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Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



ENRIQUE GALINDO FENTANES

Datos Generales

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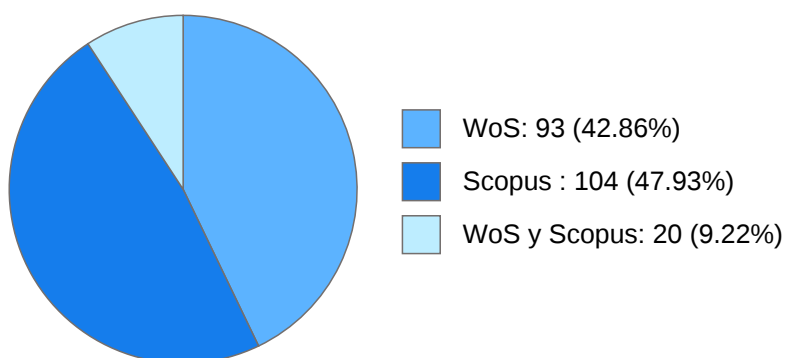
Estímulos, programas, premios y reconocimientos

SNI Emérito 2023 - VIGENTE
SNI III - 2022
PRIDE D - 2024
RDUNJA Innovación tecnológica y diseño industrial 1989
PUN Innovación tecnológica y diseño industrial 2011

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Looking for improved strains of <i>Azotobacter vinelandii</i> and favorable culture conditions yielding high-molecular-weight poly(3-hydroxybutyrate)	ENRIQUE GALINDO FENTANES DANIEL GENARO SEGURA GONZALEZ CARLOS FELIPE PEÑA MALACARA et al.	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOG Y	2025
2	pH-driven metabolic reprogramming in <i>Bacillus velezensis</i> 83 regulates metabolite synthesis and sporulation: A transcriptional approach for bioprocess development	LEOBARDO SERRANO CARREON ENRIQUE GALINDO FENTANES Balón-Rosas L.Y. et al.	JOURNAL OF BIOTECHNOLOG Y	2025
3	Response of <i>Bacillus velezensis</i> 83 to interaction with <i>Colletotrichum gloeosporioides</i> resembles a Greek phalanx-style formation: A stress resistant phenotype with antibiosis capacity	JOSE RAUNEL TINOCO VALENCIA ERNESTO ORTIZ SURI MARIA ESPERANZA MARTINEZ ROMERO et al.	MICROBIOLOGIC AL RESEARCH	2024

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4	Characterization of a new HUP+ Phaeodactylum tricornutum strain having improved production of eicosapentaenoic acid	TOMAS GARCIA GARCIA CELIA FLORES OCAMPO ENRIQUE GALINDO FENTANES et al.	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY	2024
5	The Absence of Phasins PhbP2 and PhbP3 in Azotobacter vinelandii Determines the Growth and Poly-3-hydroxybutyrate Synthesis	DANIEL GENARO SEGURA GONZALEZ ENRIQUE GALINDO FENTANES CARLOS FELIPE PEÑA MALACARA et al.	POLYMERS	2024
6	Yeast extracts from different manufacturers and supplementation of amino acids and micro elements reveal a remarkable impact on alginate production by A. vinelandii ATCC9046	HOLJES SALGADO LUGO ENRIQUE GALINDO FENTANES CARLOS FELIPE PEÑA MALACARA et al.	MICROBIAL CELL FACTORIES	2023
7	Analysis of the local gas hold-up, under constant retrofitted power input in a multiphasic mycelial fermentation model	ENRIQUE GALINDO FENTANES Holguín-Salas A. Thalasso F.	CHEMICAL ENGINEERING RESEARCH & DESIGN	2023
8	Alginate and γ -polyglutamic acid hydrogels: Microbial production strategies and biomedical applications. A review of recent literature	Tania Castillo CELIA FLORES OCAMPO HOLJES SALGADO LUGO et al.	Electronic Journal Of Biotechnology	2023
9	A <i>Bacillus velezensis</i> strain improves growth and root system development in <i>Arabidopsis thaliana</i> through cytokinin signaling	CELIA FLORES OCAMPO ENRIQUE GALINDO FENTANES LEOBARDO SERRANO CARREON et al.	Rhizosphere	2023
10	Oxygen transfer and bubble sizes occurring in a pilot-scale cultivation of <i>Bacillus velezensis</i> 83 for the production of poly(γ -glutamic acid) under two schemes of power drawn	LEOBARDO SERRANO CARREON OCTAVIO MANERO BRITO ENRIQUE GALINDO FENTANES et al.	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY	2022
11	A case study of a profitable mid-tech greenhouse for the sustainable production of tomato, using a biofertilizer and a biofungicide	LEOBARDO SERRANO CARREON ANTONIO MARCELO JUAREZ REYES MAURICIO ALBERTO TRUJILLO ROLDAN et al.	Electronic Journal Of Biotechnology	2022
12	Effect of the Cu content on the corrosion of (TiZrNiNb) _(100-x) Cu-x high-entropy alloys in NaCl solution	ENRIQUE GALINDO FENTANES ALBA COVELO VILLAR R. Gonzalez-Parra et al.	MATERIALS LETTERS	2021
13	Mixotrophic cultivation of microalgae: An alternative to produce high-value metabolites	ENRIQUE GALINDO FENTANES Tania Castillo Diego Ramos et al.	BIOCHEMICAL ENGINEERING JOURNAL	2021

