



**Sistema Integral de Información Académica**  
**Dirección General de Evaluación Institucional**  
**Reporte de Producción Académica**



**JOSE RAFAEL JIMENEZ FLORES**

## Datos Generales

**Nombre:** JOSE RAFAEL JIMENEZ FLORES

**Máximo nivel de estudios:** DOCTORADO

**Antigüedad académica en la UNAM:** 42 años

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## Nombramientos

**Vigente:** PROFESOR DE CARRERA TITULAR A TC Definitivo  
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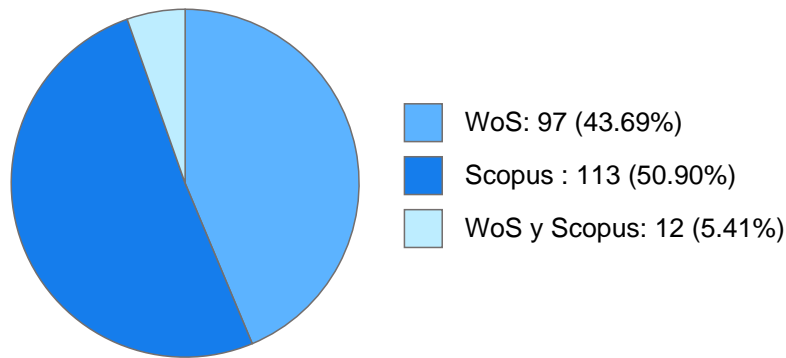
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## Estímulos, programas, premios y reconocimientos

SNI I 2014 - 2023  
PRIDE C - 2022

## DOCUMENTOS EN REVISTAS

### Histórico de Documentos



#	Título	Autores	Revista	Año
1	Transcriptional Modifications in <i>Drosophila Melanogaster</i> Brain due to a Diet Enriched with Palmitic Acid and Fructose	JUAN ALBERTO PONCIANO GOMEZ SANTIAGO CRISTOBAL SIGRIST FLORES JOSE RAFAEL JIMENEZ FLORES et al.	ANNALS OF NUTRITION AND METABOLISM	2023
2	Serum Cytokines Modification and Their Relationship with Metabolic Syndrome Parameters	JUAN ALBERTO PONCIANO GOMEZ MYRIAM CAMPOS AGUILAR JOSE RAFAEL JIMENEZ FLORES et al.	ANNALS OF NUTRITION AND METABOLISM	2023
3	Effects of Fructose and Palmitic Acid on Gene Expression in <i>Drosophila melanogaster</i> Larvae: Implications for Neurodegenerative Diseases	SANTIAGO CRISTOBAL SIGRIST FLORES MA. DE JESUS LAURA CASTAÑEDA PARTIDA ELIAS PIEDRA IBARRA et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2023
4	High baseline expression of IL-6 and IL-10 decreased CCR7 B cells in individuals with previous SARS-CoV-2 infection during BNT162b2 vaccination	JUAN ALBERTO PONCIANO GOMEZ MYRIAM CAMPOS AGUILAR SANTIAGO CRISTOBAL SIGRIST FLORES et al.	FRONTIERS IN IMMUNOLOGY	2022
5	Amino Acid Nanofibers Improve Glycemia and Confer Cognitive Therapeutic Efficacy to Bound Insulin	JOSE RAFAEL JIMENEZ FLORES Lee A. Mason M.L. et al.	Pharmaceutics	2022
6	Identification of Putative $\beta$ -Galactosidase Genes in the Genome of <i>Lactobacillus helveticus</i> OSU-PECh-4A	ISRAEL GARCIA CANO DIANA IVONNE ROCHA MENDOZA JOSE RAFAEL JIMENEZ FLORES et al.	Microbiology Resource Announcements	2022



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7	Monitoring the ripening attributes of Turkish white cheese using miniaturized vibrational spectrometers	JOSE RAFAEL JIMENEZ FLORES Yaman H. Aykas D.P. et al.	JOURNAL OF DAIRY SCIENCE	2022
8	Use of casein micelles to improve the solubility of hydrophobic pea proteins in aqueous solutions via low-temperature homogenization	ISRAEL GARCIA CANO JOSE RAFAEL JIMENEZ FLORES Krentz A. et al.	JOURNAL OF DAIRY SCIENCE	2022
9	Whey protein addition and its increased light absorption and tinctorial strength of model solutions colored with anthocyanins	JOSE RAFAEL JIMENEZ FLORES Miyagusuku-Cruzado G. Giusti M.M.	JOURNAL OF DAIRY SCIENCE	2021
10	Distribution and expression of GnRH 1, kiss receptor 2, and estradiol alpha and ss receptors in the anterior brain of females of <i>Chirostoma humboldtianum</i>	BEATRIZ MACEDO GARZON ROSAURA LOREDO RANJEL MONICA CHAVEZ MALDONADO et al.	FISH PHYSIOLOGY AND BIOCHEMISTRY	2021
11	Variation in resistance to oxidative stress in Oregon-(R)R-flare and Canton-S strains of <i>Drosophila melanogaster</i>	ITZELL ALEJANDRINA GALLARDO ORTIZ RAFAEL VILLALOBOS MOLINA ELIAS PIEDRA IBARRA et al.	TOXICOLOGY RESEARCH	2021
12	Milk fat globule membrane phospholipids modify adhesion of <i>Lactobacillus</i> to mucus-producing Caco-2/Goblet cells by altering the cell envelope	JOSE RAFAEL JIMENEZ FLORES Ortega-Anaya J. Marciniak A.	FOOD RESEARCH INTERNATIONAL	2021
13	The interactions between anthocyanin and whey protein: A review	JOSE RAFAEL JIMENEZ FLORES Ren S. Giusti M.M.	COMPR REV FOOD SCI F	2021
14	Purification and characterization of a phospholipid-hydrolyzing phosphoesterase produced by <i>Pediococcus acidilactici</i> isolated from Gouda cheese	ISRAEL GARCIA CANO DIANA IVONNE ROCHA MENDOZA JOSE RAFAEL JIMENEZ FLORES et al.	JOURNAL OF DAIRY SCIENCE	2020
15	Amino acid-based compound activates atypical PKC and leptin receptor pathways to improve glycemia and anxiety like behavior in diabetic mice	JOSE RAFAEL JIMENEZ FLORES Lee A. Sun Y. et al.	Biomaterials	2020
16	Sources, production, and clinical treatments of milk fat globule membrane for infant nutrition and well-being	JOSE RAFAEL JIMENEZ FLORES Fontecha J. Brink L. et al.	Nutrients	2020
17	Monitoring hydroxycinnamic acid decarboxylation by lactic acid bacteria using high-throughput UV-Vis spectroscopy	ISRAEL GARCIA CANO DIANA IVONNE ROCHA MENDOZA JOSE RAFAEL JIMENEZ FLORES et al.	Molecules	2020



