



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



LUIS FERNANDO LOZANO AGUIRRE BELTRAN

Datos Generales

Nombre: LUIS FERNANDO LOZANO AGUIRRE BELTRAN

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 11 años

Nombramientos

Vigente: TECNICO ACADEMICO TITULAR B TC No Definitivo
Centro de Ciencias Genómicas
Desde 01-08-2014

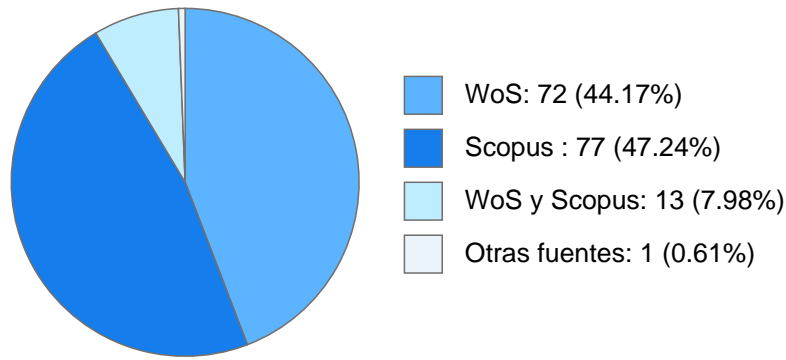
Estímulos, programas, premios y reconocimientos

SNI I 2015 - 2025
PRIDE C 2019 - 2024
EQUIVALENCIA PRIDE B 2014 - 2019

LUIS FERNANDO LOZANO AGUIRRE BELTRAN

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Physiology, Heavy Metal Resistance, and Genome Analysis of Two <i>Cupriavidus gilardii</i> Strains Isolated from the Naica Mine (Mexico)	ARMANDO GONZALEZ SANCHEZ LUIS FERNANDO LOZANO AGUIRRE BELTRAN ALEJANDRO GARCIA DE LOS SANTOS et al.	Microorganisms	2025
2	Genomic insights into the serovar prevalence, antimicrobial resistance gene, and genetic diversity of <i>Salmonella enterica</i> in Mexico	LUIS FERNANDO LOZANO AGUIRRE BELTRAN ISMAEL HERNANDEZ LUCAS Josefina Duran-Bedolla et al.	PLOS ONE	2025
3	Differential gene expression in ripe mango fruit (<i>Mangifera indica</i> L. cv. Azúcar) that favors the pathogenicity of the endophyte <i>Colletotrichum tropicale</i>	SEBASTIAN ROJAS MORALES LUIS FERNANDO LOZANO AGUIRRE BELTRAN MARIO ALBERTO SERRANO ORTEGA et al.	Frontiers In Fungal Biology	2025
4	Draft genomes of four <i>Kluyveromyces marxianus</i> isolates retrieved from the elaboration process of henequen (<i>Agave fourcroydes</i>) mezcal	LUIS FERNANDO LOZANO AGUIRRE BELTRAN MORENA AVITIA CAO ROMERO PATRICIA ESTER LAPPE OLIVERAS et al.	Microbiology Resource Announcements	2024
5	Phosphatidylcholine-deficient suppressor mutant of <i>Sinorhizobium meliloti</i> , altered in fatty acid synthesis, partially recovers nodulation ability in symbiosis with alfalfa (<i>Medicago sativa</i>)	LUIS CARDENAS TORRES LOURDES MARTINEZ AGUILAR LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	PLANT JOURNAL	2024

