



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



**FRANCISCO ROBERTO QUIROZ FIGUEROA**

## Datos Generales

**Nombre:** FRANCISCO ROBERTO QUIROZ FIGUEROA

**Máximo nivel de estudios:** POSDOCTORADO

**Antigüedad académica en la UNAM:** 5 años

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## Nombramientos

**Último:** INVESTIGADOR ASOCIADO C TC No Definitivo  
Instituto de Biotecnología  
Desde 01-01-2008 (fecha inicial de registros en el  
SIIA) hasta 15-10-2009

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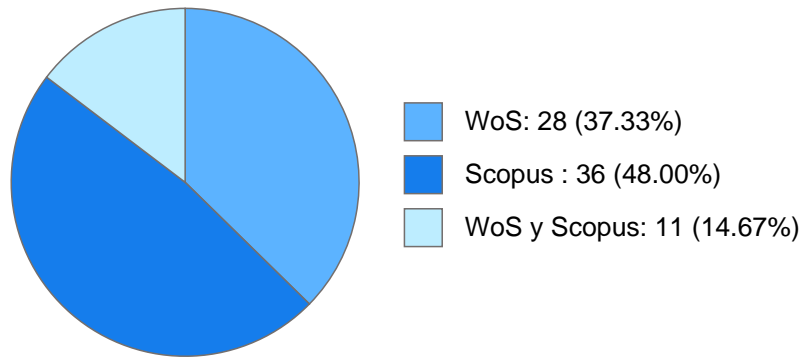
## Estímulos, programas, premios y reconocimientos

SNI II 2023  
SNI I - 2022  
PRIDE C 2009  
PRIDE B - 2009

## FRANCISCO ROBERTO QUIROZ FIGUEROA

### DOCUMENTOS EN REVISTAS

#### Histórico de Documentos



#	Título	Autores	Revista	Año
1	Combining Ability and Reciprocal Effects for the Yield of Elite Blue Corn Lines from the Central Highlands of Mexico	ELPIDIO GARCIA RAMIREZ FRANCISCO ROBERTO QUIROZ FIGUEROA Arellano-Vázquez J.L. et al.	PLANTS-BASEL	2023
2	New record of Golovinomyces ambrosiae on Solanum azureum (Solanaceae) in Mexico	FRANCISCO ROBERTO QUIROZ FIGUEROA Félix-Gastélum R. Leyva-Madrigal K.Y. et al.	BOTANY	2022
3	Production of indole-3-acetic acid by Bacillus circulans E9 in a low-cost medium in a bioreactor	FRANCISCO ROBERTO QUIROZ FIGUEROA Sarmiento-López L.G. López-Meyer M. et al.	JOURNAL OF BIOSCIENCE AND BIOENGINEERING	2022
4	Effective in vitro control of two phytopathogens of agricultural interest using cell-free extracts of pseudomonas fluorescens and chitosan	FRANCISCO ROBERTO QUIROZ FIGUEROA Trejo-Raya A.B. Rodríguez-Romero V.M. et al.	Molecules	2021
5	Recent developments in enzymatic antioxidant defence mechanism in plants with special reference to abiotic stress	FRANCISCO ROBERTO QUIROZ FIGUEROA Rajput V.D. Harish et al.	BIOLOGY-BASEL	2021
6	Advances in entomopathogen isolation: A case of bacteria and fungi	FRANCISCO ROBERTO QUIROZ FIGUEROA Sharma L. Bohra N. et al.	Microorganisms	2021

