in vivo giardicidal activity	RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS Matadamas-Martínez F. et al.	Memorias Do Instituto Oswaldo Cruz	2020
16	Efficiency comparison of experimental fosfatriclaben with three commercial fasciolicides in experimentally infected sheep	ROSA ARIAS GARCIA REMEDIOS YOLANDA VERA MONTENEGRO MIGUEL ANGEL FLORES RAMOS et al.	PARASITOLOGY RESEARCH	2020
17	Design through computer-aided approach and synthesis of new benzimidazole derivatives as inhibitors of protein tyrosine phosphatase 1B	MARIA ALICIA HERNANDEZ CAMPOS ERICK SIERRA CAMPOS Mara Ibeth Campos Almazan et al.	Abstracts Of Papers Of The American Chemical Society	2019
18	Synthesis and trypanocidal activity of new N-(1H-benzimidazole-2-yl)benzenesulfonamides	MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA Cesar Huerta Garcia et al.	Abstracts Of Papers Of The American Chemical Society	2019
19	Synthesis of new FDI-6 derivatives as inhibitors and radiotracers of FOXM1	MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA Cesar Huerta Garcia et al.	Abstracts Of Papers Of The American Chemical Society	2019
20	Synthesis and in vitro anticancer evaluation of novel 2,4,6-trisubstituted pyridines designed as AKT inhibitors	MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA Jorge Miguel	Abstracts Of Papers Of The American Chemical Society	2019
21	Design and synthesis of trisubstituted pyridines as AKT inhibitors	DIANA LORENA PRADO ROMERO MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA	Abstracts Of Papers Of The American Chemical Society	2019

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22	Design, synthesis and biological evaluation of new anti-Candida agents	MARIA ALICIA HERNANDEZ CAMPOS JUAN FRANCISCO PALACIOS ESPINOSA JUAN FRANCISCO CORTES BENITEZ et al.	Abstracts Of Papers Of The American Chemical Society	2019
23	In silico hit optimization toward AKT inhibition: fragment-based approach, molecular docking and molecular dynamics study	MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA Eduardo Sanabria-Chanaga E. et al.	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2019
24	Leishmania mexicana Trypanothione Reductase Inhibitors: Computational and Biological Studies	MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA Matadamas-Martínez F. et al.	Molecules	2019
25	Effects of the Protonation State of Titratable Residues and the Presence of Water Molecules on Nocodazole Binding to β -Tubulin	RODRIGO AGUAYO ORTIZ RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	Chemmedche m	2018
26	Assessment of the effective dose of an experimental intramuscular formulation against immature and adult Fasciola hepatica in sheep	OSVALDO FROYLAN IBARRA VELARDE REMEDIOS YOLANDA VERA MONTENEGRO MIGUEL ANGEL FLORES RAMOS et al.	VETERINARY PARASITOLOGY	2018
27	In search of AKT kinase inhibitors as anticancer agents: structure-based design, docking, and molecular dynamics studies of 2,4,6-trisubstituted pyridines	PEDRO JOSUE TREJO SOTO MARIA ALICIA HERNANDEZ CAMPOS JOSE LUIS MEDINA FRANCO et al.	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2018
28	In vitro activity of new N-benzyl-1H-benzimidazol-2-amine derivatives against cutaneous, mucocutaneous and visceral Leishmania species	MARIA ALICIA HERNANDEZ CAMPOS ARMANDO MALDONADO RANGEL PEDRO JOSUE TREJO SOTO et al.	EXPERIMENTAL PARASITOLOGY	2018
29	Structural characterization, biochemical, inhibition and computational studies of Entamoeba histolytica phosphoglycerate mutase: finding hits for a new antiamoebic drug	RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS HUGO NAJERA PEÑA et al.	MEDICINAL CHEMISTRY RESEARCH	2018
30	Inhibition of arginase from Leishmania mexicana by benzimidazole derivatives	RUBEN ANTONIO ROMO MANCILLAS MARIA ALICIA HERNANDEZ CAMPOS Irene Betancourt et al.	Abstracts Of Papers Of The American Chemical Society	2017