LUIS FERNANDO LOZANO AGUIRRE BELTRAN

6	Molecular Dynamic Simulations for Biopolymers with Biomedical Applications	RAMON GARDUÑO JUAREZ LUIS FERNANDO LOZANO AGUIRRE BELTRAN MARCO ANTONIO ALVAREZ PEREZ et al.	POLYMERS	2024
7	Genomic analysis of the main epidemiological lineages of <i>Acinetobacter baumannii</i> in Mexico	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Humberto B.-C. Josefina D.-B.	FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY	2024
8	A clinical metagenomic study of biopsies from Mexican endophthalmitis patients reveals the presence of complex bacterial communities and a diversity of resistance genes	MIGUEL ANGEL VENCES GUZMAN LUIS FERNANDO LOZANO AGUIRRE BELTRAN JUAN ABEL RAMIREZ ESTUDILLO et al.	Access Microbiology	2024
9	PCR system for the correct differentiation of the main bacterial species of the <i>Klebsiella pneumoniae</i> complex (vol 204, 73, 2022)	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Barrios-Camacho H. Silva-Sánchez J. et al.	ARCHIVES OF MICROBIOLOGY	2023
10	Functional annotation and comparative genomics analysis of <i>Balamuthia mandrillaris</i> reveals potential virulence-related genes	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Otero-Ruiz A. Rodríguez-Anaya L.Z. et al.	SCIENTIFIC REPORTS	2023
11	Draft genome sequence of the highly copper-tolerant <i>Methylobacterium radiotolerans</i> MLP1 isolated from the rhizosphere of grasses adjacent to mine tailings	ARACELI ELVIRA DAVALOS RODRIGUEZ LUIS FERNANDO LOZANO AGUIRRE BELTRAN Alejandro de los Santos	Microbiology Resource Announcement s	2023
12	Evaluation of nuclear and mitochondrial phylogenetics for the subtyping of <i>Cyclospora cayetanensis</i>	LUIS FERNANDO LOZANO AGUIRRE BELTRAN González-Gómez J.P. Medrano-Félix J.A. et al.	PARASITOLOGY RESEARCH	2023
13	PCR system for the correct differentiation of the main bacterial species of the <i>Klebsiella pneumoniae</i> complex	LUIS FERNANDO LOZANO AGUIRRE BELTRAN OMAR ALEJANDRO AGUILAR VERA Barrios-Camacho Humberto et al.	ARCHIVES OF MICROBIOLOGY	2022
14	Draft Genome Sequences of Mexican <i>Babesia bovis</i> Virulent and Attenuated Strains	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Sachman-Ruiz B. Lira J.J. et al.	Microbiology Resource Announcement s	2022
15	Control of the Rhizobia Nitrogen-Fixing Symbiosis by Common Bean MADS-Domain/AGL Transcription Factors	MARIA DEL ROCIO REYERO SAAVEDRA LUIS FERNANDO LOZANO AGUIRRE BELTRAN ALFONSO LEIJA SALAS et al.	Frontiers in Plant Science	2021

