



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



JAVIER FERNANDEZ TORRES

Datos Generales

Nombre: JAVIER FERNANDEZ TORRES

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 19 años

Nombramientos

Vigente: PROFESOR ASIGNATURA A TP No Definitivo
Facultad de Química
Desde 01-02-2018

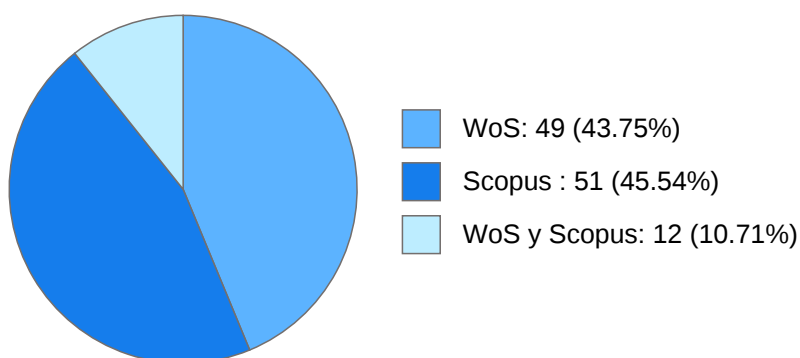
Estímulos, programas, premios y reconocimientos

SNI IIVIGENTE
SNI I 2020 - 2024

JAVIER FERNANDEZ TORRES

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Preliminary study on the potential damage of cigarette smoke extract in 3D human chondrocyte culture	JAVIER FERNANDEZ TORRES AMBAR LOPEZ MACAY ROBERTO SANCHEZ SANCHEZ et al.	IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-ANIMA L	2025
2	Metatranscriptomic analysis reveals gut microbiome bacterial genes in pyruvate and amino acid metabolism associated with hyperuricemia and gout in humans	EFREN ALTAMIRANO MOLINA NORA JANITZIA VAZQUEZ MELLADO CERVANTES CARLOS ALBERTO LOZADA PEREZ et al.	SCIENTIFIC REPORTS	2025
3	Cadmium exposure and its role in joint disease: A brief review of experimental and population-based evidence	LUIS CAMILO RIOS CASTAÑEDA YESSICA EDUVIGES ZAMUDIO CUEVAS JAVIER FERNANDEZ TORRES et al.	JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY	2025
4	Relationship between biofilm-forming microorganisms (BFM: <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i>) and <i>DEFB1</i> gene variants on β -defensin levels in periprosthetic joint infection (PJI)	JAVIER FERNANDEZ TORRES Yessica Zamudio-Cuevas Karina Martinez-Flores et al.	MOLECULAR BIOLOGY REPORTS	2024