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14	Bacillus velezensis 83 increases productivity and quality of tomato (Solanum lycopersicum L.): Pre and postharvest assessment	MAURICIO ALBERTO TRUJILLO ROLDAN NORMA ADRIANA VALDEZ CRUZ ANTONIO MARCELO JUAREZ REYES et al.	Current Research In Microbial Sciences	2021
15	Molecular weight and viscosifying power of alginates produced by mutant strains of Azotobacter vinelandii under microaerophilic conditions	ANDRES GARCIA AGUAYO CINTHIA ERNESTINA NUÑEZ LOPEZ ENRIQUE GALINDO FENTANES et al.	Biotechnology Reports	2020
16	Improving glucose and xylose assimilation in Azotobacter vinelandii by adaptive laboratory evolution	CARLOS FELIPE PEÑA MALACARA CELIA FLORES OCAMPO ELDA GUADALUPE ESPIN OCAMPO et al.	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY	2020
17	Local bubble size distribution in a pilot scale stirred tank containing a mycelial (three phases) dispersion as a function of constant retrofitted gassed power input	GABRIEL ISAAC CORKIDI BLANCO ENRIQUE GALINDO FENTANES Holguín-Salas A.	BIOCHEMICAL ENGINEERING JOURNAL	2020
18	Oxygen transfer rate determines molecular weight and production of poly(gamma-glutamic acid) as well as carbon utilization by Bacillus velezensis 83	CELIA FLORES OCAMPO CARLOS FELIPE PEÑA MALACARA LEOBARDO SERRANO CARREON et al.	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY	2020
19	Oxygen transfer in a three-phase bubble column using solid polymers as mass transfer vectors	MARIA SOLEDAD CORDOVA AGUILAR ENRIQUE GALINDO FENTANES G. Quijano et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2020
20	Bacillus velezensis 83 a bacterial strain from mango phyllosphere, useful for biological control and plant growth promotion	VIRGINIA PATRICIA BUSTOS ARCOS ROSA ISELA SANTAMARIA GUTIERREZ VICTOR MANUEL GONZALEZ ZUÑIGA et al.	AMB Express	2020
21	Elicitation and biotransformation of 6-pentyl- α -pyrone in Trichoderma atroviride cultures	CELIA FLORES OCAMPO ENRIQUE GALINDO FENTANES LEOBARDO SERRANO CARREON et al.	PROCESS BIOCHEMISTRY	2019
22	Glucose limitation and glucose uptake rate determines metabolite production and sporulation in high cell density continuous cultures of Bacillus amyloliquefaciens 83	CELIA FLORES OCAMPO NOEMI FLORES MEJIA JOSE RAUNEL TINOCO VALENCIA et al.	JOURNAL OF BIOTECHNOLOGY	2019

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23	Oxygen uptake rate in alginate producer (algU plus) and nonproducer (algU-) strains of Azotobacter vinelandii under nitrogen-fixation conditions	CELIA FLORES OCAMPO DANIEL GENARO SEGURA GONZALEZ ENRIQUE GALINDO FENTANES et al.	JOURNAL OF APPLIED MICROBIOLOGY	2018
24	Effects of bacillomycin D homologues produced by Bacillus amyloliquefaciens 83 on growth and viability of Colletotrichum gloeosporioides at different physiological stages	JOSE RAUNEL TINOCO VALENCIA GERARDO ALFONSO CORZO BURGUETE ENRIQUE GALINDO FENTANES et al.	BIOLOGICAL CONTROL	2018
25	Air and oil dispersions in a four-phase fermentation model, studied under varying physicochemical conditions and retrofitted constant gassed power input	GABRIEL ISAAC CORKIDI BLANCO ENRIQUE GALINDO FENTANES Brito-Bazan, M. et al.	CHEMICAL ENGINEERING RESEARCH & DESIGN	2017
26	Diffusional and transcriptional mechanisms involved in laccases production by Pleurotus ostreatus CP50	NOEMI FLORES MEJIA JOSE RAUNEL TINOCO VALENCIA CELIA FLORES OCAMPO et al.	JOURNAL OF BIOTECHNOLOGY	2016
27	Molecular weight and viscosifying power of alginates produced in Azotobacter vinelandii cultures in shake flasks under low power input	CELIA FLORES OCAMPO ENRIQUE GALINDO FENTANES CARLOS FELIPE PEÑA MALACARA et al.	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY	2016
28	Analysis of respiratory activity and carbon usage of a mutant of Azotobacter vinelandii impaired in poly-beta-hydroxybutyrate synthesis	CELIA FLORES OCAMPO DANIEL GENARO SEGURA GONZALEZ ENRIQUE GALINDO FENTANES et al.	JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY	2016
29	Molecular mass of poly-3-hydroxybutyrate (P3HB) produced by Azotobacter vinelandii is determined by the ratio of synthesis and degradation under fixed dissolved oxygen tension	DANIEL GENARO SEGURA GONZALEZ ENRIQUE GALINDO FENTANES CARLOS FELIPE PEÑA MALACARA et al.	PROCESS BIOCHEMISTRY	2016
30	Gradient-Direction-Pattern Transform for Automated Measurement of Oil Drops in Images of Multiphase Dispersions	Alfonso RojasDominguez Alehli HolguinSalas ENRIQUE GALINDO FENTANES et al.	CHEMICAL ENGINEERING & TECHNOLOGY	2015
31	Foam production and hydrodynamic performance of a traditional Mexican molinillo (beater) in the chocolate beverage preparation process	Alehli HolguinSalas Diana LopezLopez GABRIEL ISAAC CORKIDI BLANCO et al.	FOOD AND BIOPRODUCTS PROCESSING	2015