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31	Synthesis and solubility determination of a highly water soluble phosphonooxymethyl prodrug	RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS HELGI HELENE GISELA FRANZISKA JUNG COOK et al.	Abstracts Of Papers Of The American Chemical Society	2017
32	Structural characterization, homology modelling and virtual screening studies in shikimate kinase from methicillin resistant <i>Staphylococcus aureus</i>	MARIA ALICIA HERNANDEZ CAMPOS Alejandro Favela Alfredo Tellez-Valencia et al.	Abstracts Of Papers Of The American Chemical Society	2017
33	Synthesis of 2,4,6-trisubstituted pyridines using palladium-catalyzed cross-coupling reactions and in vitro anticancer evaluation	MARIA ALICIA HERNANDEZ CAMPOS PEDRO JOSUE TREJO SOTO JAIME PEREZ VILLANUEVA et al.	Abstracts Of Papers Of The American Chemical Society	2017
34	First steps in hit-to-lead optimization towards AKT inhibition	RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS Elkin Sanabria-Chanaga	Abstracts Of Papers Of The American Chemical Society	2017
35	Finding hits for designing new antidiabetic drugs. Inhibition of protein tyrosine phosphatase IB	PEDRO JOSUE TREJO SOTO MARIA ALICIA HERNANDEZ CAMPOS Marie Sarabia-Sanchez et al.	Abstracts Of Papers Of The American Chemical Society	2017
36	In search of AKT inhibitors as anticancer agents, an in silico approach	PEDRO JOSUE TREJO SOTO MARIA ALICIA HERNANDEZ CAMPOS RUBEN ANTONIO ROMO MANCILLAS et al.	Abstracts Of Papers Of The American Chemical Society	2017
37	A benzimidazole derivative (RCB20) in vitro induces an activation of energetic pathways on <i>Taenia crassiceps</i> (ORF strain) cysticerci	OLIVIA ALICIA REYNOSO DUCOING JAVIER ROLANDO AMBROSIO HERNANDEZ MARIA ALICIA HERNANDEZ CAMPOS et al.	EXPERIMENTAL PARASITOLOGY	2017
38	Novel triclabendazole prodrug: A highly water soluble alternative for the treatment of fasciolosis	MIGUEL ANGEL FLORES RAMOS OSVALDO FROYLAN IBARRA VELARDE HELGI HELENE GISELA FRANZISKA JUNG COOK et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2017

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39	Synthesis, antiprotozoal activity, and chemoinformatic analysis of 2-(methylthio)-1H-benzimidazole-5-carboxamide derivatives: Identification of new selective giardicidal and trichomonocidal compounds	JOSE MIGUEL VELAZQUEZ LOPEZ RODRIGO AGUAYO ORTIZ MARIA ALICIA HERNANDEZ CAMPOS et al.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2017
40	Insights into the Giardia intestinalis enolase and human plasminogen interaction	RODRIGO AGUAYO ORTIZ MARIA ALICIA HERNANDEZ CAMPOS Meza-Cervantez, P. et al.	MOLECULAR BIOSYSTEMS	2017
41	Species-specific inactivation of triosephosphate isomerase from trypanosoma brucei: Kinetic and molecular dynamics studies	PEDRO JOSUE TREJO SOTO RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	Molecules	2017
42	Curcumin alters the cytoskeleton and microtubule organization on trophozoites of Giardia lamblia	RODRIGO AGUAYO ORTIZ MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	ACTA TROPICA	2017
43	Structure-based approaches for the design of benzimidazole-2-carbamate derivatives as tubulin polymerization inhibitors	RODRIGO AGUAYO ORTIZ RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	CHEMICAL BIOLOGY & DRUG DESIGN	2017
44	Inhibition of phosphoglycerate mutase from Entamoeba histolytica by benzimidazole derivatives	MARIA ALICIA HERNANDEZ CAMPOS Artemisa Luevano-De la Cruz Eduardo Sanabria-Chanaga et al.	Abstracts Of Papers Of The American Chemical Society	2016
45	Finding hits for designing new antidiabetic drugs. Inhibition of protein tyrosine phosphatase 1B	PEDRO JOSUE TREJO SOTO MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	Abstracts Of Papers Of The American Chemical Society	2016
46	Insights into the structure and inhibition of Giardia intestinalis arginine deiminase: homology modeling, docking, and molecular dynamics studies	RODRIGO AGUAYO ORTIZ MARIA ALICIA HERNANDEZ CAMPOS JOSE LUIS MEDINA FRANCO et al.	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2016
47	Simplifying Nucleophilic Aromatic Substitutions: Microwave-Assisted Solvent Free Synthesis of 5-Alkylamino-2-nitroanilines	PEDRO JOSUE TREJO SOTO RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	Current Microwave Chemistry	2016
48	Alternative energy production pathways in Taenia crassiceps cysticerci in vitro exposed to a benzimidazole derivative (RCB20)	OLIVIA ALICIA REYNOSO DUCOING JAVIER ROLANDO AMBROSIO HERNANDEZ MARIA ALICIA HERNANDEZ CAMPOS et al.	Parasitology	2016