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18	Quantifications of oleocolloid matrices made of whey protein and oleogels	JOSE RAFAEL JIMENEZ FLORES Park C. Maleky F.	Foods	2020
19	Growth of lactic acid bacteria in milk phospholipids enhances their adhesion to Caco-2 cells	DIANA IVONNE ROCHA MENDOZA JOSE RAFAEL JIMENEZ FLORES ISRAEL GARCIA CANO et al.	JOURNAL OF DAIRY SCIENCE	2020
20	Effect of gestational age (preterm or full term) on lipid composition of the milk fat globule and its membrane in human colostrum	JOSE RAFAEL JIMENEZ FLORES Pérez-Gálvez A. Calvo M.V. et al.	JOURNAL OF DAIRY SCIENCE	2020
21	CARDIOMETABOLIC RISK FACTORS ASSOCIATED WITH RENAL FUNCTION IN APPARENTLY HEALTHY YOUNG STUDENTS: A CROSS-SECTIONAL STUDY	RAFAEL VALDEZ ORTIZ MIGUEL MURGUIA ROMERO JOSE RAFAEL JIMENEZ FLORES et al.	REVISTA DE INVESTIGACION CLINICA-CLINICAL AND TRANSLATIONAL INVESTIGATION	2020
22	The alpha(1D)-adrenoreceptor antagonist BMY 7378 reverses cardiac hypertrophy in spontaneously hypertensive rats	JESSICA EDITH RODRIGUEZ RODRIGUEZ ALBERTO DANIEL SAUCEDO CAMPOS JOSE RAFAEL JIMENEZ FLORES et al.	JOURNAL OF HYPERTENSION	2020
23	Symposium review: The relevance of bovine milk phospholipids in human nutrition?Evidence of the effect on infant gut and brain development	JOSE RAFAEL JIMENEZ FLORES Ortega-Anaya J.	JOURNAL OF DAIRY SCIENCE	2019
24	Chronic intake of moderate fat-enriched diet induces fatty liver and low-grade inflammation without obesity in rabbits	SANTIAGO CRISTOBAL SIGRIST FLORES JUAN ALBERTO PONCIANO GOMEZ ALEXANDER PEDROZA GONZALEZ et al.	CHEMICO-BIOLOGICAL INTERACTIONS	2019
25	Lactic acid bacteria isolated from dairy products as potential producers of lipolytic, proteolytic and antibacterial proteins	ISRAEL GARCIA CANO DIANA IVONNE ROCHA MENDOZA JOSE RAFAEL JIMENEZ FLORES et al.	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	2019
26	Survival and Goat Milk Acidifying Activity of Lactobacillus rhamnosus GG Encapsulated with Agave Fructans in a Buttermilk Protein Matrix	JOSE RAFAEL JIMENEZ FLORES Alvarado-Reveles O. Fernández-Michel S. et al.	PROBIOTICS AND ANTIMICROBIAL PROTEINS	2019
27	Clinical Significance of Serum Uric Acid Levels in Mexican Young Adults	MIGUEL MURGUIA ROMERO JOSE RAFAEL JIMENEZ FLORES RAFAEL VILLALOBOS MOLINA et al.	Contributions to Nephrology	2018