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5	MICA and NLRP3 gene polymorphisms interact synergistically affecting the risk of ankylosing spondylitis	JAVIER FERNANDEZ TORRES AMBAR LOPEZ MACAY Zamudio-Cuevas Y. et al.	IMMUNOLOGIC RESEARCH	2024
6	DMAR drug loaded in enzymatic poly-L-phenylalanine nanotubes reduce inflammation and cytotoxicity in human synoviocytes	ANGEL HERNANDEZ ALONSO CARMINA MONTIEL PACHECO MARIANA RAMIREZ GILLY et al.	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	2024
7	β -Defensin versus conventional markers of inflammation in periprosthetic joint infection: a retrospective study	JAVIER FERNANDEZ TORRES YESSICA EDUVIGES ZAMUDIO CUEVAS AMBAR LOPEZ MACAY et al.	PEERJ	2024
8	Relationship between rs4349859 and rs116488202 polymorphisms close to MHC-I region and serum urate levels in patients with gout	JAVIER FERNANDEZ TORRES ROBERTO SANCHEZ SANCHEZ Yessica Zamudio-Cuevas et al.	MOLECULAR BIOLOGY REPORTS	2023
9	Antiphagocytic Properties of Polygallic Acid with Implications in Gouty Inflammation	AMBAR LOPEZ MACAY CARLOS ALBERTO LOZADA PEREZ KARINA MARTINEZ FLORES et al.	Inflammation	2023
10	Impact of Cadmium Mediated by Tobacco Use in Musculoskeletal Diseases (Jul, 10.1007/s12011-021-02814-y, 2021)	JAVIER FERNANDEZ TORRES CARLOS ALBERTO LOZADA PEREZ Y. Zamudio-Cuevas et al.	BIOLOGICAL TRACE ELEMENT RESEARCH	2022
11	Impact of Cadmium Mediated by Tobacco Use in Musculoskeletal Diseases	JAVIER FERNANDEZ TORRES CARLOS ALBERTO LOZADA PEREZ Y. Zamudio-Cuevas et al.	BIOLOGICAL TRACE ELEMENT RESEARCH	2022
12	HLA-B27 may modulate the interaction between ERAP1 polymorphisms and smoking in ankylosing spondylitis patients	JAVIER FERNANDEZ TORRES Zamudio-Cuevas Y. Montaña-Armendariz N. et al.	MOLECULAR BIOLOGY REPORTS	2022
13	Anti-inflammatory and Antioxidant Effect of Poly-gallic Acid (PGAL) in an In Vitro Model of Synovitis Induced by Monosodium Urate Crystals	JAVIER FERNANDEZ TORRES MIGUEL GIMENO SECO ROBERTO SANCHEZ SANCHEZ et al.	Inflammation	2022
14	The interplay between HLA-B and NLRP3 polymorphisms may be associated with the genetic susceptibility of gout	JAVIER FERNANDEZ TORRES ROBERTO SANCHEZ SANCHEZ LUIS JAVIER JARA QUEZADA et al.	MOLECULAR BIOLOGY REPORTS	2022
15	Synovial membrane mesenchymal stem cells for cartilaginous tissues repair	JAVIER FERNANDEZ TORRES Zamudio-Cuevas Y. Plata-Rodríguez R. et al.	MOLECULAR BIOLOGY REPORTS	2022
16	Osteogenic Potential of Monosodium Urate Crystals in Synovial Mesenchymal Stem Cells	AMBAR LOPEZ MACAY JAVIER FERNANDEZ TORRES Martínez-Flores K. et al.	MEDICINA-LITHUANIA	2022

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17	Taxonomic variations in the gut microbiome of gout patients with and without tophi might have a functional impact on urate metabolism	NORA JANITZIA VAZQUEZ MELLADO CERVANTES JAVIER FERNANDEZ TORRES LUIS HUMBERTO SILVEIRA TORRE et al.	MOLECULAR MEDICINE	2021
18	Synovial fluid analysis for the enhanced clinical diagnosis of crystal arthropathies in a tertiary care institution	KARINA MARTINEZ FLORES LUCIO VENTURA RIOS NORA JANITZIA VAZQUEZ MELLADO CERVANTES et al.	Clinical Rheumatology	2021
19	Soluble inflammatory mediators of synoviocytes stimulated by monosodium urate crystals induce the production of oxidative stress, pain, and inflammation mediators in chondrocytes: Secretome of synoviocytes induces chondrocyte damage	JAVIER FERNANDEZ TORRES López-Reyes A. Medina-Luna D. et al.	Clinical Rheumatology	2021
20	A proposed HLA-B*27 screening method for ankylosing spondylitis detection based on tag-single nucleotide polymorphisms: a preliminary study	KARINA MARTINEZ FLORES ROBERTO SANCHEZ SANCHEZ JAVIER FERNANDEZ TORRES et al.	MOLECULAR BIOLOGY REPORTS	2021
21	Ancestral contribution of the muscle-specific creatine kinase (CKM) polymorphism rs4884 in the knee osteoarthritis risk: a preliminary study	JAVIER FERNANDEZ TORRES Martínez-Nava G.A. Zamudio-Cuevas Y. et al.	Clinical Rheumatology	2021
22	Correction to: Afatinib is active in osteosarcoma cell lines (Journal of Cancer Research and Clinical Oncology, (2020), 146, 7, (1693-1700), 10.1007/s00432-020-03220-y)	KARINA MARTINEZ FLORES JAVIER FERNANDEZ TORRES Cruz-Ramos M. et al.	JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY	2020
23	Impact of cadmium toxicity on cartilage loss in a 3D in vitro model	JAVIER FERNANDEZ TORRES MARIA AURORA ARMIENTA HERNANDEZ MARIA DE JESUS GONZALEZ GUADARRAMA et al.	ENVIRONMENTA L TOXICOLOGY AND PHARMACOLOG Y	2020
24	Effect of cadmium on the concentration of essential metals in a human chondrocyte micromass culture	JAVIER FERNANDEZ TORRES MARIA AURORA ARMIENTA HERNANDEZ ELIZABETH HERNANDEZ ALVAREZ et al.	JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY	2020
25	Afatinib is active in osteosarcoma in osteosarcoma cell lines	KARINA MARTINEZ FLORES JAVIER FERNANDEZ TORRES Cruz-Ramos M. et al.	JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY	2020