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49	Proteomic and ultrastructural analysis of the effect of a new nitazoxanide-N-methyl-1H-benzimidazole hybrid against <i>Giardia intestinalis</i>	RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS CARLOS ALBERTO MENDEZ CUESTA et al.	RESEARCH IN VETERINARY SCIENCE	2016
50	Synthesis and trypanocidal activity of novel benzimidazole derivatives	JOSE MIGUEL VELAZQUEZ LOPEZ MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2016
51	Chemoinformatics analysis of natural products databases: Toward the identification of tubulin polymerization inhibitors	RODRIGO AGUAYO ORTIZ RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	Abstracts Of Papers Of The American Chemical Society	2015
52	Highly water-soluble benzimidazole derivatives useful for the treatment of fasciolosis	RAFAEL CASTILLO BOCANEGRA MIGUEL ANGEL FLORES RAMOS OSVALDO FROYLAN IBARRA VELARDE et al.	Abstracts Of Papers Of The American Chemical Society	2015
53	Synthesis, antiprotozoal activity, and structure-activity relationships of novel 1-methyl-2-(methylthio)-1H-benzimidazole-5-carboxamide derivatives: Identification of new selectivity compounds	RODRIGO AGUAYO ORTIZ RAFAEL CASTILLO BOCANEGRA PEDRO JOSUE TREJO SOTO et al.	Abstracts Of Papers Of The American Chemical Society	2015
54	Synthesis and tripanocidal activity of novel substituted N-(1H-benzimidazole-2-yl)-1H-benzimidazole carboxamides	MARIA ALICIA HERNANDEZ CAMPOS PEDRO JOSUE TREJO SOTO RAFAEL CASTILLO BOCANEGRA et al.	Abstracts Of Papers Of The American Chemical Society	2015
55	Structure-based design of 2,4,6-trisubstituted pyridines as AKT-2 inhibitors	MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA Elkin Sanabria-Chanaga	Abstracts Of Papers Of The American Chemical Society	2015
56	Synthesis of 2,4,6-trisubstituted pyridines using palladium-catalyzed cross-coupling reaction	PEDRO JOSUE TREJO SOTO MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA	Abstracts Of Papers Of The American Chemical Society	2015
57	JVG9, A benzimidazole derivative, Alters the surface and cytoskeleton of <i>Trypanosoma cruzi</i> bloodstream trypomastigotes	DYLAN LUCIA DIAZ CHIGUER FRANCISCO HERNANDEZ LUIS OLIVIA ALICIA REYNOSO DUCOING et al.	Memorias Do Instituto Oswaldo Cruz	2014

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58	Chemoinformatic characterization of activity and selectivity switches of antiprotozoal compounds	RODRIGO AGUAYO ORTIZ MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	FUTURE MEDICINAL CHEMISTRY	2014
59	A highly water soluble benzimidazole derivative useful for the treatment of fasciolosis	MIGUEL ANGEL FLORES RAMOS OSVALDO FROYLAN IBARRA VELARDE MARIA ALICIA HERNANDEZ CAMPOS et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2014
60	Activity landscape modeling of AKT/PKB inhibitors	Pedro J. Trejo Soto Rodrigo Aguayo Ortiz MARIA ALICIA HERNANDEZ CAMPOS et al.	Abstracts Of Papers Of The American Chemical Society	2014
61	Homology modeling of Giardia intestinalis arginine deiminase: Insights into its structure and inhibition	Pedro J. Trejo Soto RODRIGO AGUAYO ORTIZ MARIA ALICIA HERNANDEZ CAMPOS et al.	Abstracts Of Papers Of The American Chemical Society	2014
62	5-Chloro-2-methylsulfanyl-6-(naphthalen-1-yloxy)-1H-benzimidazole methanol monosolvate	MIGUEL ANGEL FLORES RAMOS RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE	2014
63	Towards the identification of the binding site of benzimidazoles to β -tubulin of Trichinella spiralis: Insights from computational and experimental data	RODRIGO AGUAYO ORTIZ OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO et al.	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2013
64	RCB20, an experimental benzimidazole derivative, affects tubulin expression and induces gross anatomical changes in Taenia crassiceps cysticerci	Adrian Marquez Navarro America Perez Reyes ARMANDO ZEPEDA RODRIGUEZ et al.	PARASITOLOGY RESEARCH	2013
65	Analysis of the effect of a 2-(trifluoromethyl)-1H-benzimidazole derivative on Trichinella spiralis muscle larvae	MARIA ALICIA HERNANDEZ CAMPOS FRANCISCO HERNANDEZ LUIS RAFAEL CASTILLO BOCANEGRA et al.	VETERINARY PARASITOLOGY	2013
66	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
67	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