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28	An internet system to self-monitoring and assess feeding in young Mexicans	MIGUEL MURGUIA ROMERO ITZELL ALEJANDRINA GALLARDO ORTIZ JOSE RAFAEL JIMENEZ FLORES et al.	Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering	2017
29	Abdominal obesity is strongly associated to blood pressure in young Mexicans	MIGUEL MURGUIA ROMERO ITZELL ALEJANDRINA GALLARDO ORTIZ DIANA CECILIA TAPIA PANCARDO et al.	NUTRICION HOSPITALARIA	2017
30	Preconditioning of the stainless steel surface affects the adhesion of Bacillus cereus spores	JOSE RAFAEL JIMENEZ FLORES Ribeiro, M.C. da Silva Fernandes, M. et al.	INTERNATIONAL DAIRY JOURNAL	2017
31	Potential applications of metagenomics to assess the biological effects of food structure and function	JOSE RAFAEL JIMENEZ FLORES Santiago-Rodriguez, T.M. Cano, R.	FOOD & FUNCTION	2016
32	Feeding lactating Holstein cows a lipid source high in palmitic acid changes the fatty acid composition and thermal properties of lipids in milk and butter	JOSE RAFAEL JIMENEZ FLORES Chamberlain, M.B. Veltri, B.C. et al.	Professional Animal Scientist	2016
33	Cardiometabolic risk in young adults from northern Mexico: Revisiting body mass index and waist-circumference as predictors	RAFAEL VILLALOBOS MOLINA DIANA CECILIA TAPIA PANCARDO JOSE RAFAEL JIMENEZ FLORES et al.	Bmc Public Health	2016
34	Short communication: Typing and tracking Bacillaceae in raw milk and milk powder using pyroprinting	JOSE RAFAEL JIMENEZ FLORES VanderKelen J.J. Mitchell R.D. et al.	JOURNAL OF DAIRY SCIENCE	2016
35	Effect of ultrasound-enhanced fat separation on whey powder phospholipid composition and stability	JOSE RAFAEL JIMENEZ FLORES Torkamani A.E. Juliano P. et al.	JOURNAL OF DAIRY SCIENCE	2016
36	Fasting Triglycerides and Glucose Index as a Diagnostic Test for Insulin Resistance in Young Adults	RAFAEL VILLALOBOS MOLINA JOSE RAFAEL JIMENEZ FLORES ADOLFO RENE MENDEZ CRUZ et al.	Archives Of Medical Research	2016
37	Prevalence of metabolic syndrome in young Mexicans: a sensitivity analysis on its components	MIGUEL MURGUIA ROMERO JOSE RAFAEL JIMENEZ FLORES SANTIAGO CRISTOBAL SIGRIST FLORES et al.	NUTRICION HOSPITALARIA	2015



38	Compositional and sensory differences of products of sweet-cream and whey buttermilk produced by microfiltration, diafiltration, and supercritical CO <sub>2</sub>	JOSE RAFAEL JIMENEZ FLORES Olabi A. Jinjarak S. et al.	JOURNAL OF DAIRY SCIENCE	2015
39	Effect of heating whey proteins in the presence of milk fat globule membrane extract or phospholipids from buttermilk	JOSE RAFAEL JIMENEZ FLORES Saffon M. Britten M. et al.	INTERNATIONAL DAIRY JOURNAL	2015
40	HYPERTRIGLYCERIDEMIC-WAIST (HTGW) PHENOTYPE IN UNIVERSITY STUDENTS FROM TWO REGIONS OF MEXICO	MIGUEL MURGUIA ROMERO JOSE RAFAEL JIMENEZ FLORES ADOLFO RENE MENDEZ CRUZ et al.	ACTA MEDICA MEDITERRANEA	2015
41	Partial calcium depletion during membrane filtration affects gelation of reconstituted milk protein concentrates	JOSE RAFAEL JIMENEZ FLORES Eshpari H. Tong P.S. et al.	JOURNAL OF DAIRY SCIENCE	2015
42	On the use of buttermilk components as aggregation nuclei during the heat-induced denaturation of whey proteins	JOSE RAFAEL JIMENEZ FLORES Saffon M. Britten M. et al.	JOURNAL OF FOOD ENGINEERING	2014
43	The hypertriglyceridemic waist, waist-to-height ratios and cardiometabolic risk in university students	Daniel Villalobos MIGUEL MURGUIA ROMERO JOSE RAFAEL JIMENEZ FLORES et al.	FASEB JOURNAL	2014
44	Plasma triglyceride/HDL-cholesterol ratio, insulin resistance, and cardiometabolic risk in young adults	MIGUEL MURGUIA ROMERO JOSE RAFAEL JIMENEZ FLORES SANTIAGO CRISTOBAL SIGRIST FLORES et al.	JOURNAL OF LIPID RESEARCH	2013
45	Incremento en las concentraciones de ligando CD40 soluble plaquetario en pacientes con síndrome antifosfolípido primario	ADOLFO RENE MENDEZ CRUZ JOSE RAFAEL JIMENEZ FLORES Galicia López A. et al.	Reumatología Clínica	2013
46	Predicting metabolic syndrome with neural networks	MIGUEL MURGUIA ROMERO JOSE RAFAEL JIMENEZ FLORES ADOLFO RENE MENDEZ CRUZ et al.	Lecture Notes in Artificial Intelligence	2013
47	Hydrolysis of milk phospholipid and phospholipid-protein monolayers by pancreatic phospholipase A2	JOSE RAFAEL JIMENEZ FLORES Gallier S. Shaw E. et al.	FOOD RESEARCH INTERNATIONAL	2013
48	LACTATION BIOLOGY SYMPOSIUM: The Long-Term Impact of Epigenetics and Maternal Influence on the Neonate Through Milk-Borne Factors and Nutrient Status	JOSE RAFAEL JIMENEZ FLORES Daniels K.M. Farmer C. et al.	JOURNAL OF ANIMAL SCIENCE	2013