LUIS FERNANDO LOZANO AGUIRRE BELTRAN

16	Klebsiella variicola Reference Strain F2R9 (ATCC BAA-830) Genome Sequence	LUIS FERNANDO LOZANO AGUIRRE BELTRAN MARIA ESPERANZA MARTINEZ ROMERO Garza-Ramos U. et al.	Microbiology Resource Announcements	2021
17	Feeding the Microbes: A Strategy to Control Verticillium Wilt	LUIS FERNANDO LOZANO AGUIRRE BELTRAN MARIO ALBERTO SERRANO ORTEGA Ziazia P. et al.	AGRONOMY-BA SEL	2021
18	A Comparative Genomic Study of Attenuated and Virulent Strains of Babesia bigemina	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Sachman-Ruiz B. Lira J.J. et al.	Pathogens	2021
19	Diversity of Weissella confusa in Pozol and Its Carbohydrate Metabolism	RAFAEL LOPEZ SANCHEZ LUIS FERNANDO LOZANO AGUIRRE BELTRAN MARIA DEL CARMEN WACHER RODARTE et al.	FRONTIERS IN MICROBIOLOGY	2021
20	Probability of consolidation constrains novel serotype emergence in dengue fever virus	LUIS FERNANDO LOZANO AGUIRRE BELTRAN RENAUD HUGUES JEAN POL CONDE Sánchez-González G. et al.	PLOS ONE	2021
21	Molecular Detection and Characterization of Porcine Epidemic Diarrhea Virus and Porcine Aichivirus C Coinfection in Mexico	MONTSERRAT ELEMI GARCIA HERNANDEZ MARIA ELENA TRUJILLO ORTEGA LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	Viruses-Basel	2021
22	Physiological and Genomic Analysis of Bacillus pumilus UAMX Isolated from the Gastrointestinal Tract of Overweight Individuals	LUIS FERNANDO LOZANO AGUIRRE BELTRAN EDITH PONCE ALQUICIRA Reyes-cortes J.L. et al.	Microorganism s	2021
23	Expression of the Legume-Specific Nod Factor Receptor Proteins Alters Developmental and Immune Responses in Rice	LUIS FERNANDO LOZANO AGUIRRE BELTRAN LOURDES MARTINEZ AGUILAR SONIA TERESA SILVENTE KELLER et al.	PLANT MOLECULAR BIOLOGY REPORTER	2020
24	Structure and Evolution of Acinetobacter baumannii Plasmids	ROSA MARIA GUTIERREZ RIOS LUIS FERNANDO LOZANO AGUIRRE BELTRAN MARIA DE LOS ANGELES PEREZ OSEGUERA et al.	FRONTIERS IN MICROBIOLOGY	2020
25	Isolation and first draft genome sequence of a linezolid-dependent Staphylococcus aureus clinical strain	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Víctor A. Garcia-Angulo Beatrice Herve et al.	FUTURE MICROBIOLOGY	2020
26	Genomic Analysis Reveals the Genetic Determinants Associated With Antibiotic Resistance in the Zoonotic Pathogen Campylobacter spp. Distributed Globally	IRMA MARTINEZ FLORES ROSA ISELA SANTAMARIA GUTIERREZ LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	FRONTIERS IN MICROBIOLOGY	2020

LUIS FERNANDO LOZANO AGUIRRE BELTRAN

27	Origin and Evolutionary Dynamics of the miR2119 and ADH1 Regulatory Module in Legumes	LUIS FERNANDO LOZANO AGUIRRE BELTRAN SANTIAGO CASTILLO RAMIREZ ALEJANDRA ALICIA COVARRUBIAS ROBLES et al.	GENOME BIOLOGY AND EVOLUTION	2020
28	A Klebsiella variicola Plasmid Confers Hypermucoviscosity-Like Phenotype and Alters Capsule Production and Virulence	MARIA ESPERANZA MARTINEZ ROMERO LUIS FERNANDO LOZANO AGUIRRE BELTRAN Nadia Rodriguez-Medina et al.	FRONTIERS IN MICROBIOLOGY	2020
29	Intestinal microbiota in patients with acute leukemia (AL) and allogeneic hematopoietics stem cell transplantation (allo-HSCT).	FELIPE VACA PANIAGUA LUIS FERNANDO LOZANO AGUIRRE BELTRAN ANGEL HERRERA GOMEZ et al.	JOURNAL OF CLINICAL ONCOLOGY	2020
30	Interdependency of regulatory effects of iron and riboflavin in the foodborne pathogen Shigella flexneri determined by integral transcriptomics	Victor A. Garcia Angulo LUIS FERNANDO LOZANO AGUIRRE BELTRAN Juan Carlos Salazar et al.	PEERJ	2020
31	Current phylogeny of Rhodospirillaceae: A multi-approach study	LUIS FERNANDO LOZANO AGUIRRE BELTRAN MARIA ESPERANZA MARTINEZ ROMERO Degli Esposti M.	MOLECULAR PHYLOGENETICS AND EVOLUTION	2019
32	Genetic characterization of multiple NDM-1-producing clinical isolates in Mexico	RIGOBERTO HERNANDEZ CASTRO LUIS FERNANDO LOZANO AGUIRRE BELTRAN Josefina Duran-Bedolla et al.	DIAGNOSTIC MICROBIOLOGY AND INFECTIOUS DISEASE	2019
33	Molecular epidemiology of Klebsiella variicola obtained from different sources	OMAR ALEJANDRO AGUILAR VERA LUIS FERNANDO LOZANO AGUIRRE BELTRAN Barrios-Camacho H. et al.	SCIENTIFIC REPORTS	2019
34	Complete Genome Sequence of Stenotrophomonas maltophilia Strain SVIA2, Isolated from Crude Oil-Contaminated Soil in Tabasco, Mexico	LUIS FERNANDO LOZANO AGUIRRE BELTRAN VIRGINIA PATRICIA BUSTOS ARCOS Temidayo Oluyomi Elufisan et al.	Microbiology Resource Announcement s	2019
35	Draft Genome Sequences of Endophytic Isolates of Klebsiella variicola and Klebsiella pneumoniae Obtained from the Same Sugarcane Plant	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Reyna-Flores F. Barrios-Camacho H. et al.	Microbiology Resource Announcement s	2018
36	Transcriptomics reveals a cross-modulatory effect between riboflavin and iron and outlines responses to riboflavin biosynthesis and uptake in Vibrio cholerae	Victor A. Garcia Angulo LUIS FERNANDO LOZANO AGUIRRE BELTRAN Ignacio Seulveda-Cisternas et al.	SCIENTIFIC REPORTS	2018