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68	Synthesis and antiprotozoal activity of nitazoxanide-N-methylbenzimidazole hybrids	Olivia Soria Arteché MARIA ALICIA HERNANDEZ CAMPOS PEDRO JOSUE TREJO SOTO et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2013
69	In vitro and in vivo trypanocidal activity of some benzimidazole derivatives against two strains of Trypanosoma cruzi	JAIME PEREZ VILLANUEVA MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	ACTA TROPICA	2012
70	Exploring the interplay of physicochemical properties, membrane permeability and giardicidal activity of some benzimidazole derivatives	Carlos Hernandez Covarrubias MIGUEL ANGEL VILCHIS REYES Remedios Sanchez Diaz et al.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2012
71	Impact of compound alpha treatment in vivo on egg production by the liver fluke, Fasciola hepatica	RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS McConville, M. et al.	VETERINARY PARASITOLOGY	2012
72	Computational study of a possible binding site of benzimidazoles to b-tubulin of Trichinella spiralis	RODRIGO AGUAYO ORTIZ OSCAR MENDEZ LUCIO FRANCISCO HERNANDEZ LUIS et al.	Abstracts Of Papers Of The American Chemical Society	2012
73	Synthesis and in vitro antiprotozoal activity of novel 1,2-disubstituted-1H-benzimidazole derivatives	RAFAEL CASTILLO BOCANEGRA CARLOS ALBERTO MENDEZ CUESTA MARIA ALICIA HERNANDEZ CAMPOS et al.	Abstracts Of Papers Of The American Chemical Society	2012
74	Inhibition studies of triosephosphate isomerase by novel substituted benzimidazole carboxamides	Pedro Trejo Soto RUBEN ANTONIO ROMO MANCILLAS MARIA ALICIA HERNANDEZ CAMPOS et al.	Abstracts Of Papers Of The American Chemical Society	2012
75	Synthesis and in vitro antiprotozoal activity of novel substituted benzimidazole carboxamides	MARIA ALICIA HERNANDEZ CAMPOS Zulema Vargas Osorio Denise Reyes Garcia et al.	Abstracts Of Papers Of The American Chemical Society	2012
76	Synthesis and antiprotozoal activity of some 2-{[2-(1H-imidazol-1-yl)ethyl]sulfanyl}-1H-benzimidazole derivatives	CARLOS ALBERTO MENDEZ CUESTA MARIA ALICIA HERNANDEZ CAMPOS FRANCISCO HERNANDEZ LUIS et al.	Abstracts Of Papers Of The American Chemical Society	2012