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49	Milk fat globule membrane isolated from buttermilk or whey cream and their lipid components inhibit infectivity of rotavirus in vitro	JOSE RAFAEL JIMENEZ FLORES Fuller K.L. Kuhlenschmidt T.B. et al.	JOURNAL OF DAIRY SCIENCE	2013
50	Microbial Communities in Pre-Columbian Coprolites	JOSE RAFAEL JIMENEZ FLORES Santiago-Rodriguez T.M. Narganes-Storde Y.M. et al.	PLOS ONE	2013
51	Estimating the geographical distribution of the prevalence of the metabolic syndrome in young Mexicans	MIGUEL MURGUIA ROMERO JOSE RAFAEL JIMENEZ FLORES RAFAEL VILLALOBOS MOLINA et al.	Geospatial Health	2012
52	A Distinct Regulatory Sequence Is Essential for the Expression of a Subset of nle Genes in Attaching and Effacing Escherichia coli	Victor A. Garcia Angulo Veronica I. Martinez Santos TOMAS VILLASEÑOR TOLEDO et al.	JOURNAL OF BACTERIOLOGY	2012
53	Impact of rosiglitazone and metformin on serum pro-inflammatory molecules and adipocytokines in rats with chronic fructose diet	SANTIAGO CRISTOBAL SIGRIST FLORES JUAN PABLO PARDO VAZQUEZ MIGUEL MURGUIA ROMERO et al.	FASEB JOURNAL	2012
54	$\beta$ -Casein-phospholipid monolayers as model systems to understand lipid-protein interactions in the milk fat globule membrane	JOSE RAFAEL JIMENEZ FLORES Gallier S. Gragson D. et al.	INTERNATIONAL DAIRY JOURNAL	2012
55	Composition of bovine milk fat globules by confocal Raman microscopy	JOSE RAFAEL JIMENEZ FLORES Gallier S. Gordon K.C. et al.	INTERNATIONAL DAIRY JOURNAL	2011
56	Membrane-rich milk fat diet provides protection against gastrointestinal leakiness in mice treated with lipopolysaccharide	JOSE RAFAEL JIMENEZ FLORES Snow D.R. Ward R.E. et al.	JOURNAL OF DAIRY SCIENCE	2011
57	Heuristic search of cut-off points for clinical parameters: Defining the limits of obesity	MIGUEL MURGUIA ROMERO JOSE RAFAEL JIMENEZ FLORES Villalobos-Molina R. et al.	Lecture Notes in Artificial Intelligence	2011
58	Protein-carbohydrate interactions between Lactobacillus salivarius and pig mucins	JOSE RAFAEL JIMENEZ FLORES Iniguez-Palomares, C. Vazquez-Moreno, L. et al.	JOURNAL OF ANIMAL SCIENCE	2011
59	PerC and GrIA independently regulate Ler expression in enteropathogenic Escherichia coli	VICTOR HUMBERTO BUSTAMANTE SANTILLAN Miryam I. Villalba Víctor A. Garcia Angulo et al.	MOLECULAR MICROBIOLOGY	2011
60	Molecular Characterization of GrIA, a Specific Positive Regulator of ler Expression in Enteropathogenic Escherichia coli	JOSE RAFAEL JIMENEZ FLORES Sara B. Cruz Migoni ALEJANDRO HUERTA SAQUERO et al.	JOURNAL OF BACTERIOLOGY	2010



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61	Higher-than-expected prevalence of hypohidrotic ectodermal dysplasia in a rural Mexican setting: report of 20 cases	Nayellin Reyes Chicuellar Roberto De Haro JOSE RAFAEL JIMENEZ FLORES et al.	INTERNATIONAL JOURNAL OF DERMATOLOGY	2010
62	Lipid rafts in the bovine milk fat globule membrane revealed by the lateral segregation of phospholipids and heterogeneous distribution of glycoproteins	JOSE RAFAEL JIMENEZ FLORES Lopez C. Madec M.-N.	FOOD CHEMISTRY	2010
63	Dietary milk fat globule membrane reduces the incidence of aberrant crypt foci in Fischer-344 rats	JOSE RAFAEL JIMENEZ FLORES Snow D.R. Ward R.E. et al.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2010
64	Using confocal laser scanning microscopy to probe the milk fat globule membrane and associated proteins	JOSE RAFAEL JIMENEZ FLORES Gallier S. Gragson D. et al.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2010
65	Investigating the protective properties of milk phospholipids against ultraviolet light exposure in a skin equivalent model	JOSE RAFAEL JIMENEZ FLORES Russell A. Laubscher A. et al.	Progress in Biomedical Optics and Imaging	2010
66	Characterization of lactobacillus reuteri interaction with milk fat globule membrane components in dairy products	JOSE RAFAEL JIMENEZ FLORES Brisson G. Payken H.F. et al.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2010
67	Growth hormone alters lipid composition and increases the abundance of casein and lactalbumin mRNA in the MAC-T cell line	JOSE RAFAEL JIMENEZ FLORES Johnson T.L. Fujimoto B.A.S. et al.	JOURNAL OF DAIRY RESEARCH	2010
68	Use of ultrafiltration and supercritical fluid extraction to obtain a whey buttermilk powder enriched in milk fat globule membrane phospholipids	JOSE RAFAEL JIMENEZ FLORES Costa M.R. Elias-Argote X.E. et al.	INTERNATIONAL DAIRY JOURNAL	2010
69	A novel method for evaluating the release of fermentable sugars from cellulosic biomass	JOSE RAFAEL JIMENEZ FLORES Fake G. Carroll J. et al.	ENZYME AND MICROBIAL TECHNOLOGY	2010
70	Composition and fatty acid distribution of bovine milk phospholipids from processed milk products	JOSE RAFAEL JIMENEZ FLORES Gallier S. Gragson D. et al.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2010