LUIS FERNANDO LOZANO AGUIRRE BELTRAN

37	Novel metabolic pathway for N-methylpyrrolidone degradation in <i>Alicyclophilus</i> sp. strain BQ1	MARTIN PEDRO VARGAS SUAREZ MIGUEL ANGEL CARLOS CEVALLOS GAOS LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	APPLIED AND ENVIRONMENTAL MICROBIOLOGY	2018
38	Neuroinflammation induced by amyloid β 25?35 modifies mucin-type O-glycosylation in the rat's hippocampus	LUIS FERNANDO LOZANO AGUIRRE BELTRAN ADELAIDA DIAZ VILCHIS MIGUEL ANGEL JORGE GUEVARA FONSECA et al.	Neuropeptides	2018
39	GSTM3 and GSTP1: Novel players driving tumor progression in cervical cancer	LUIS FERNANDO LOZANO AGUIRRE BELTRAN SERGIO MANUEL ENCARNACION GUEVARA Checa-Rojas A. et al.	Oncotarget	2018
40	Dissecting the acid stress response of <i>Rhizobium tropici</i> CIAT 899	LUIS FERNANDO LOZANO AGUIRRE BELTRAN CHRISTIAN SOHLENKAMP Julio Guerrero-Castro	FRONTIERS IN MICROBIOLOGY	2018
41	Detection of VBNC <i>Vibrio cholerae</i> by RT-Real Time PCR based on differential gene expression analysis	GUILLERMO MIGUEL RUIZ PALACIOS Y SANTOS LUIS FERNANDO LOZANO AGUIRRE BELTRAN IGNACIO MONJE RAMIREZ et al.	FEMS MICROBIOLOGY LETTERS	2018
42	Antibiotic Resistance and Potential Pathogenicity of an Isolate <i>Salmonella enterica enterica</i> Based on Genomic Comparison with of 103 and 2199 Strains Obtained from Contaminated Chicken Meat in Mexico	RENAUD HUGUES JEAN POL CONDE LUIS FERNANDO LOZANO AGUIRRE BELTRAN Perez de la Rosa Diego et al.	Advances In Microbiology	2018
43	Complete genome sequences of three <i>Rhizobium gallicum</i> symbionts associated with common bean (<i>Phaseolus vulgaris</i>)	VIRGINIA PATRICIA BUSTOS ARCOS ROSA ISELA SANTAMARIA GUTIERREZ LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	Genome Announcements	2017
44	Draft genome sequence of <i>Pseudomonas chlororaphis</i> ATCC 9446, a nonpathogenic bacterium with bioremediation and industrial potential	LUIS FERNANDO LOZANO AGUIRRE BELTRAN FRANCISCO GONZALO BOLIVAR ZAPATA JOSE ADELFO ESCALANTE LOZADA et al.	Genome Announcements	2017
45	Complete genome sequences of eight <i>Rhizobium</i> symbionts associated with common bean (<i>Phaseolus vulgaris</i>)	ROSA ISELA SANTAMARIA GUTIERREZ VIRGINIA PATRICIA BUSTOS ARCOS PABLO VINUESA FLEISCHMANN et al.	Genome Announcements	2017
46	Proteomic and transcriptomic analysis of saliva components from the hematophagous reduviid <i>Triatoma pallidipennis</i>	LUIS FERNANDO LOZANO AGUIRRE BELTRAN MARIA MARTHA PEDRAZA ESCALONA ERNESTO ORTIZ SURI et al.	JOURNAL OF PROTEOMICS	2017