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77	The design and inhibitory profile of new benzimidazole derivatives against triosephosphate isomerase from <i>Trypanosoma cruzi</i> : A problem of residue motility	RUBEN ANTONIO ROMO MANCILLAS FRANCISCO HERNANDEZ LUIS MARIA ALICIA HERNANDEZ CAMPOS et al.	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2011
78	Antiprotozoal activity of proton-pump inhibitors	JAIME PEREZ VILLANUEVA RUBEN ANTONIO ROMO MANCILLAS MARIA ALICIA HERNANDEZ CAMPOS et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2011
79	Structure-activity relationships of benzimidazole derivatives as antiparasitic agents: Dual activity-difference (DAD) maps	JAIME PEREZ VILLANUEVA MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	Medchemcom m	2011
80	Studies on 6-chloro-5-(1-naphthyloxy)-2-(trifluoromethyl)-1H-benzimidazole/2-hydroxypropyl-beta-cyclodextrin association: Characterization, molecular modeling studies, and in vi	YARELI ROJAS AGUIRRE IVAN CASTILLO PEREZ MARIA ALICIA HERNANDEZ CAMPOS et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2011
81	Antiprotozoal activity landscape of benzimidazole derivatives: Dual activity-similarity maps	Jaime Perez Villanueva Radleigh Santos MARIA ALICIA HERNANDEZ CAMPOS et al.	Abstracts Of Papers Of The American Chemical Society	2011
82	Comparative molecular field analysis (CoMFA) and comparative molecular similarity indices analysis (CoMSIA) of some benzimidazole derivatives with trichomonocidal activity	JAIME PEREZ VILLANUEVA MARIA ALICIA HERNANDEZ CAMPOS FRANCISCO HERNANDEZ LUIS et al.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2011
83	FORMATION OF CYCLODEXTRIN INCLUSION COMPLEXES WITH A BENZIMIDAZOLE DERIVATIVE: THEIR CHARACTERIZATION AND IN VITRO-IN VIVO TRYPANOCIDAL ACTIVITY	YARELI ROJAS AGUIRRE MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE	2010
84	<i>Fasciola hepatica</i> : disruption of spermatogenesis by the fasciolicide compound alpha	RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS McConville, Maeve et al.	PARASITOLOGY RESEARCH	2010
85	Synthesis and biological activity of 2-(trifluoromethyl)-1H-benzimidazole derivatives against some protozoa and <i>Trichinella spiralis</i>	FRANCISCO HERNANDEZ LUIS MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2010

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86	Docking of protein kinase B inhibitors: implications in the structure-based optimization of a novel scaffold	MARIA ALICIA HERNANDEZ CAMPOS Israel Velazquez Martinez RAFAEL CASTILLO BOCANEGRA et al.	CHEMICAL BIOLOGY & DRUG DESIGN	2010
87	Towards a systematic characterization of the antiprotozoal activity landscape of benzimidazole derivatives	JAIME PEREZ VILLANUEVA MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2010
88	Structure-based discovery and optimization of a novel protein kinase B (AKT) inhibitor	Fabian Lopez Vallejo MARIA ALICIA HERNANDEZ CAMPOS Israel Velazquez Martinez et al.	Abstracts Of Papers Of The American Chemical Society	2010
89	Design, synthesis, and biological activity of novel hybrids of benzimidazole and 5-nitrofurfural hydrazone	Israel Velazquez Martinez M. En C. Francisco Hernandez Luis RAFAEL CASTILLO BOCANEGRA et al.	Abstracts Of Papers Of The American Chemical Society	2010
90	Synthesis and antiprotozoal activity of novel 1-methylbenzimidazole derivatives	David Valdez Padilla SERGIO RODRIGUEZ MORALES MARIA ALICIA HERNANDEZ CAMPOS et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2009
91	Anthelmintic activity of benzimidazole derivatives against Toxocara canis second-stage larvae and Hymenolepis nana adults	MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA SERGIO RODRIGUEZ MORALES et al.	ACTA TROPICA	2009
92	Pharmacokinetic behavior in sheep and cattle of 5-chloro-2-(methylthio)-6-(1-naphthyl)-1H-benzimidazole, a new fasciolicide agent	MARIA DE LOURDES BEATRIZ MAYET CRUZ LAURO MISAEL DEL RIVERO RAMIREZ OSVALDO FROYLAN IBARRA VELARDE et al.	JOURNAL OF VETERINARY PHARMACOLOGY AND THERAPEUTICS	2009
93	Synthesis and in vitro cysticidal activity of new benzimidazole derivatives	Francisca Palomares Alonso HELGI HELENE GISELA FRANZISKA JUNG COOK JAIME PEREZ VILLANUEVA et al.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2009
94	An evaluation of the efficacy of compound alpha and triclabendazole against two isolates of Fasciola hepatica	RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS McConville, M et al.	VETERINARY PARASITOLOGY	2009
95	Ultrastructural changes to the tegumental system and the gastrodermal cells in adult Fasciola hepatica following in vivo treatment with the experimental fasciolicide, compound a	RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS McConville, M et al.	Parasitology	2009
96	Paramphistomicidal efficacy of an experimental compound in sheep	P. M. Reyes V. F. Ibarra M. Y. Vera et al.	PARASITOLOGY RESEARCH	2008