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71	Surface characterization of bovine milk phospholipid monolayers by langmuir isotherms and microscopic techniques	JOSE RAFAEL JIMENEZ FLORES Gallier S. Gragson D. et al.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2010
72	Knowledge-based system for diagnosis of metabolic alterations in undergraduate students	MIGUEL MURGUIA ROMERO NORMA YOLANDA RODRIGUEZ SORIANO JOSE RAFAEL JIMENEZ FLORES et al.	Lecture Notes in Artificial Intelligence	2010
73	The influence of temperature and pressure factors in supercritical fluid extraction for optimizing nonpolar lipid extraction from buttermilk powder	JOSE RAFAEL JIMENEZ FLORES Spence A.J. Qian M. et al.	JOURNAL OF DAIRY SCIENCE	2009
74	Phospholipid enrichment in sweet and whey cream buttermilk powders using supercritical fluid extraction	JOSE RAFAEL JIMENEZ FLORES Spence A.J. Qian M. et al.	JOURNAL OF DAIRY SCIENCE	2009
75	Evaluation of supercritical fluid extraction aids for optimum extraction of nonpolar lipids from buttermilk powder	JOSE RAFAEL JIMENEZ FLORES Spence A.J. Qian M. et al.	JOURNAL OF DAIRY SCIENCE	2009
76	Effect of variety and maturation of cheese on supercritical fluid extraction efficiency	JOSE RAFAEL JIMENEZ FLORES Yee J.L. Walker J. et al.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2008
77	The milk fat globule membrane as an ingredient: Why, how, when?	JOSE RAFAEL JIMENEZ FLORES Brisson G.	DAIRY SCI TECHNOL	2008
78	Characterization of langerhans cells in epidermal sheets along the body of Armadillo ( <i>Dasypus novemcinctus</i> )	JOSE RAFAEL JIMENEZ FLORES ADOLFO RENE MENDEZ CRUZ Quesada-Pascual, F et al.	VETERINARY IMMUNOLOGY AND IMMUNOPATHOLOGY	2008
79	New tools and challenges in biologically active molecules from milk	JOSE RAFAEL JIMENEZ FLORES	AUSTRALIAN JOURNAL OF DAIRY TECHNOLOGY	2007
80	Microfiltration of buttermilk and washed cream buttermilk for concentration of milk fat globule membrane components	JOSE RAFAEL JIMENEZ FLORES Morin P. Britten M. et al.	JOURNAL OF DAIRY SCIENCE	2007
81	Functional properties of butter oil made from bovine milk with experimentally altered fat composition	JOSE RAFAEL JIMENEZ FLORES Ortiz-Gonzalez G. Bremmer D.R. et al.	JOURNAL OF DAIRY SCIENCE	2007
82	Flavor partition and fat reduction in cheese by supercritical fluid extraction: Processing variables	JOSE RAFAEL JIMENEZ FLORES Yee J.L. Khalil H.	DAIRY SCI TECHNOL	2007



83	Optical tweezers force calibration using a fast-shuttering camera	JOSE RAFAEL JIMENEZ FLORES Sharpe J.P. Iniguez-Palomares C.	Progress in Biomedical Optics and Imaging	2007
84	Effect of processing on the composition and microstructure of buttermilk and its milk fat globule membranes	JOSE RAFAEL JIMENEZ FLORES Morin P. Pouliot Y.	INTERNATIONAL DAIRY JOURNAL	2007
85	Increased expression of inflammation-related co-stimulatory molecules by HUVECs from newborns with a strong family history of myocardial infarction stimulated with TNF- $\alpha$ and oxLDL	JOSE RAFAEL JIMENEZ FLORES JULIA REYES REALI EMMA RODRIGUEZ MALDONADO et al.	IMMUNOLOGY LETTERS	2007
86	High-risk human papilloma virus infection decreases the frequency of dendritic Langerhans' cells in the human female genital tract	JOSE RAFAEL JIMENEZ FLORES ALEJANDRO MANUEL GARCIA CARRANCA Mendez-Cruz R. et al.	Immunology	2006
87	Sensory evaluation of whey and sweet cream buttermilk	JOSE RAFAEL JIMENEZ FLORES Jinjarak S. Olabi A. et al.	JOURNAL OF DAIRY SCIENCE	2006
88	Compositional and functional properties of buttermilk: A comparison between sweet, sour, and whey buttermilk	JOSE RAFAEL JIMENEZ FLORES Sodini I. Morin P. et al.	JOURNAL OF DAIRY SCIENCE	2006
89	A comparative study of the fractionation of regular buttermilk and whey buttermilk by microfiltration	JOSE RAFAEL JIMENEZ FLORES Morin P. Pouliot Y.	JOURNAL OF FOOD ENGINEERING	2006
90	Sensory, functional, and analytical comparisons of whey butter with other butters	JOSE RAFAEL JIMENEZ FLORES Jinjarak S. Olabi A. et al.	JOURNAL OF DAIRY SCIENCE	2006
91	Interactions of whey proteins during heat treatment of oil-in-water emulsions formed with whey protein isolate and hydroxylated lecithin	JOSE RAFAEL JIMENEZ FLORES Ye A. Singh H.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2005
92	Effect of genetic variation on the tryptic hydrolysis of bovine $\beta$ -lactoglobulin A, B, and C	JOSE RAFAEL JIMENEZ FLORES Creamer L.K. Nilsson H.C. et al.	JOURNAL OF DAIRY SCIENCE	2004
93	Heat-induced redistribution of disulfide bonds in milk proteins. I. Bovine $\beta$ -lactoglobulin	JOSE RAFAEL JIMENEZ FLORES Creamer L.K. Bienvenue A. et al.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2004