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32	Role of oxygen in the polymerization and de-polymerization of alginate produced by <i>Azotobacter vinelandii</i>	CELIA FLORES OCAMPO ENRIQUE GALINDO FENTANES CARLOS FELIPE PEÑA MALACARA et al.	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY	2015
33	Hydrodynamics, Fungal Physiology, and Morphology	LEOBARDO SERRANO CARREON ENRIQUE GALINDO FENTANES J. A. RochaValadez et al.	Advances in Biochemical Engineering-Biotechnology	2015
34	High production of poly- β -hydroxybutyrate (PHB) by an <i>Azotobacter vinelandii</i> mutant altered in PHB regulation using a fed-batch fermentation process	ANDRES GARCIA AGUAYO DANIEL GENARO SEGURA GONZALEZ ELDA GUADALUPE ESPIN OCAMPO et al.	BIOCHEMICAL ENGINEERING JOURNAL	2014
35	Toward an understanding of the effects of agitation and aeration on growth and laccases production by <i>Pleurotus ostreatus</i>	JOSE RAUNEL TINOCO VALENCIA Cristina Gomez Cruz ENRIQUE GALINDO FENTANES et al.	JOURNAL OF BIOTECHNOLOGY	2014
36	Effective shear rates in shake flasks	CARLOS FELIPE PEÑA MALACARA ENRIQUE GALINDO FENTANES Giese, Heiner et al.	CHEMICAL ENGINEERING SCIENCE	2014
37	The acetylation degree of alginates in <i>Azotobacter vinelandii</i> ATCC9046 is determined by dissolved oxygen and specific growth rate: Studies in glucose-limited chemostat cultivations	Tania Castillo ENRIQUE GALINDO FENTANES CARLOS FELIPE PEÑA MALACARA	JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY	2013
38	Expression of alginases and alginate polymerase genes in response to oxygen, and their relationship with the alginate molecular weight in <i>Azotobacter vinelandii</i>	CELIA FLORES OCAMPO MA. SOLEDAD MORENO LEON ELDA GUADALUPE ESPIN OCAMPO et al.	ENZYME AND MICROBIAL TECHNOLOGY	2013
39	Cellular damage during drying and storage of <i>Trichoderma harzianum</i> spores	M. T. Fernandez Sandoval MYRIAM ORTIZ GARCIA ENRIQUE GALINDO FENTANES et al.	PROCESS BIOCHEMISTRY	2012
40	Spray-drying microencapsulation of <i>Trichoderma harzianum</i> conidias in carbohydrate polymers matrices	Ana Laura Munoz Celaya MYRIAM ORTIZ GARCIA ENRIQUE GALINDO FENTANES et al.	CARBOHYDRATE POLYMERS	2012

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41	Azotobacter vinelandii lacking the Na ⁺ -NQR activity: a potential source for producing alginates with improved properties and at high yield	Itzel Gaytan CARLOS FELIPE PEÑA MALACARA CINTHIA ERNESTINA NUÑEZ LOPEZ et al.	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY	2012
42	Visualization of compound drops formation in multiphase processes for the identification of factors influencing bubble and water droplet inclusions in oil drops	GABRIEL ISAAC CORKIDI BLANCO A. Rojas JAIME ARTURO PIMENTEL CABRERA et al.	CHEMICAL ENGINEERING RESEARCH & DESIGN	2012
43	The viscosifying power, degree of acetylation and molecular mass of the alginate produced by Azotobacter vinelandii in shake flasks are determined by the oxygen transfer rate	CARLOS FELIPE PEÑA MALACARA ENRIQUE GALINDO FENTANES Buechs, J.	PROCESS BIOCHEMISTRY	2011
44	Oxygen transfer rate during the production of alginate by Azotobacter vinelandii under oxygen-limited and non oxygen-limited conditions	Esteban Lozano ENRIQUE GALINDO FENTANES CARLOS FELIPE PEÑA MALACARA	MICROBIAL CELL FACTORIES	2011
45	Increasing Pleurotus ostreatus laccase production by culture medium optimization and copper/lignin synergistic induction	JOSE RAUNEL TINOCO VALENCIA Abisai Acevedo ENRIQUE GALINDO FENTANES et al.	JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY	2011
46	Two-stage fermentation process for alginate production by Azotobacter vinelandii mutant altered in poly-beta-hydroxybutyrate (PHB) synthesis	M. A. Mejia DANIEL GENARO SEGURA GONZALEZ ELDA GUADALUPE ESPIN OCAMPO et al.	JOURNAL OF APPLIED MICROBIOLOGY	2010
47	Production of laccases by Pleurotus ostreatus in submerged fermentation in co-culture with Trichoderma viride	CELIA FLORES OCAMPO R. Casasanero ENRIQUE GALINDO FENTANES et al.	JOURNAL OF APPLIED MICROBIOLOGY	2010
48	Design and characterization of a one-compartment scale-down system for simulating dissolved oxygen tension gradients	ENRIQUE GALINDO FENTANES OCTAVIO TONATIUH RAMIREZ REIVICH De Leon-Rodriguez, Antonio	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY	2010