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7	Ergosterol peroxide isolated from oyster medicinal mushroom, pleurotus ostreatus (Agaricomycetes), potentially induces radiosensitivity in cervical cancer	JOSE PEDRAZA CHAVERRI FRANCISCO ROBERTO QUIROZ FIGUEROA ALFREDO CRUZ GREGORIO et al.	INTERNATIONAL JOURNAL OF MEDICINAL MUSHROOMS	2020
8	A global screening assay to select for maize phenotypes with a high tolerance or resistance to fusarium verticillioides (Sacc.) nirenberg rots	FRANCISCO ROBERTO QUIROZ FIGUEROA Román S.G. Quiroz-Chávez J. et al.	AGRONOMY-BA SEL	2020
9	First demonstration of clinical fusarium strains causing cross-kingdom infections from humans to plants	FRANCISCO ROBERTO QUIROZ FIGUEROA Meza-Menchaca T. Singh R.K. et al.	Microorganism	2020
10	Phenylpropanoids Are Connected to Cell Wall Fortification and Stress Tolerance in Avocado Somatic Embryogenesis	MARTIN MATA ROSAS CAROLINA PEÑA MONTES FRANCISCO ROBERTO QUIROZ FIGUEROA et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2020
11	Flocculation and expression of FLO genes of a saccharomyces cerevisiae mezcalt strain with high stress tolerance	FRANCISCO ROBERTO QUIROZ FIGUEROA Vergara-Álvarez I. Tamayo-órdóñez M.C. et al.	FOOD TECHNOLOGY AND BIOTECHNOLOG Y	2019
12	Filling gaps in our knowledge on the cuticle of mangoes (Mangifera indica) by analyzing six fruit cultivars: Architecture/structure, postharvest physiology and possible resistance to fruit fly (Tephritidae) attack	FRANCISCO ROBERTO QUIROZ FIGUEROA Camacho-Vázquez C. Ruiz-May E. et al.	POSTHARVEST BIOLOGY AND TECHNOLOGY	2019
13	Powdery mildew caused by Golovinomyces spadicus on wild sunflower in Sinaloa, Mexico	FRANCISCO ROBERTO QUIROZ FIGUEROA SILVIA ESPINOSA MATIAS Félix-Gastélum R. et al.	CANADIAN JOURNAL OF PLANT PATHOLOGY	2019
14	An efficient protocol for in vitro propagation of the wild legume Cicer microphyllum Benth., a crop wild relative of chickpea (Cicer arietinum L.)	FRANCISCO ROBERTO QUIROZ FIGUEROA Singh R.K. Anandhan S. et al.	IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-PLANT	2019
15	First insights into the biochemical and molecular response to cold stress in Cicer microphyllum, a crop wild relative of chickpea (Cicer arietinum)	SHRI KRISHNA SINGH SINGH FRANCISCO ROBERTO QUIROZ FIGUEROA Singh R.K. et al.	RUSSIAN JOURNAL OF PLANT PHYSIOLOGY	2017
16	Bacillus cereus sensu lato strain B25 controls maize stalk and ear rot in Sinaloa, Mexico	FRANCISCO ROBERTO QUIROZ FIGUEROA Lizárraga-Sánchez G.J. Leyva-Madrigal K.Y. et al.	FIELD CROPS RESEARCH	2015