94	Heat-induced redistribution of disulfide bonds in milk proteins. 2. Disulfide bonding patterns between bovine $\beta$ -lactoglobulin and $\kappa$ -casein	JOSE RAFAEL JIMENEZ FLORES Lowe E.K. Anema S.G. et al.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2004
95	Effect of temperature and pore size on the fractionation of fresh and reconstituted buttermilk by microfiltration	JOSE RAFAEL JIMENEZ FLORES Morin P. Pouliot Y.	JOURNAL OF DAIRY SCIENCE	2004
96	Bioguided processing: A paradigm change in food production	JOSE RAFAEL JIMENEZ FLORES Ward R.E. Watzke H.J. et al.	FOOD TECHNOLOGICAL AGO	2004
97	Nomenclature of the proteins of cows' milk - Sixth revision	JOSE RAFAEL JIMENEZ FLORES Farrell Jr. H.M. Bleck G.T. et al.	JOURNAL OF DAIRY SCIENCE	2004
98	Rheological Properties of Concentrated Skim Milk: Influence of Heat Treatment and Genetic Variants on the Changes in Viscosity during Storage	JOSE RAFAEL JIMENEZ FLORES Bienvenue A. Singh H.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2003
99	Concentration of polar MFGM lipids from buttermilk by microfiltration and supercritical fluid extraction	JOSE RAFAEL JIMENEZ FLORES Astaire J.C. Ward R. et al.	JOURNAL OF DAIRY SCIENCE	2003
100	Rheological properties of concentrated skim milk: Importance of soluble minerals in the changes in viscosity during storage	JOSE RAFAEL JIMENEZ FLORES Bienvenue A. Singh H.	JOURNAL OF DAIRY SCIENCE	2003
101	Optimization and validation of a rapid method to determine citrate and inorganic phosphate in milk by capillary electrophoresis	JOSE RAFAEL JIMENEZ FLORES Izco J.M. Tormo M. et al.	JOURNAL OF DAIRY SCIENCE	2003
102	Development of a CE method to analyze organic acids in dairy products: Application to study the metabolism of heat-shocked spores	JOSE RAFAEL JIMENEZ FLORES Izco J.M. Tormo M.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2002
103	Fractionation of $\beta$ -lactoglobulin tryptic peptides by ampholyte-free isoelectric focusing	JOSE RAFAEL JIMENEZ FLORES Groleau P.E. Gauthier S.F. et al.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2002
104	Scale-up of native $\beta$ -lactoglobulin affinity separation process	JOSE RAFAEL JIMENEZ FLORES Vyas H.K. Izco J.M.	JOURNAL OF DAIRY SCIENCE	2002
105	Rapid simultaneous determination of organic acids, free amino acids, and lactose in cheese by capillary electrophoresis	JOSE RAFAEL JIMENEZ FLORES Izco J.M. Tormo M.	JOURNAL OF DAIRY SCIENCE	2002



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106	Expression and purification of glycosylated bovine $\beta$ -casein (L70S/P71S) in <i>Pichia pastoris</i>	JOSE RAFAEL JIMENEZ FLORES Choi B.-K.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2001
107	Cation-exchange purification of mutagenized bovine $\beta$ -casein expressed in transgenic mouse milk: Its putative Asn68-linked glycan is heterogeneous	JOSE RAFAEL JIMENEZ FLORES Choi B.-K. Bleck G.T.	JOURNAL OF DAIRY SCIENCE	2001
108	Modifications of phosphocaseinate solutions treated by selective adsorption	JOSE RAFAEL JIMENEZ FLORES Martin N. Tong P.S. et al.	INTERNATIONAL DAIRY JOURNAL	1999
109	Freezing of aqueous solutions of glycosylated bovine beta-casein	JOSE RAFAEL JIMENEZ FLORES Hoke J.L. Georgiadis J.G.	American Society Of Mechanical Engineers, Bioengineering Division (publication) Bed	1998
110	Trends in Research for Alternate Uses of Milk Fat	JOSE RAFAEL JIMENEZ FLORES	JOURNAL OF DAIRY SCIENCE	1997
111	Characterization and Partial Purification of Bovine $\alpha$ -Lactalbumin and $\beta$ -Casein Produced in Milk of Transgenic Mice	JOSE RAFAEL JIMENEZ FLORES Jeng S.-Y. Bleck G.T. et al.	JOURNAL OF DAIRY SCIENCE	1997
112	Study of Putative Glycosylation Sites in Bovine $\beta$ -Casein Introduced by PCR-Based Site-Directed Mutagenesis	JOSE RAFAEL JIMENEZ FLORES Choi B.-K.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	1996
113	Genetic modification of bovine $\beta$ -casein and its expression in the milk of transgenic mice	JOSE RAFAEL JIMENEZ FLORES Choi B.-K. Bleck G.T. et al.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	1996
114	Expression of a bovine $\beta$ -CN cDNA in the mammary gland of transgenic mice utilizing a genomic milk protein gene as an expression cassette	JOSE RAFAEL JIMENEZ FLORES Gutiérrez A. Meade H.M. et al.	TRANSGENIC RESEARCH	1996
115	Mono- and diglycerides prepared by chemical glycerolysis from a butterfat fraction	JOSE RAFAEL JIMENEZ FLORES Campbell-Timperman K. Choi J.H.	JOURNAL OF FOOD SCIENCE	1996
116	TWO-DIMENSIONAL ANALYSIS OF SKIM MILK PROTEINS USING PREPARATIVE ISOELECTRIC FOCUSING FOLLOWED BY POLYACRYLAMIDE GEL ELECTROPHORESIS	JOSE RAFAEL JIMENEZ FLORES KIM, H.Y.	JOURNAL OF FOOD BIOCHEMISTRY	1992



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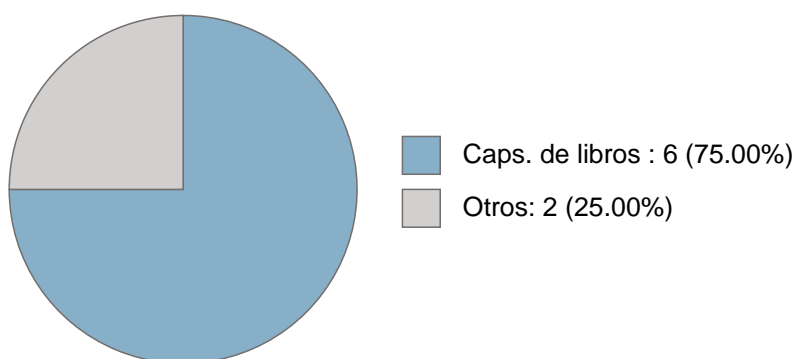
117 Genetic Engineering of the Caseins to  
Modify the Behavior of Milk During  
Processing: A Review

JOSE RAFAEL JIMENEZ FLORES  
Richardson, T.