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49	Influence of the oxygen transfer rate (OTR) on the alginate production and molecular mass of the polymer in cultures of <i>Azotobacter vinelandii</i> under oxygen-limited and non-oxygen	CARLOS FELIPE PEÑA MALACARA E. Lozano ENRIQUE GALINDO FENTANES	NEW BIOTECHNOLOGY	2009
50	Selection of <i>Trichoderma</i> strains capable of increasing laccase production by <i>Pleurotus ostreatus</i> and <i>Agaricus bisporus</i> in dual cultures	CELIA FLORES OCAMPO C. Vidal ENRIQUE GALINDO FENTANES et al.	JOURNAL OF APPLIED MICROBIOLOGY	2009
51	Accurate determination of embedded particles within dispersed elements in multiphase dispersions, using a 3D micro-stereoscopic vision system	GABRIEL ISAAC CORKIDI BLANCO T. Voinson BLANCA ITZEL TABOADA RAMIREZ et al.	CHEMICAL ENGINEERING SCIENCE	2008
52	An optical approach for identifying the nature and the relative 3D spatial position of components of complex structures formed in multiphase dispersion systems	MARIA SOLEDAD CORDOVA AGUILAR JOSE RUFINO DIAZ URIBE O. Escobar et al.	CHEMICAL ENGINEERING SCIENCE	2008
53	Production of alginate by <i>Azotobacter vinelandii</i> in a stirred fermentor simulating the evolution of power input observed in shake flasks	CARLOS FELIPE PEÑA MALACARA M. Millan ENRIQUE GALINDO FENTANES	PROCESS BIOCHEMISTRY	2008
54	A fermentation system designed to independently evaluate mixing and/or oxygen tension effects in microbial processes: Development, application and performance	VERONICA ALBITER HERNANDEZ LEOBARDO SERRANO CARREON ENRIQUE GALINDO FENTANES et al.	BIOPROCESS AND BIOSYSTEMS ENGINEERING	2007
55	Molecular and bioengineering strategies to improve alginate and polydihydroxyalkanoate production by <i>Azotobacter vinelandii</i>	ENRIQUE GALINDO FENTANES CARLOS FELIPE PEÑA MALACARA CINTHIA ERNESTINA NUÑEZ LOPEZ et al.	MICROBIAL CELL FACTORIES	2007
56	The oxygen transfer rate influences the molecular mass of the alginate produced by <i>Azotobacter vinelandii</i>	CARLOS FELIPE PEÑA MALACARA ENRIQUE GALINDO FENTANES Díaz-Barrera A.	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	2007
57	The influence of circulation frequency on fungal morphology: A case study considering Kolmogorov microscale in constant specific energy dissipation rate cultures of <i>Trichoderma harzianum</i>	ENRIQUE GALINDO FENTANES LEOBARDO SERRANO CARREON Rocha-Valadez J.A.	JOURNAL OF BIOTECHNOLOGY	2007

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58	Evolution of the specific power consumption and oxygen transfer rate in alginate-producing cultures of <i>Azotobacter vinelandii</i> conducted in shake flasks	CARLOS FELIPE PEÑA MALACARA ENRIQUE GALINDO FENTANES Peter C.P. et al.	BIOCHEMICAL ENGINEERING JOURNAL	2007
59	Microorganisms in the biological control of insects y phytopathogens [Los microorganismos en el control biológico de insectos y fitopatógenos]	ENRIQUE GALINDO FENTANES MARTIN PATIÑO VERA LEOBARDO SERRANO CARREON et al.	Revista Latinoamericana de Microbiología	2006
60	Living with heterogeneities in bioreactors: Understanding the effects of environmental gradients on cells	ENRIQUE GALINDO FENTANES OCTAVIO TONATIUH RAMIREZ REIVICH LAURA ALICIA PALOMARES AGUILERA et al.	MOLECULAR BIOTECHNOLOGY	2006
61	From shake flasks to stirred fermentors: Scale-up of an extractive fermentation process for 6-pentyl- α -pyrone production by <i>Trichoderma harzianum</i> using volumetric power input	ENRIQUE GALINDO FENTANES LEOBARDO SERRANO CARREON Antonio Rocha-Valadez J. et al.	PROCESS BIOCHEMISTRY	2006
62	Manipulation of the acetylation degree of <i>Azotobacter vinelandii</i> alginate by supplementing the culture medium with 3-(N-morpholino)-propane-sulfonic acid	CARLOS FELIPE PEÑA MALACARA LUCIANO HERNANDEZ GOMEZ ENRIQUE GALINDO FENTANES	LETTERS IN APPLIED MICROBIOLOGY	2006
63	Assessing mango anthracnose using a new three-dimensional image-analysis technique to quantify lesions on fruit	GABRIEL ISAAC CORKIDI BLANCO BLANCA ITZELT TABOADA RAMIREZ LEOBARDO SERRANO CARREON et al.	PLANT PATHOLOGY	2006
64	Application of a stereoscopic vision system for the accurate measure of air bubbles density trapped in oil drops in a model fermentation system	MARIA SOLEDAD CORDOVA AGUILAR GABRIEL ISAAC CORKIDI BLANCO ENRIQUE GALINDO FENTANES	Aiche Annual Meeting, Conference Proceedings	2005
65	Production of β -galactosidase by <i>Kluyveromyces marxianus</i> under oscillating dissolved oxygen tension	MAURICIO ALBERTO TRUJILLO ROLDAN OCTAVIO TONATIUH RAMIREZ REIVICH ENRIQUE GALINDO FENTANES et al.	PROCESS BIOCHEMISTRY	2005
66	6-Pentyl- α -pyrone production by <i>trichoderma harzianum</i> : The influence of energy dissipation rate and its implications on fungal physiology	GABRIEL ISAAC CORKIDI BLANCO CELIA FLORES OCAMPO ENRIQUE GALINDO FENTANES et al.	BIOTECHNOLOGY AND BIOENGINEERING	2005
67	Specific growth rate determines the molecular mass of the alginate produced by <i>Azotobacter vinelandii</i>	CARLOS FELIPE PEÑA MALACARA OCTAVIO TONATIUH RAMIREZ REIVICH ENRIQUE GALINDO FENTANES et al.	BIOCHEMICAL ENGINEERING JOURNAL	2005