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26	Multifactor dimensionality reduction reveals a strong gene-gene interaction between STC1 and COL11A1 genes as a possible risk factor of knee osteoarthritis	JAVIER FERNANDEZ TORRES KARINA MARTINEZ FLORES Martínez-Nava G.A. et al.	MOLECULAR BIOLOGY REPORTS	2020
27	Epistasis of polymorphisms related to the articular cartilage extracellular matrix in knee osteoarthritis: Analysis-based multifactor dimensionality reduction	JAVIER FERNANDEZ TORRES CARLOS ALBERTO LOZADA PEREZ KARINA MARTINEZ FLORES et al.	Genetics And Molecular Biology	2020
28	Risk of Wnt/ β -catenin signalling pathway gene polymorphisms in primary Sjögren's syndrome	JAVIER FERNANDEZ TORRES JOSE MANUEL RODRIGUEZ PEREZ Pérez-Hernández N. et al.	Rheumatology	2020
29	Effect of cadmium on the viability on monolayer cultures of synoviocytes, chondrocytes, and Hoffa: A preliminary study	JAVIER FERNANDEZ TORRES R. Plata-Rodríguez Y. Zamudio-Cuevas et al.	TOXICOLOGY AND INDUSTRIAL HEALTH	2020
30	Monosodium urate-like crystals in stools of a gouty patient: intestinal tophi?	ESTELA SANDOVAL ZAPOTITLA JAVIER FERNANDEZ TORRES Y. Zamudio-Cuevas et al.	CLINICAL AND EXPERIMENTAL RHEUMATOLOGY	2020
31	Highlight Article: Phagocytosis of monosodium urate crystals by human synoviocytes induces inflammation	JAVIER FERNANDEZ TORRES Zamudio-Cuevas Y. Martínez-Nava G.A. et al.	EXPERIMENTAL BIOLOGY AND MEDICINE	2019
32	Impact of the gene-gene interactions related to the HIF-1 α signaling pathway with the knee osteoarthritis development	JAVIER FERNANDEZ TORRES CARLOS ALBERTO LOZADA PEREZ Martínez-Nava G.A. et al.	Clinical Rheumatology	2019
33	Common gene variants interactions related to uric acid transport are associated with knee osteoarthritis susceptibility	JAVIER FERNANDEZ TORRES Martínez-Nava G.A. Oliviero F. et al.	CONNECTIVE TISSUE RESEARCH	2019
34	Epistasis between ADIPOQ rs1501299 and PON1 rs662 polymorphisms is potentially associated with the development of knee osteoarthritis	JAVIER FERNANDEZ TORRES ROLANDO ESPINOSA MORALES Martínez-Nava G.A. et al.	MOLECULAR BIOLOGY REPORTS	2019
35	Toxicity of cadmium in musculoskeletal diseases	CARLOS ALBERTO LOZADA PEREZ JAVIER FERNANDEZ TORRES EMILIO ROJAS DEL CASTILLO et al.	ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY	2019
36	The association of AKNA gene polymorphisms with knee osteoarthritis suggests the relevance of this immune response regulator in the disease genetic susceptibility	JAVIER FERNANDEZ TORRES ROLANDO ESPINOSA MORALES CARLOS ALBERTO LOZADA PEREZ et al.	MOLECULAR BIOLOGY REPORTS	2018