JOURNAL OF DAIRY SCIENCE 1988

## LIBROS Y CAPITULOS CON ISBN

### Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Milk Lipids: Milk fat globule membrane	JOSE RAFAEL JIMENEZ FLORES Ortega-Anaya J. Marciniak A.	Capítulo de un Libro	2021	9780128187661
2	Casein nomenclature, structure, and association	DIANA IVONNE ROCHA MENDOZA JOSE RAFAEL JIMENEZ FLORES	Capítulo de un Libro	2021	9780128187661
3	Buttermilk and milk Fat globule membrane fractions	JOSE RAFAEL JIMENEZ FLORES	Capítulo de un Libro	2021	9780128187661
4	Isolated milk fat ingredients - milk fat globule membrane, phospholipids and sphingomyelin	JOSE RAFAEL JIMENEZ FLORES Marciniak A. Ortega-Anaya J. et al.	Capítulo de un Libro	2021	9780128187661
5	Improving the body mass index (BMI) formula with heuristic search	MIGUEL MURGUIA ROMERO JOSE RAFAEL JIMENEZ FLORES ADOLFO RENE MENDEZ CRUZ et al.	Conferencia Paper	2012	9780769549040
6	Analysis of heartbeat time series from young subjects with metabolic syndrome	JOSE RAFAEL JIMENEZ FLORES Muñoz-Diosdado A. Méndez-Cruz A.R.	Conferencia Paper	2010	9781424471706



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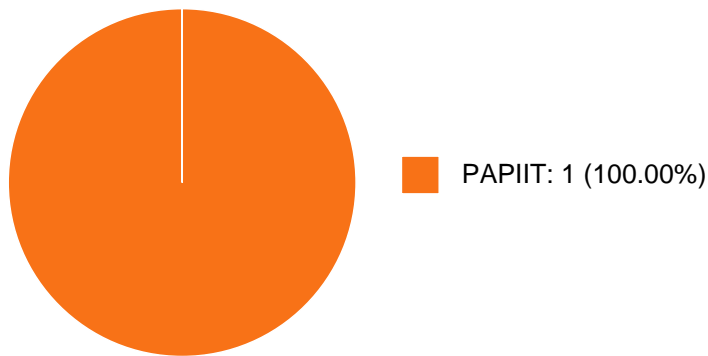
**JOSE RAFAEL JIMENEZ FLORES**

7	Beverages based on milk fat globule membrane (MFGM) and other novel concepts for dairy-based functional beverages	JOSE RAFAEL JIMENEZ FLORES Higuera-Ciapara I. Pouliot Y.	Capítulo de un Libro	2009	9781845693428
8	Low temperature hard cheeses and semi-hard washed cheeses	JOSE RAFAEL JIMENEZ FLORES Yee J.	Capítulo de un Libro	2007	9781845690076



## PARTICIPACIÓN EN PROYECTOS

### Histórico de participación en proyectos

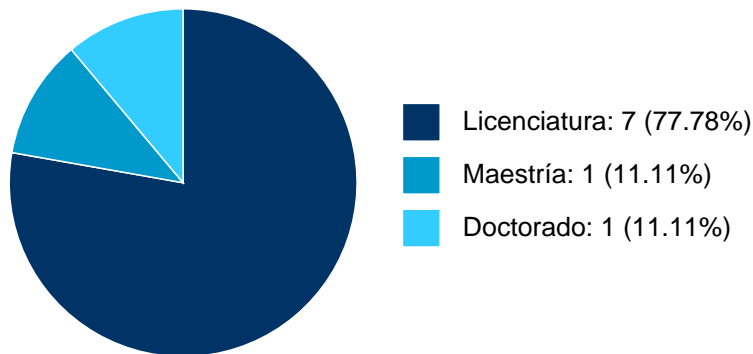


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Análisis transcriptómico de dos cepas de <i>D. melanogaster</i> expuestas a dietas hipercalóricas ricas en ácido palmítico y/o fructuosa.	JOSE RAFAEL JIMENEZ FLORES	Recursos PAPIIT	01-01-2019	31-12-2020



## PARTICIPACIÓN EN TESIS

### Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Análisis de la expresión de la inmunoglobulina E y su receptor FcεRI en células presentadoras de antígeno en tumores de pacientes con cáncer de mama	Tesis de Licenciatura	GINA STELLA GARCIA ROMO,	ALDO ARAM HERNANDEZ APARICIO, JOSE RAFAEL JIMENEZ FLORES, et al.	Facultad de Estudios Superiores "Iztacala",	2020
2	Modificaciones transcripcionales de moléculas involucradas en inflamación del hígado de conejo ( <i>Oryctolagus cuniculus</i> ) generado por dieta enriquecida con ácido palmítico	Tesis de Doctorado	JOSE RAFAEL JIMENEZ FLORES,	ADOLFO RENE MENDEZ CRUZ, JUAN PABLO PARDO VAZQUEZ, et al.	Facultad de Estudios Superiores "Iztacala", Facultad de Medicina,	2019
3	Presencia de ovarios poliquísticos en mujeres universitarias (alumnas de la FES Iztacala), con alto riesgo a padecer síndrome metabólico	Tesis de Licenciatura	JOSE RAFAEL JIMENEZ FLORES,	Pérez Morales, Mónica Aimé,	Facultad de Estudios Superiores "Iztacala",	2019