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68	Pilot-scale production and liquid formulation of <i>Rhodotorula minuta</i> , a potential biocontrol agent of mango anthracnose	MARTIN PATIÑO VERA ENRIQUE GALINDO FENTANES Jiménez B. et al.	JOURNAL OF APPLIED MICROBIOLOGY	2005
69	Quantitative characterisation of the morphology of <i>Trichoderma harzianum</i> cultured in shake-flasks and containing Tween 40	ENRIQUE GALINDO FENTANES Lucatero S. Larralde-Corona C.P.	BIOTECHNOLOG Y LETTERS	2004
70	Measurement of power consumption in stirred vessels-a review	GABRIEL ASCANIO GASCA ENRIQUE GALINDO FENTANES Castro B.	CHEMICAL ENGINEERING RESEARCH & DESIGN	2004
71	Production of 6-pentyl- α -pyrone by <i>Trichoderma harzianum</i> cultured in unbaffled and baffled shake flasks	ENRIQUE GALINDO FENTANES CELIA FLORES OCAMPO GABRIEL ISAAC CORKIDI BLANCO et al.	BIOCHEMICAL ENGINEERING JOURNAL	2004
72	The roles of oxygen and alginate-lyase in determining the molecular weight of alginate produced by <i>Azotobacter vinelandii</i>	MAURICIO ALBERTO TRUJILLO ROLDAN MA. SOLEDAD MORENO LEON ELDA GUADALUPE ESPIN OCAMPO et al.	APPLIED MICROBIOLOGY AND BIOTECHNOLOG Y	2004
73	Online sauter diameter measurement of air bubbles and oil drops in stirred bioreactors by using hough transform	LETICIA VEGA ALVARADO MARIA SOLEDAD CORDOVA AGUILAR BLANCA ITZEL TABOADA RAMIREZ et al.	Lecture Notes in Computer Science	2004
74	Phases dispersion and oxygen transfer in a simulated fermentation broth containing castor oil and proteins	ENRIQUE GALINDO FENTANES Pulido-Mayoral N.	BIOTECHNOLOG Y PROGRESS	2004
75	Components in the inoculum determine the kinetics of <i>Azotobacter vinelandii</i> cultures and the molecular weight of its alginate	MAURICIO ALBERTO TRUJILLO ROLDAN CARLOS FELIPE PEÑA MALACARA ENRIQUE GALINDO FENTANES	BIOTECHNOLOG Y LETTERS	2003
76	Reproducing shake flasks performance in stirred fermentors: Production of alginates by <i>Azotobacter vinelandii</i>	CARLOS FELIPE PEÑA MALACARA ENRIQUE GALINDO FENTANES Reyes C.	JOURNAL OF BIOTECHNOLOG Y	2003
77	Alginate production by an <i>Azotobacter vinelandii</i> mutant unable to produce alginate lyase	MAURICIO ALBERTO TRUJILLO ROLDAN MA. SOLEDAD MORENO LEON DANIEL GENARO SEGURA GONZALEZ et al.	APPLIED MICROBIOLOGY AND BIOTECHNOLOG Y	2003

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78	Alginate production by <i>Azotobacter vinelandii</i> mutants altered in poly- β -hydroxybutyrate and alginate biosynthesis	CARLOS FELIPE PEÑA MALACARA DANIEL GENARO SEGURA GONZALEZ CINTHIA ERNESTINA NUÑEZ LOPEZ et al.	JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY	2002
79	Characterization of <i>Azotobacter vinelandii</i> aggregation in submerged culture by digital image analysis	CARLOS FELIPE PEÑA MALACARA GABRIEL ISAAC CORKIDI BLANCO ENRIQUE GALINDO FENTANES et al.	FEMS MICROBIOLOGY LETTERS	2002
80	Accurate and rapid viability assessment of <i>Trichoderma harzianum</i> using fluorescence-based digital image analysis	GABRIEL ISAAC CORKIDI BLANCO ENRIQUE GALINDO FENTANES CELIA FLORES OCAMPO et al.	BIOTECHNOLOGY AND BIOENGINEERING	2002
81	Effectiveness factor in biological external convection: Study in high viscosity systems	CARLOS FELIPE PEÑA MALACARA ENRIQUE GALINDO FENTANES Díaz M.	JOURNAL OF BIOTECHNOLOGY	2002
82	Distribution of the free and oil-trapped air bubbles in simulated broths containing fungal biomass	ENRIQUE GALINDO FENTANES Larralde-Corona C.P. Córdova Ma.S.	CANADIAN JOURNAL OF CHEMICAL ENGINEERING	2002
83	Oil and fungal biomass dispersion in a stirred tank containing a simulated fermentation broth	MARIA SOLEDAD CORDOVA AGUILAR LEOBARDO SERRANO CARREON ENRIQUE GALINDO FENTANES et al.	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY	2001
84	Erratum: Two useful dimensionless parameters that combine physiological, operational and bioreactor design parameters for improved control of dissolved oxygen (Biotechnology Letters (2001) 23 (1051-1056))	ENRIQUE GALINDO FENTANES OCTAVIO TONATIUH RAMIREZ REIVICH De León A. et al.	BIOTECHNOLOGY LETTERS	2001
85	High CO ₂ affects alginate production and prevents polymer degradation in cultures of <i>Azotobacter vinelandii</i>	CARLOS FELIPE PEÑA MALACARA ENRIQUE GALINDO FENTANES Seáñez G.	ENZYME AND MICROBIAL TECHNOLOGY	2001
86	The potential application of aqueous two-phase systems for in situ recovery of 6-pentyl- α -pyrone produced by <i>Trichoderma harzianum</i>	CELIA FLORES OCAMPO ENRIQUE GALINDO FENTANES LEOBARDO SERRANO CARREON et al.	ENZYME AND MICROBIAL TECHNOLOGY	2001