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97	Immature triclabendazole-resistant Fasciola hepatica: Tegumental responses to in vitro treatment with the sulphoxide metabolite of the experimental fasciolicide compound alpha	RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS OSVALDO FROYLAN IBARRA VELARDE et al.	PARASITOLOGY RESEARCH	2007
98	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
99	Biopharmaceutic evaluation of novel anthelmintic (1H-benzimidazol-5(6)-yl)carboxamide derivatives	MARIA ALICIA HERNANDEZ CAMPOS RAFAEL MORENO ESPARZA RAFAEL CASTILLO BOCANEGRA et al.	INTERNATIONAL JOURNAL OF PHARMACEUTICS	2007
100	Determination of the maximum tolerated dose and the safety index of an experimental fasciolicide in cattle	REMEDIOS YOLANDA VERA MONTENEGRO OSVALDO FROYLAN IBARRA VELARDE RAFAEL CASTILLO BOCANEGRA et al.	J VET MED B	2006
101	Adult triclabendazole-resistant Fasciola hepatica: Surface and subsurface tegumental responses to in vitro treatment with the sulphoxide metabolite of the experimental fasciolicide compound alpha	RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS OSVALDO FROYLAN IBARRA VELARDE et al.	Parasitology	2006
102	Synthesis and antiprotozoal activity of some 2-(trifluoromethyl)-1H-benzimidazole bioisosteres	JUAN GABRIEL NAVARRETE VAZQUEZ MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2006
103	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
104	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
105	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
106	Synthesis and antiparasitic activity of Albendazole and Mebendazole analogues	JUAN GABRIEL NAVARRETE VAZQUEZ MARIA ALICIA HERNANDEZ CAMPOS FRANCISCO HERNANDEZ LUIS et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2003

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107	An improved method for the synthesis of 3-amino-1H-quinolin-2-one	MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA Juárez-Gordiano C.	SYNTHETIC COMMUNICATIONS	2002
108	Synthesis and fasciolicidal activity of 5-chloro-2-methylthio-6-(1-naphthyloxy)-1H-benzimidazole	MARIA ALICIA HERNANDEZ CAMPOS OSVALDO FROYLAN IBARRA VELARDE REMEDIOS YOLANDA VERA MONTENEGRO et al.	CHEMICAL & PHARMACEUTICAL BULLETIN	2002
109	Synthesis and antiparasitic activity of 1H-benzimidazole derivatives	MARIA ALICIA HERNANDEZ CAMPOS FRANCISCO HERNANDEZ LUIS JUAN GABRIEL NAVARRETE VAZQUEZ et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2002
110	Synthesis and hydrolytic stability studies of albendazole carrier prodrugs	FRANCISCO HERNANDEZ LUIS MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2001
111	Synthesis and antiparasitic activity of 2-(Trifluoromethyl)benzimidazole derivatives	JUAN GABRIEL NAVARRETE VAZQUEZ MARIA ALICIA HERNANDEZ CAMPOS FRANCISCO HERNANDEZ LUIS et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2001
112	Evaluation of albendazole prodrugs in experimental trichinellosis	FRANCISCO HERNANDEZ LUIS RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	Archives Of Medical Research	1999
113	High-performance liquid chromatographic assay for a new fasciolicide agent, aBIOF10, in biological fluids	LAURO MISAEL DEL RIVERO RAMIREZ RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	Journal Of Chromatography B: Biomedical Applications	1998
114	Preparation of N-methoxycarbonyl-N'-[2-nitro-4(5)-propyl-thiophenyl]thiourea as prodrugs of albendazole	FRANCISCO HERNANDEZ LUIS RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	1996
115	Fasciolinip-1: Experimental fasciolicide efficacy in sheep [FASCIOLINIP-1: EFICACIA FASCIOLICIDA EXPERIMENTAL EN OVINOS]	OSVALDO FROYLAN IBARRA VELARDE REMEDIOS YOLANDA VERA MONTENEGRO MARIA ALICIA HERNANDEZ CAMPOS et al.	Revista Latinoamericana de Microbiología	1995