LUIS FERNANDO LOZANO AGUIRRE BELTRAN

47	Rapid Gene Turnover as a Significant Source of Genetic Variation in a Recently Seeded Population of a Healthcare-Associated Pathogen	LUIS FERNANDO LOZANO AGUIRRE BELTRAN MARIA DE LOS ANGELES PEREZ OSEGUERA MIGUEL ANGEL CARLOS CEVALLOS GAOS et al.	FRONTIERS IN MICROBIOLOGY	2017
48	Expression in rice of an autoactive variant of <i>Medicago truncatula</i> DMI3, the Ca ²⁺ /calmodulin-dependent protein kinase from the common symbiotic pathway modifies root transcriptome and improves mycorrhizal colonization	LUIS FERNANDO LOZANO AGUIRRE BELTRAN FIDEL ALEJANDRO SANCHEZ FLORES NOREIDE NAVA NUÑEZ et al.	PLANT BIOTECHNOLOG Y REPORTS	2017
49	Draft genome sequence of sphingobacterium sp. CZ-UAM, isolated from a methanotrophic consortium	LUIS FERNANDO LOZANO AGUIRRE BELTRAN JOSE UTRILLA CARRERI Steffani-Vallejo J.L. et al.	Microbiology Resource Announcement s	2017
50	Draft genome sequence of <i>Burkholderia cenocepacia</i> strain CEIB S5-2, a methyl parathion- and p-nitrophenol-degrading bacterium, isolated from agricultural soils in Morelos, Mexico	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Martínez-Ocampo F. Fernández López M.G. et al.	Microbiology Resource Announcement s	2016
51	Complete genome sequence of <i>Helicobacter pylori</i> strain 29CaP isolated from a Mexican patient with gastric cancer	GONZALO CASTILLO ROJAS MIGUEL ANGEL CARLOS CEVALLOS GAOS LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	Microbiology Resource Announcement s	2016
52	First genome sequence of a mexican multidrug-resistant <i>Acinetobacter baumannii</i> isolate	LUIS FERNANDO LOZANO AGUIRRE BELTRAN MIGUEL ANGEL CARLOS CEVALLOS GAOS Graña-Miraglia, L. et al.	Microbiology Resource Announcement s	2016
53	Draft genome sequence of a hypermucoviscous extended-spectrum- β -lactamase-producing <i>Klebsiella quasipneumoniae</i> subsp. <i>similipneumoniae</i> clinical isolate	HECTOR GUILLERMO BARRIOS LOPEZ MIGUEL ANGEL CARLOS CEVALLOS GAOS LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	Microbiology Resource Announcement s	2016
54	Complete genome sequence of a multidrug-resistant <i>Acinetobacter baumannii</i> isolate obtained from a Mexican hospital (sequence type 422)	LUIS FERNANDO LOZANO AGUIRRE BELTRAN MIGUEL ANGEL CARLOS CEVALLOS GAOS Castro-Jaimes, S. et al.	Microbiology Resource Announcement s	2016
55	Complete genome sequence of <i>Helicobacter pylori</i> strain 7C isolated from a Mexican patient with chronic gastritis	GONZALO CASTILLO ROJAS MIGUEL ANGEL CARLOS CEVALLOS GAOS LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	Microbiology Resource Announcement s	2016