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17	Fusarium Species from the Fusarium fujikuroi Species Complex Involved in Mixed Infections of Maize in Northern Sinaloa, Mexico	FRANCISCO ROBERTO QUIROZ FIGUEROA Leyva-Madrigal K.Y. Larralde-Corona C.P. et al.	JOURNAL OF PHYTOPATHOLOGY	2015
18	Microscopic analysis of wheat straw cell wall degradation by microbial consortia for hydrogen production	Marisol PerezRangel FRANCISCO ROBERTO QUIROZ FIGUEROA Jaqueiina GonzalezCastaneda et al.	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2015
19	PvLOX2 silencing in common bean roots impairs arbuscular mycorrhiza-induced resistance without affecting symbiosis establishment	FRANCISCO ROBERTO QUIROZ FIGUEROA FEDERICO ESTEBAN SANCHEZ RODRIGUEZ MoraRomero, Guadalupe A. et al.	FUNCTIONAL PLANT BIOLOGY	2015
20	A high-throughput screening assay to identify bacterial antagonists against Fusarium verticillioides	FRANCISCO ROBERTO QUIROZ FIGUEROA Miguel Figueroa-Lopez, Alejandro Damian Cordero-Ramirez, Jesus et al.	JOURNAL OF BASIC MICROBIOLOGY	2014
21	Particle size and hydration medium effects on hydration properties and sugar release of wheat straw fibers	FRANCISCO ROBERTO QUIROZ FIGUEROA IDANIA VALDEZ VAZQUEZ Lara-Vazquez, Anibal R. et al.	BIOMASS & BIOENERGY	2014
22	laa-producing rhizobacteria from chickpea (Cicer arietinum L.) induce changes in root architecture and increase root biomass	FRANCISCO ROBERTO QUIROZ FIGUEROA Alicia Fierro-Coronado, Rosario Maria Garcia-Perez, Luz et al.	CANADIAN JOURNAL OF MICROBIOLOGY	2014
23	Differentially regulated genes in Solanum tuberosum in response to "Mexican potato purple top phytoplasma" infection	FRANCISCO ROBERTO QUIROZ FIGUEROA Maria Longoria-Espinoza, Rosa Rubi Douriet-Gamez, Nadia et al.	PHYSIOLOGICAL AND MOLECULAR PLANT PATHOLOGY	2013
24	Accumulation of High Levels of ABA Regulates the Pleiotropic Response of the nhr1 Arabidopsis Mutant	FRANCISCO ROBERTO QUIROZ FIGUEROA Adrian Rodriguez Acosta Amed Salazar Blas et al.	JOURNAL OF PLANT BIOLOGY	2010
25	Expression of WUSCHEL in Coffea canephora causes ectopic morphogenesis and increases somatic embryogenesis	FRANCISCO ROBERTO QUIROZ FIGUEROA LUIS CARLOS RODRIGUEZ ZAPATA CAROLINE NICOLE LAURA BURGEFF D HONDT et al.	PLANT CELL TISSUE AND ORGAN CULTURE	2008
26	Advances in coffee tissue culture and its practical applications	FRANCISCO ROBERTO QUIROZ FIGUEROA Santana-Buzzy N. Rojas-Herrera R. et al.	IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-PLANT	2007
27	Embryo production through somatic embryogenesis can be used to study cell differentiation in plants	FRANCISCO ROBERTO QUIROZ FIGUEROA Rojas-Herrera R. Galaz-Avalos R.M. et al.	PLANT CELL TISSUE AND ORGAN CULTURE	2006

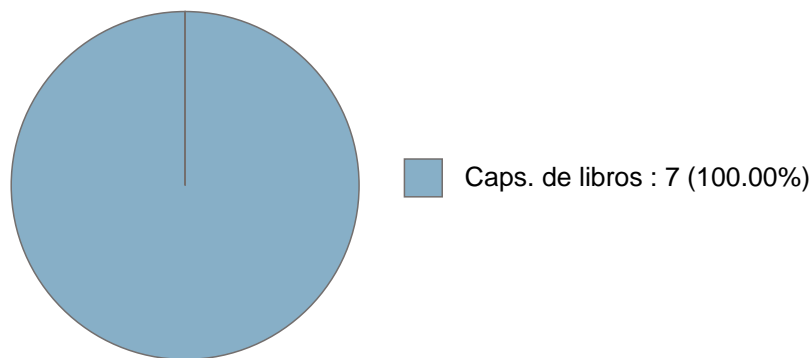
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28	Direct somatic embryogenesis in <i>Coffea canephora</i> .	FRANCISCO ROBERTO QUIROZ FIGUEROA Monforte-González M. Galaz-Avalos R.M. et al.	Methods in Molecular Biology	2006
29	Expression of maize D-type cyclins: Comparison, regulation by phytohormones during seed germination and description of a new D cyclin	FRANCISCO ROBERTO QUIROZ FIGUEROA JORGE MANUEL VAZQUEZ RAMOS	PHYSIOLOGIA PLANTARUM	2006
30	Maize cyclin D2 expression, associated kinase activity and effect of phytohormones during germination	FRANCISCO ROBERTO QUIROZ FIGUEROA JORGE MANUEL VAZQUEZ RAMOS Gutiérrez R.	PLANT AND CELL PHYSIOLOGY	2005
31	Culture-induced variation in plants of <i>Coffea arabica</i> cv. caturra rojo, regenerated by direct and indirect somatic embryogenesis	FRANCISCO ROBERTO QUIROZ FIGUEROA Sanchez-Teyer L.F. Loyola-Vargas V. et al.	MOLECULAR BIOTECHNOLOGY	2003
32	Histological studies on the developmental stages and differentiation of two different somatic embryogenesis systems of <i>Coffea arabica</i>	FRANCISCO ROBERTO QUIROZ FIGUEROA Fuentes-Cerda C. Rojas-Herrera R. et al.	PLANT CELL REPORTS	2002
33	Differential gene expression during somatic embryogenesis in <i>Coffea arabica</i> L., revealed by RT-PCR differential display	FRANCISCO ROBERTO QUIROZ FIGUEROA Rojas-Herrera R. Monforte-González M. et al.	MOLECULAR BIOTECHNOLOGY	2002
34	Molecular analysis of somatic embryogenesis: An overview	FRANCISCO ROBERTO QUIROZ FIGUEROA Rojas-Herrera R. Sánchez-Teyer L. et al.	PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS	2002
35	Differential gene expression in embryogenic and non-embryogenic clusters from cell suspension cultures of <i>Coffea arabica</i>	FRANCISCO ROBERTO QUIROZ FIGUEROA Méndez-Zeel M. Sánchez-Teyer F. et al.	JOURNAL OF PLANT PHYSIOLOGY	2002
36	Picomolar concentrations of salicylates induce cellular growth and enhance somatic embryogenesis in <i>Coffea arabica</i> tissue culture	FRANCISCO ROBERTO QUIROZ FIGUEROA Méndez-Zeel M. Larqué-Saavedra A. et al.	PLANT CELL REPORTS	2001