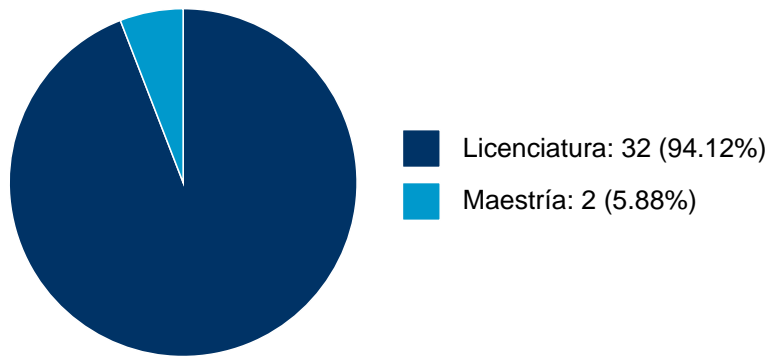


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4	TLR4 y NF- $\kappa$ B como posibles indicadores de daño endotelial temprano en aorta de conejo con dieta grasa	Tesis de Licenciatura	JOSE RAFAEL JIMENEZ FLORES,	González Rojas, Juan Antonio,	Facultad de Estudios Superiores "Iztacala",	2015
5	Cuantificación de la molécula proinflamatoria sVCAM-1 en jóvenes universitarios con síndrome metabólico	Tesis de Licenciatura	JOSE RAFAEL JIMENEZ FLORES,	Espinoza Camacho, Miguel Ángel,	Facultad de Estudios Superiores "Iztacala",	2013
6	Efecto de rosiglitazona y metformina en la concentración sérica de adipocitocinas y moléculas pro-inflamatorias en ratas con ingesta crónica de fructosa	Tesis de Maestría	JOSE RAFAEL JIMENEZ FLORES,	JUAN PABLO PARDO VAZQUEZ, RAFAEL VILLALOBOS MOLINA, et al.	Facultad de Estudios Superiores "Iztacala", Facultad de Medicina,	2012
7	Identificación de Fas (CD95) y Fas-L (CD178) en población de células CD8+ de sangre periférica y médula osea de niños con diferentes estadios de leucemia linfoblástica aguda (LLA)	Tesis de Licenciatura	JOSE RAFAEL JIMENEZ FLORES,	Ponciano Gómez, Juan Alberto,	Facultad de Estudios Superiores "Iztacala",	2009
8	Expresión de Granzima B en Linfocitos CD8+ periféricos y de médula ósea, en diferentes etapas de la Leucemia linfoblástica aguda en población pediátrica	Tesis de Licenciatura	JOSE RAFAEL JIMENEZ FLORES,	Sigríst Flores, Santiago Cristóbal,	Facultad de Estudios Superiores "Iztacala",	2009
9	Efecto de la extirpación de las vesículas seminales sobre respuesta inmune en ratas Wistar (Rattus norvegicus)	Tesis de Licenciatura	JOSE RAFAEL JIMENEZ FLORES,	González Valle, María del Rosario,		1992

## DOCENCIA IMPARTIDA

### Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	M. SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	33	2023-2
2	Licenciatura	M. SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	34	2023-1
3	Licenciatura	M. SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	33	2022-2
4	Licenciatura	M. SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	38	2022-1
5	Licenciatura	M. SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	36	2021-2
6	Licenciatura	M. SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	36	2021-1
7	Licenciatura	M. SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	33	2020-2
8	Licenciatura	M. SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	36	2020-1
9	Licenciatura	M. SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	34	2019-2
10	Licenciatura	M. SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	36	2019-1
11	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	28	2018-2



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12	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	37	2018-1
13	Licenciatura	M. SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	31	2017-2
14	Licenciatura	M. SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	33	2017-1
15	Maestría	TRABAJO DE INVESTIGACION IV	Facultad de Ciencias	1	2016-2
16	Licenciatura	SISTEMA CARDIOVASCULAR-116007	Facultad de Estudios Superiores "Iztacala"	35	2016-2
17	Licenciatura	SISTEMA CARDIOVASCULAR-115950	Facultad de Estudios Superiores "Iztacala"	37	2016-1
18	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Ciencias	1	2016-1
19	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	34	2015-2
20	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	36	2015-1
21	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	34	2014-2
22	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	36	2014-1
23	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	36	2013-2
24	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	36	2013-1
25	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	33	2012-2
26	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	40	2012-1
27	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	33	2011-2
28	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	18	2011-1
29	Curso de Licenciatura	Actualidades de Síndrome Metabólico I	Facultad de Estudios Superiores "Iztacala"	0	
30	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	33	2010-2
31	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	35	2010-1
32	Curso de Licenciatura	Efecto del Alcohol sobre la Fagocitosis en Ratón	Facultad de Estudios Superiores "Iztacala"	0	
33	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	29	2009-2



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34	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	38	2009-1
35	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	25	2008-2
36	Licenciatura	SISTEMA CARDIOVASCULAR	Facultad de Estudios Superiores "Iztacala"	31	2008-1



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**JOSE RAFAEL JIMENEZ FLORES**

**TUTORIAS EN POSGRADO**

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

**JOSE RAFAEL JIMENEZ FLORES**



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**Reporte de Producción Académica**



**JOSE RAFAEL JIMENEZ FLORES**

**PATENTES**

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

**JOSE RAFAEL JIMENEZ FLORES**



**JOSE RAFAEL JIMENEZ FLORES**

## 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	2008-2023
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