LUIS FERNANDO LOZANO AGUIRRE BELTRAN

56	Genomes of Candidatus Wolbachia bourtzisii wDacA and Candidatus Wolbachia pipientis wDacB from the Cochineal Insect Dactylopius coccus (Hemiptera: Dactylopiidae)	LUIS FERNANDO LOZANO AGUIRRE BELTRAN FIDEL ALEJANDRO SANCHEZ FLORES MONICA TERESA ROSENBLUETH LAGUETTE et al.	G3-GENES GENOMES GENETICS	2016
57	Region 4 of Rhizobium etli Primary Sigma Factor (SigA) Confers Transcriptional Laxity in Escherichia coli	LUIS FERNANDO LOZANO AGUIRRE BELTRAN SERGIO MANUEL ENCARNACION GUEVARA JOSE GUILLERMO DAVILA RAMOS et al.	FRONTIERS IN MICROBIOLOGY	2016
58	Draft genome sequence of Bacillus amyloliquefaciens JJC33M, isolated from sugarcane soils in the Papaloapan region, Mexico	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Montor-Antonio, J.J. Sachman-Ruiz, B. et al.	Microbiology Resource Announcements	2015
59	Complete genome sequence of Paenibacillus larvae MEX14, isolated from honey bee larvae from the Xochimilco quarter in Mexico City	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Pérez de la Rosa, D. Pérez de la Rosa, J.J. et al.	Microbiology Resource Announcements	2015
60	Burkholderia cenocepacia Strain CEIB S5-1, a Rhizosphere-Inhabiting Bacterium with Potential in Bioremediation	LUIS FERNANDO LOZANO AGUIRRE BELTRAN ARMANDO HERNANDEZ MENDOZA Fernando Martinez-Ocampo et al.	Genome Announcements	2015
61	Draft Genome Sequence of Arthrobacter chlorophenicus Strain Mor30.16, Isolated from the Bean Rhizosphere	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Jose Antonio Miranda-Rios Jose Augusto Ramirez-Trujillo et al.	Genome Announcements	2015
62	A newly sequenced Alcaligenes faecalis strain: Implications for novel temporal symbiotic relationships	ARMANDO HERNANDEZ MENDOZA LUIS FERNANDO LOZANO AGUIRRE BELTRAN Martínez-Ocampo F. et al.	Genome Announcements	2014
63	Narrow-Host-Range Bacteriophages That Infect Rhizobium etli Associate with Distinct Genomic Types	ROSA ISELA SANTAMARIA GUTIERREZ VIRGINIA PATRICIA BUSTOS ARCOS LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	APPLIED AND ENVIRONMENTAL MICROBIOLOGY	2014
64	Characterization of Rhizobium grahamii extrachromosomal replicons and their transfer among rhizobia	Maria Julia Althabegoiti Ernesto Ormeno Orrillo LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	BMC MICROBIOLOGY	2014
65	Comparative genomics and immunoinformatics approach for the identification of vaccine candidates for enterohemorrhagic Escherichia coli O157:H7	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Garcia-Angulo, Victor A. Kalita, Anjana et al.	INFECTION AND IMMUNITY	2014
66	Genomic basis of symbiovar mimosae in Rhizobium etli	MARCO ANTONIO ROGEL HERNANDEZ VIRGINIA PATRICIA BUSTOS ARCOS ROSA ISELA SANTAMARIA GUTIERREZ et al.	Bmc Genomics	2014