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LIBROS Y CAPITULOS CON ISBN

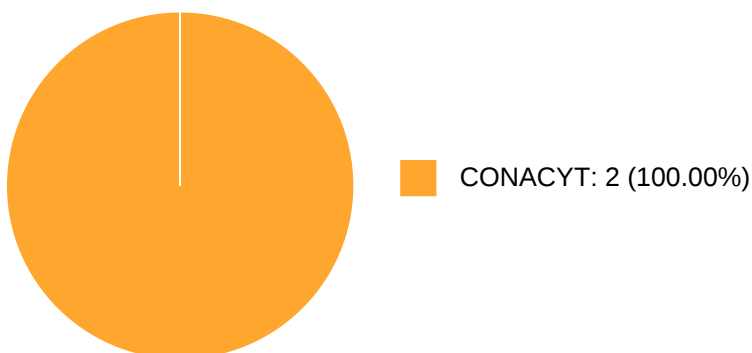
No se encuentran registros en la base de datos de Humanindex asociados a:

MARIA ALICIA HERNANDEZ CAMPOS

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

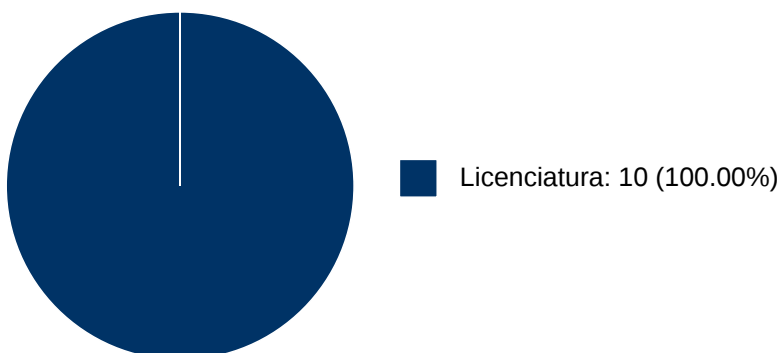


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Síntesis y evaluación anticancerígena de piridinas 2,4,6 trisustituidas	MARIA ALICIA HERNANDEZ CAMPOS	Recursos CONACYT	18-07-2016	01-07-2019
2	Síntesis y evaluación anticancerígena de piridinas 2,4,6 trisustituidas.	MARIA ALICIA HERNANDEZ CAMPOS	Recursos CONACYT	25-08-2016	26-06-2020

MARIA ALICIA HERNANDEZ CAMPOS

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Evaluación de la citotoxicidad de derivados de piridinas 2,4,6-trisustituídas en líneas celulares de cáncer	Tesis de Licenciatura	DIEGO GONZALEZ SANCHEZ,	MARIA ALICIA HERNANDEZ CAMPOS, Aurelio Navarro, Viridiana,	Escuela Nacional Colegio de Ciencias y Humanidades "Naucalpan", Escuela Nacional Colegio de Ciencias y Humanidades "Vallejo", Facultad de Química,	2018
2	Diseño de piridinas 2,4,6-trisustituídas como anticancerígenos inhibidores de la AKT cinasa y estudio sobre su síntesis	Tesis de Licenciatura	MARIA ALICIA HERNANDEZ CAMPOS,	Prado Romero, Diana Lorena,	Facultad de Química,	2018

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3	Síntesis y evaluación de la actividad antiprotozoaria de nuevas carboxamidas 1h-bencimidazólicas, derivadas del 6-cloro-2-metiltio-1h-bencimidazol-5-carboxamida	Tesis de Licenciatura	MARIA ALICIA HERNANDEZ CAMPOS,	Zavala Salgado, José Luis,	Facultad de Química,	2016
4	Diseño por acoplamiento molecular, síntesis y evaluación de derivados de bencimidazol como inhibidores de la enzima PTP1B	Tesis de Licenciatura	MARIA ALICIA HERNANDEZ CAMPOS,	Carvente García, Carlos Alexis,	Facultad de Química,	2016
5	Síntesis de profármacos hidrosolubles de bencimidazoles antiparasitarios	Tesis de Licenciatura	MARIA ALICIA HERNANDEZ CAMPOS,	Victoria Miguel, Jorge,	Facultad de Química,	2016
6	Síntesis y evaluación antiprotozoaria de compuestos híbridos de 2-mercaptobencimidazole s y acetil benzoxazinona	Tesis de Licenciatura	MARIA ALICIA HERNANDEZ CAMPOS,	González Becerra, Nayeli Itzel,	Facultad de Química,	2015
7	Síntesis y evaluación in silico de nuevos carbamatos bencimidazólicos como inhibidores de la polimerización de la β -tubulina	Tesis de Licenciatura	MIGUEL ANGEL FLORES RAMOS,	MARIA ALICIA HERNANDEZ CAMPOS, Cano Gonzalez, Lucia,	Facultad de Ciencias, Facultad de Química,	2015
8	Síntesis de carboxamidas bencimidazólicas y su evaluación sobre la enzima triosafosfato isomerasa de trypanosoma brucei y trypanosoma cruzi	Tesis de Licenciatura	MARIA ALICIA HERNANDEZ CAMPOS,	Flores Carrillo, Paulina,	Facultad de Química,	2013
9	Estudio computacional de un modelo del posible sitio de unión de bencimidazoles a la b-tubulina de helmintos y protozoarios	Tesis de Licenciatura	MARIA ALICIA HERNANDEZ CAMPOS,	Aguayo Ortiz, Rodrigo,	Facultad de Química,	2012