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**LIBROS Y CAPITULOS CON ISBN**

**Obras con registro ISBN**



#	Título	Autores	Alcance	Año	ISBN
1	Modern sustainable conservation practices for sustainable soil management	FRANCISCO ROBERTO QUIROZ FIGUEROA Jain R. Bohra N. et al.	Capítulo de un Libro	2021	9781536191998
2	Recent developments in generation of marker-free transgenic plants	FRANCISCO ROBERTO QUIROZ FIGUEROA Singh R.K. Sharma L. et al.	Capítulo de un Libro	2019	9789811396243
3	Inspection of crop wild relative ( <i>Cicer microphyllum</i> ) as potential genetic resource in transgenic development	FRANCISCO ROBERTO QUIROZ FIGUEROA Singh R.K. Bohra N. et al.	Capítulo de un Libro	2019	9789811396243
4	Somatic embryogenesis in <i>Jatropha curcas</i>	FRANCISCO ROBERTO QUIROZ FIGUEROA Singh, R.K. Ruiz-May, E. et al.	Capítulo de un Libro	2016	9783319337050
5	The current status of proteomic studies in somatic embryogenesis	FRANCISCO ROBERTO QUIROZ FIGUEROA Rosas, M.M. Shannon, L.M. et al.	Capítulo de un Libro	2016	9783319337050
6	Microscopy applied in biomass characterization	IDANIA VALDEZ VAZQUEZ FRANCISCO ROBERTO QUIROZ FIGUEROA Carrillo-Reyes, J. et al.	Capítulo de un Libro	2016	9783319414140
7	Plant tissue culture	FRANCISCO ROBERTO QUIROZ FIGUEROA Loyola-Vargas V.M. De-La-Peña C. et al.	Capítulo de un Libro	2008	9781603273701



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**FRANCISCO ROBERTO QUIROZ FIGUEROA**

**PARTICIPACIÓN EN PROYECTOS**

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

**FRANCISCO ROBERTO QUIROZ FIGUEROA**



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**FRANCISCO ROBERTO QUIROZ FIGUEROA**

**PARTICIPACIÓN EN TESIS**

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

**FRANCISCO ROBERTO QUIROZ FIGUEROA**





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**FRANCISCO ROBERTO QUIROZ FIGUEROA**

**DOCENCIA IMPARTIDA**

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

**FRANCISCO ROBERTO QUIROZ FIGUEROA**



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**FRANCISCO ROBERTO QUIROZ FIGUEROA**

**TUTORIAS EN POSGRADO**

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

**FRANCISCO ROBERTO QUIROZ FIGUEROA**



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**FRANCISCO ROBERTO QUIROZ FIGUEROA**

**PATENTES**

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

**FRANCISCO ROBERTO QUIROZ FIGUEROA**

**FRANCISCO ROBERTO QUIROZ FIGUEROA**

**FUENTES DE INFORMACIÓN**

**Internos**

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2024
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2024
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	2008-2024
9	Documentos Indexados	Thomson Reuters	WoS	2008-2024
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2024
11	Patentes	IMPI	SIGA	2008-2024