LUIS FERNANDO LOZANO AGUIRRE BELTRAN

67	Genome Sequence of Azospirillum brasilense CBG497 and Comparative Analyses of Azospirillum Core and Accessory Genomes provide Insight into Niche Adaptation	LUIS FERNANDO LOZANO AGUIRRE BELTRAN VICTOR MANUEL GONZALEZ ZUÑIGA Wisniewski-Dye, Florence et al.	GENES	2012
68	Whole-Genome Sequence of Wolbachia Strain wAlbB, an Endosymbiont of Tiger Mosquito Vector Aedes albopictus	VIRGINIA PATRICIA BUSTOS ARCOS LUIS FERNANDO LOZANO AGUIRRE BELTRAN VICTOR MANUEL GONZALEZ ZUÑIGA et al.	JOURNAL OF BACTERIOLOGY	2012
69	Genome Sequence of Rhizobium grahamii CCGE502, a Broad-Host-Range Symbiont with Low Nodulation Competitiveness in Phaseolus vulgaris	M. Julia Althabegoiti LUIS FERNANDO LOZANO AGUIRRE BELTRAN Gonzalo Torres Tejerizo et al.	JOURNAL OF BACTERIOLOGY	2012
70	Draft Genome Sequence of the Bean-Nodulating Sinorhizobium fredii Strain GR64	Gonzalo Torres Tejerizo LUIS FERNANDO LOZANO AGUIRRE BELTRAN VICTOR MANUEL GONZALEZ ZUÑIGA et al.	JOURNAL OF BACTERIOLOGY	2012
71	Housekeeping genes essential for pantothenate biosynthesis are plasmid-encoded in Rhizobium etli and Rhizobium leguminosarum	Tomas Villasenor SUSANA BROM KLANNER ARACELI ELVIRA DAVALOS RODRIGUEZ et al.	BMC MICROBIOLOGY	2011
72	A Common Genomic Framework for a Diverse Assembly of Plasmids in the Symbiotic Nitrogen Fixing Bacteria	SANTIAGO CASTILLO RAMIREZ LUIS FERNANDO LOZANO AGUIRRE BELTRAN JOSE LUIS ACOSTA SANCHEZ et al.	PLOS ONE	2008
73	Diversidad genómica de Rhizobium etli: El genoma completo y su variación intraespecífica	ROSA ISELA SANTAMARIA GUTIERREZ VIRGINIA PATRICIA BUSTOS ARCOS LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	Revista Latinoamericana de Microbiología	2006
74	Microstructure and thermal change of texture of calcite crystals in ostrich eggshell Struthio camelus	ALEJANDRO HEREDIA BARBERO ANA GUADALUPE RODRIGUEZ HERNANDEZ LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2005
75	Thermal oxidation of silicon nanocrystals in O ₂ and NO ambient	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Scheer K.C. Rao R.A. et al.	JOURNAL OF APPLIED PHYSICS	2003
76	A comparative analysis by LVSEM and DSC of some mineralized biological hard tissues: Bone, dentin and ostrich eggshell	LAURO BUCIO GALINDO ALEJANDRO HEREDIA BARBERO LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	MICROSCOPY AND MICROANALYSIS	2003



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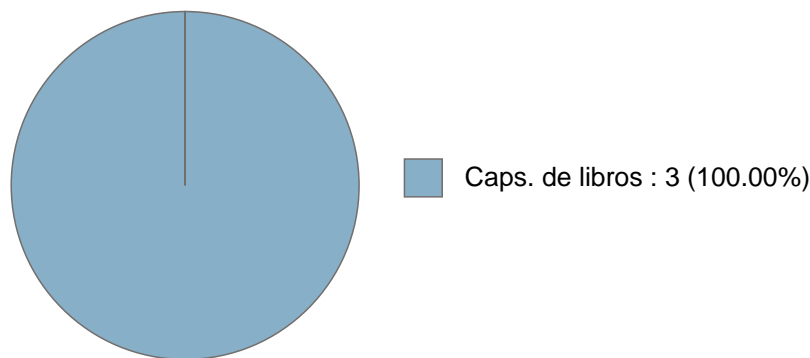
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77	Thermal analysis study of human bone	LUIS FERNANDO LOZANO AGUIRRE BELTRAN MIGUEL ANGEL PEÑA RICO ALEJANDRO HEREDIA BARBERO et al.	JOURNAL OF MATERIALS SCIENCE	2003
78	Thermal properties of mineralized and non mineralized type I collagen in bone	LUIS FERNANDO LOZANO AGUIRRE BELTRAN MIGUEL ANGEL PEÑA RICO ALEJANDRO HEREDIA BARBERO et al.	Materials Research Society Symposium Proceedings	2002
79	Microstructure and thermal expansion properties of ostrich eggshell	ALEJANDRO HEREDIA BARBERO LUIS FERNANDO LOZANO AGUIRRE BELTRAN MIGUEL ANGEL PEÑA RICO et al.	Materials Research Society Symposium Proceedings	2002