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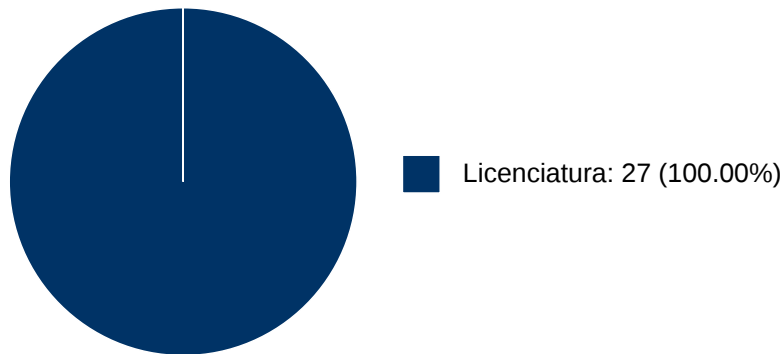
MARIA ALICIA HERNANDEZ CAMPOS

10	Síntesis de una carboxamida bencimidazólica diseñada por docking como posible agente inactivante de la triosa fosfato isomerasa (TIM) de Entamoeba histolytica	Tesis de Licenciatura	MARIA ALICIA HERNANDEZ CAMPOS,	Vargas Osorio, Zulema,	Facultad de Química,	2009
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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	52	2024-2
2	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	60	2024-1
3	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	57	2023-2
4	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	57	2023-1
5	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	55	2021-1
6	Licenciatura	QUIMICA ORGANICA II	Facultad de Química	42	2020-2
7	Licenciatura	QUIMICA ORGANICA II	Facultad de Química	54	2019-2
8	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	50	2019-1
9	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	27	2018-1
10	Licenciatura	QUIMICA ORGANICA II	Facultad de Química	15	2017-2
11	Licenciatura	QUIMICA ORGANICA II	Facultad de Química	40	2016-2
12	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	42	2016-1
13	Licenciatura	QUIMICA ORGANICA II	Facultad de Química	44	2015-2
14	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	55	2015-1
15	Licenciatura	QUIMICA ORGANICA II	Facultad de Química	44	2013-2
16	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	27	2013-1
17	Licenciatura	QUIMICA ORGANICA II	Facultad de Química	66	2012-2
18	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	43	2012-1
19	Licenciatura	QUIMICA ORGANICA II	Facultad de Química	48	2011-2
20	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	46	2011-1
21	Licenciatura	QUIMICA ORGANICA II	Facultad de Química	56	2010-2
22	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	42	2010-1
23	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	23	2009-2
24	Licenciatura	QUIMICA ORGANICA II	Facultad de Química	42	2009-1



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25	Licenciatura	QUIMICA ORGANICA I	Facultad de Química	1	2008-2
26	Licenciatura	QUIMICA ORGANICA I	Facultad de Química	44	2008-2
27	Licenciatura	QUIMICA ORGANICA III	Facultad de Química	44	2008-1



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PATENTES

#	Título	Inventores	Sección	Año
1	NUEVOS COMPUESTOS HIDROSOLUBLES DERIVADOS DEL BENCIMIDAZOL, UTILES PARA EL TRATAMIENTO DE LA FASCIOSIS.	RAFAEL CASTILLO BOCANEGRA, OSVALDO FROYLAN IBARRA VELARDE, MARIA ALICIA HERNANDEZ CAMPOS, et al.	CHEMISTRY; METALLURGYHUMAN NECESSITIES	2019

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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