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87	Effect of the impeller-sparger configuration over <i>Trichoderma harzianum</i> growth in four-phases cultures under constant dissolved oxygen	ENRIQUE GALINDO FENTANES LEOBARDO SERRANO CARREON Rocha-Valadez J.A.	BIOPROCESS ENG	2000
88	Study of drop and bubble sizes in a simulated mycelial fermentation- broth of up to four phases	ENRIQUE GALINDO FENTANES Pacek A.W. Nienow A.W.	BIOTECHNOLOG Y AND BIOENGINEERIN G	2000
89	EJB Electronic Journal of Biotechnology: Editorial	ENRIQUE GALINDO FENTANES	Electronic Journal Of Biotechnology	1999
90	Broth rheology, growth and metabolite production of <i>Beta vulgaris</i> suspension culture: A comparative study between cultures grown in shake flasks and in a stirred tank	ENRIQUE GALINDO FENTANES Rodríguez-Monroy M.	ENZYME AND MICROBIAL TECHNOLOGY	1999
91	Microbial sensor for new-generation cephalosporins based in a protein-engineered β -lactamase	JOEL OSUNA QUINTERO FRANCISCO XAVIER DEL ESPIRITU SANTO SOBERON MAINERO ENRIQUE GALINDO FENTANES et al.	APPLIED BIOCHEMISTRY AND BIOTECHNOLOG Y	1998
92	Bioprocess engineering	ENRIQUE GALINDO FENTANES Ramírez O.T.	TRENDS IN BIOTECHNOLOG Y	1998
93	Prediction of xanthan fermentation development by a model linking kinetics, power drawn and mixing	LEOBARDO SERRANO CARREON ENRIQUE GALINDO FENTANES Corona R.M. et al.	PROCESS BIOCHEMISTRY	1998
94	A microbial biosensor for 6-aminopenicillanic acid	ENRIQUE GALINDO FENTANES JOEL OSUNA QUINTERO FRANCISCO XAVIER DEL ESPIRITU SANTO SOBERON MAINERO et al.	ENZYME AND MICROBIAL TECHNOLOGY	1998
95	The influence of impeller type in pilot scale Xanthan fermentations	LEOBARDO SERRANO CARREON ENRIQUE GALINDO FENTANES Amanullah A. et al.	BIOTECHNOLOG Y AND BIOENGINEERIN G	1998
96	Changes in alginate molecular mass distributions, broth viscosity and morphology of <i>Azotobacter vinelandii</i> cultured in shake flasks	CARLOS FELIPE PEÑA MALACARA ENRIQUE GALINDO FENTANES Campos N.	APPLIED MICROBIOLOGY AND BIOTECHNOLOG Y	1997

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97	Characterization of xanthans from selected <i>Xanthomonas</i> strains cultivated under constant dissolved oxygen	ENRIQUE GALINDO FENTANES Sánchez A. Ramírez M.E. et al.	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOG Y	1997
98	?-decalactone production by <i>Trichoderma harzianum</i> in stirred bioreactors	LEOBARDO SERRANO CARREON CELIA FLORES OCAMPO ENRIQUE GALINDO FENTANES	BIOTECHNOLOG Y PROGRESS	1997
99	β -Galactosidase production by <i>Kluyveromyces marxianus</i> cultured in shake flasks	ENRIQUE GALINDO FENTANES Topete M. Casas L.T.	Revista Latinoamerican a de Microbiologia	1997
100	A postfermentative stage improves penicillin acylase production by a recombinant <i>E. Coli</i>	ENRIQUE GALINDO FENTANES OCTAVIO TONATIUH RAMIREZ REIVICH De León A.	BIOTECHNOLOG Y LETTERS	1996
101	High-yield recovery of xanthan by precipitation with isopropyl alcohol in a stirred tank	ENRIQUE GALINDO FENTANES VERONICA ALBITER HERNANDEZ	BIOTECHNOLOG Y PROGRESS	1996
102	Reproducibility of pilot scale Xanthan fermentations	ENRIQUE GALINDO FENTANES Amanullah A. Serrano L.-C. et al.	BIOTECHNOLOG Y PROGRESS	1996
103	<i>Xanthomonas campestris</i> as a host for the production of recombinant <i>Pseudomonas aeruginosa</i> lipase	ENRIQUE GALINDO FENTANES GLORIA SOBERON CHAVEZ Leza A. et al.	Journal Of Industrial Microbiology	1996
104	A comparison of cavern development in mixing a yield stress fluid by Rushton and Intermig impellers	ENRIQUE GALINDO FENTANES VERONICA ALBITER HERNANDEZ ALFREDO MARTINEZ JIMENEZ et al.	CHEMICAL ENGINEERING & TECHNOLOGY	1996
105	Detergents improve xanthan yield and polymer quality in cultures of <i>Xanthomonas campestris</i>	ENRIQUE GALINDO FENTANES Salcedo G.	ENZYME AND MICROBIAL TECHNOLOGY	1996