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Genomic tools for the study of azospirillum and other plant growth-promoting rhizobacteria	LUIS FERNANDO LOZANO AGUIRRE BELTRAN VIRGINIA PATRICIA BUSTOS ARCOS ROSA ISELA SANTAMARIA GUTIERREZ et al.	Capítulo de un Libro	2015	9783319065427
2	Core and Accessory Genomes of the Diazotroph Azospirillum	LUIS FERNANDO LOZANO AGUIRRE BELTRAN Wisniewski-Dyé, F. Droque, B. et al.	Capítulo de un Libro	2015	9781119053095
3	Core and Accessory Henomes of The Diazotroph Azospirillum, Chapter 25	VICTOR MANUEL GONZALEZ ZUÑIGA LUIS FERNANDO LOZANO AGUIRRE BELTRAN	Capítulo de un Libro	2015	9781118637043



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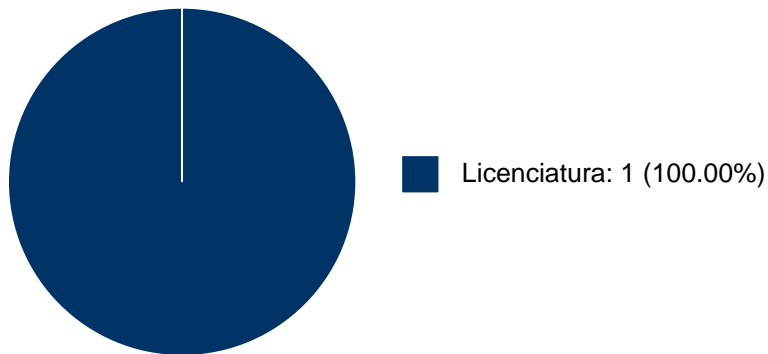
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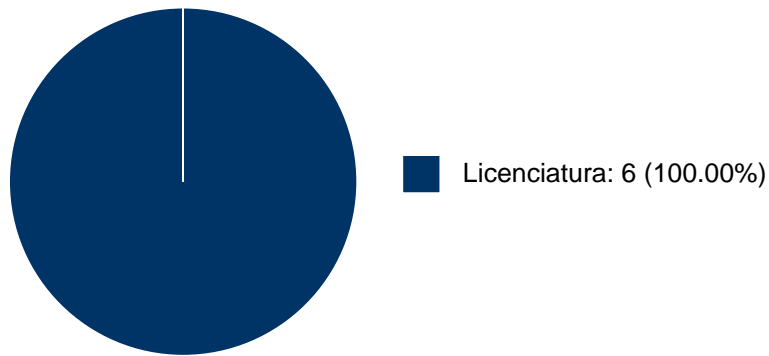


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	La crisis mundial del imperialismo y la aplicación de las contratendencias a la caída de la cuota de ganancia a México 1970-1978	Tesis de Licenciatura	LUIS FERNANDO LOZANO AGUIRRE BELTRAN,	Lois Mendez, Manuel Aurelio,		1981

LUIS FERNANDO LOZANO AGUIRRE BELTRAN

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	GENOMICA EVOLUTIVA 1	Instituto de Biotecnología	15	2025-1
2	Licenciatura	GENOMICA EVOLUTIVA 1	Instituto de Biotecnología	8	2024-1
3	Licenciatura	GENOMICA EVOLUTIVA 1	Instituto de Biotecnología	12	2023-1
4	Licenciatura	GENOMICA EVOLUTIVA 1	Instituto de Biotecnología	14	2022-1
5	Licenciatura	GENOMICA EVOLUTIVA 1	Instituto de Biotecnología	23	2021-1
6	Licenciatura	GENOMICA INTEGRATIVA 4	Instituto de Biotecnología	9	2020-2



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
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	2008-2026
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2026
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	2008-2026
9	Documentos Indexados	Thomson Reuters	WoS	2008-2026
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2026
11	Patentes	IMPI	SIGA	2008-2024