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Transgénicos. Grandes beneficios, ausencia de daños y mitos	FRANCISCO GONZALO BOLIVAR ZAPATA CARLOS FEDERICO ARIAS ORTIZ ENRIQUE GALINDO FENTANES et al.	Libro Completo	2017	9786078379286
2	Hydrodynamics, Fungal Physiology, and Morphology	LEOBARDO SERRANO CARREON GABRIEL ISAAC CORKIDI BLANCO ENRIQUE GALINDO FENTANES	Capítulo de un Libro	2015	9783319205113
3	A Tarefa da Ciência Experimental ? Um Guia Prático para Pesquisar e Informar Resultados nas Ciências Naturais	ENRIQUE GALINDO FENTANES	Libro Completo	2014	9788521626275
4	Microbios, fermentaciones y biotecnología	ENRIQUE GALINDO FENTANES	Capítulo de un Libro	2014	9786070251795
5	La Ciencia, desde Morelos para el Mundo. Tomo II, Biología: del ambiente a la genómica	ENRIQUE GALINDO FENTANES SERGIO CUEVAS GARCIA HERNAN LARRALDE RIDAURA et al.	Libro Completo	2013	9786079568214
6	El quehacer de la ciencia experimental. Una guía práctica para investigar y reportar resultados en las ciencias naturales	ENRIQUE GALINDO FENTANES	Libro Completo	2013	9786070304590

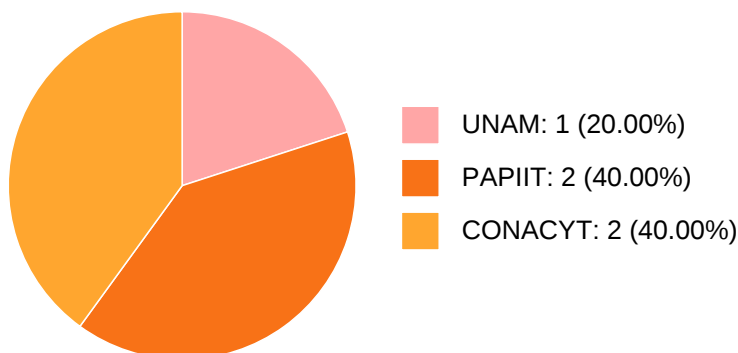
ENRIQUE GALINDO FENTANES

7	La Ciencia, desde Morelos para el Mundo. Tomo III, Física, Química y Matemáticas	GEORGINA HERNANDEZ DELGADO ENRIQUE GALINDO FENTANES SERGIO CUEVAS GARCIA et al.	Libro Completo	2013	9786079568238
8	La Ciencia, desde Morelos para el Mundo. Tomo II, Biología: del ambiente a la genómica	SERGIO CUEVAS GARCIA ENRIQUE GALINDO FENTANES GEORGINA HERNANDEZ DELGADO et al.	Libro Completo	2012	9786079568214
9	La Ciencia, desde Morelos para el Mundo. Tomo II, Biología: del ambiente a la genómica	GEORGINA HERNANDEZ DELGADO ENRIQUE GALINDO FENTANES SERGIO CUEVAS GARCIA et al.	Libro Completo	2012	9786079568221
10	For the responsible use of genetically modified organisms	FRANCISCO GONZALO BOLIVAR ZAPATA CARLOS FEDERICO ARIAS ORTIZ CASIMIRA ELENA ARRIAGA ARELLANO et al.	Libro Completo	2012	9786079516642
11	La ciencia desde Morelos para el mundo	SERGIO CUEVAS GARCIA HERNAN LARRALDE RIDAURA ENRIQUE GALINDO FENTANES et al.	Libro Completo	2011	9786079568207
12	La ciencia, desde Morelos para el mundo Tomo I: Ciencia y sociedad	GEORGINA HERNANDEZ DELGADO ENRIQUE GALINDO FENTANES SERGIO CUEVAS GARCIA et al.	Libro Completo	2011	9786079568207

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Entendiendo la inhomogeneidad de la dispersión multifásica y de la transferencia de oxígeno en sistemas modelo y de fermentación, a escala piloto	ENRIQUE GALINDO FENTANES	Recursos CONACYT	15-05-2015	11-06-2018
2	Efectos hidrodinámicos, desarrollo y escalamiento de procesos de fermentación. Fisiología y bioprocesamiento de cultivos miceliares.	ENRIQUE GALINDO FENTANES	Presupuesto de la UNAM asignado a la Dependencia	01-01-2014	30-06-2021
3	Integración de Desarrollos en Biotecnología, automatización y tecnologías de la información para establecer un modelo escalable de producción sustentable e inocua de hortalizas en invernadero	ENRIQUE GALINDO FENTANES	Recursos CONACYT	06-10-2015	30-10-2018
4	Estudio del consumo de potencia y la velocidad de transferencia y consumo de oxígeno en cultivos bacterianos y miceliares en matraces agitados	ENRIQUE GALINDO FENTANES	Recursos PAPIIT	01-01-2016	30-03-2018



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5	Control del flujo metabólico de carbono para la producción de ácido poli- γ -glutámico, el crecimiento vegetativo y la esporulación de <i>Bacillus velezensis</i> 83	ENRIQUE GALINDO FENTANES LEOBARDO SERRANO CARREON	Recursos PAPIIT	01-01-2021	31-12-2023
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PARTICIPACIÓN EN TESIS

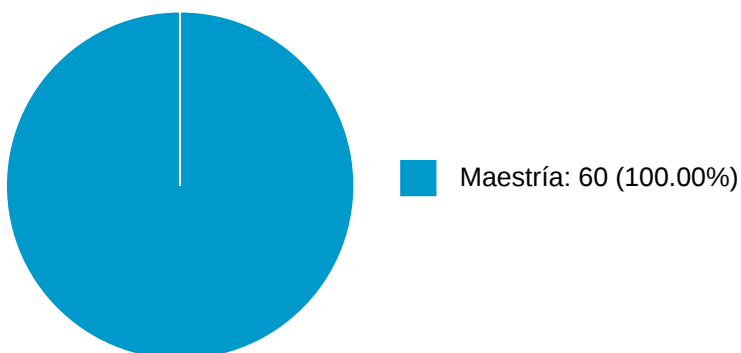
No se encuentran registros en la base de datos de TESIUNAM asociados a:

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	SEMINARIO DE INVESTIGACIÓN III	Instituto de Biología	1	2021-1
2	Maestría	TRABAJO DE INVESTIGACIÓN III	Instituto de Biología	1	2021-1
3	Maestría	TRABAJO DE INVESTIGACIÓN III	Instituto de Biología	1	2020-2
4	Maestría	TRABAJO DE INVESTIGACIÓN II	Instituto de Biología	1	2020-2
5	Maestría	SEMINARIO DE INVESTIGACIÓN III	Instituto de Biología	1	2020-2
6	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Biología	1	2020-2
7	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Biología	1	2020-1
8	Maestría	TRABAJO DE INVESTIGACIÓN III	Instituto de Biología	1	2020-1
9	Maestría	SEMINARIO DE INVESTIGACIÓN III	Instituto de Biología	1	2020-1
10	Maestría	TRABAJO DE INVESTIGACIÓN I	Instituto de Biología	1	2020-1
11	Maestría	SEMINARIO DE INVESTIGACIÓN III	Instituto de Biología	1	2019-2
12	Maestría	TRABAJO DE INVESTIGACIÓN III	Instituto de Biología	1	2019-2
13	Maestría	TRABAJO DE INVESTIGACIÓN I	Instituto de Biología	1	2019-2
14	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Biología	1	2019-2
15	Maestría	TRABAJO DE INVESTIGACIÓN II	Instituto de Biología	1	2019-2
16	Maestría	TRABAJO DE INVESTIGACIÓN II	Instituto de Biología	1	2019-1
17	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Biología	1	2019-1
18	Maestría	TRABAJO DE INVESTIGACIÓN I	Instituto de Biología	1	2019-1
19	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biología	1	2018-2
20	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biología	1	2018-1
21	Maestría	SEMINARIO DE INVESTIGACION III-313474	Instituto de Biología	1	2017-1
22	Maestría	TRABAJO DE INVESTIGACION III-313543	Instituto de Biología	1	2017-1
23	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biología	1	2016-2
24	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biología	1	2016-2

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25	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	1	2016-2
26	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	1	2016-1
27	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Química	1	2015-1
28	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Química	1	2014-2
29	Maestría	TRABAJO DE INVESTIGACION II	Facultad de Química	1	2014-1
30	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	1	2013-1
31	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2011-2
32	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Biotecnología	1	2011-2
33	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Biotecnología	1	2011-1
34	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2011-1
35	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2011-1
36	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	1	2011-1
37	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	1	2010-2
38	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	1	2010-2
39	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Biotecnología	1	2010-2
40	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2010-2
41	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Biotecnología	2	2010-1
42	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2010-1
43	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2010-1
44	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Biotecnología	1	2010-1
45	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	1	2010-1
46	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2010-1
47	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	2	2009-2
48	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	2	2009-2
49	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Biotecnología	2	2009-2
50	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2009-2
51	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2009-2
52	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2009-2
53	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Biotecnología	1	2009-1
54	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2009-1
55	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Biotecnología	2	2009-1
56	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	2	2009-1
57	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	1	2008-2
58	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2008-2
59	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	2	2008-1
60	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Biotecnología	2	2008-1



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PATENTES

#	Título	Inventores	Sección	Año
1	METODO PARA OBTENER UNA COMPOSICION SOLIDA CON RHODOTORULA MINUTA, EFECTIVA PARA CONTROL BIOLOGICO DE ANTRACNOSIS Y LA COMPOSICION OBTENIDA.	ENRIQUE GALINDO FENTANES, LEOBARDO SERRANO CARREON, MARTIN PATIÑO VERA,	HUMAN NECESSITIES	2011

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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