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37	Gene-gene interactions of the Wnt/ β -catenin signaling pathway in knee osteoarthritis	JAVIER FERNANDEZ TORRES CARLOS ALBERTO LOZADA PEREZ Zamudio-Cuevas Y. et al.	MOLECULAR BIOLOGY REPORTS	2018
38	Emergent nanotherapies in microcrystal-induced arthritis	JAVIER FERNANDEZ TORRES Zamudio-Cuevas Y. Martínez-Nava G.A. et al.	INTERNATIONAL IMMUNOPHARM ACOLOGY	2018
39	Fast morphological gallbladder changes triggered by a hypercholesterolemic diet	JAVIER FERNANDEZ TORRES ERENDIRA GEORGINA ESTRADA VILLASEÑOR GILBERTO VARGAS ALARCON et al.	Annals Of Hepatology	2018
40	Hypoxia-Inducible Factors (HIFs) in the articular cartilage: a systematic review	JAVIER FERNANDEZ TORRES Zamudio-Cuevas Y. Martínez-Nava G.A. et al.	EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES	2017
41	Hyperlipidemic microenvironment conditionates damage mechanisms in human chondrocytes by oxidative stress	JAVIER FERNANDEZ TORRES CRISTINA HERNANDEZ DIAZ Medina-Luna D. et al.	LIPIDS IN HEALTH AND DISEASE	2017
42	Role of HIF-1 α signaling pathway in osteoarthritis: a systematic review	JAVIER FERNANDEZ TORRES Martínez-Nava G.A. Gutiérrez-Ruíz M.C. et al.	REV BRAS REUMATOL	2017
43	HIF1A (rs11549465) and AKNA (rs10817595) gene polymorphisms are associated with primary Sjögren's syndrome	JOSE MANUEL RODRIGUEZ PEREZ JAVIER FERNANDEZ TORRES Hernández-Molina G. et al.	BIOMED RESEARCH INTERNATIONAL	2017
44	Role of HIF-1 α signaling pathway in osteoarthritis: A systematic review	JAVIER FERNANDEZ TORRES Martínez-Nava G.A. Gutiérrez-Ruíz M.C. et al.	REV BRAS REUMATOL	2017
45	Monosodium urate crystals induce oxidative stress in human synoviocytes	JAVIER FERNANDEZ TORRES AMBAR LOPEZ MACAY JAVIER CAMACHO GALINDO et al.	ARTHRITIS RESEARCH & THERAPY	2016
46	The Overexpression of NALP3 Inflammasome in Knee Osteoarthritis Is Associated with Synovial Membrane Prolidase and NADPH Oxidase 2	KARINA MARTINEZ FLORES JAVIER FERNANDEZ TORRES Clavijo-Cornejo D. et al.	OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	2016
47	Ultrasound in psoriatic arthritis. Can it facilitate a best routine practice in the diagnosis and management of psoriatic arthritis?	Alejandro LopezReyes JAVIER FERNANDEZ TORRES CARLOS FRANCISCO PINEDA ZORRILLA et al.	Clinical Rheumatology	2015
48	Animal model of acute gout reproduces the inflammatory and ultrasonographic joint changes of human gout	CRISTINA HERNANDEZ DIAZ JAVIER FERNANDEZ TORRES AMBAR LOPEZ MACAY et al.	ARTHRITIS RESEARCH & THERAPY	2015

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49	HLA-B40 allele plays a role in the development of acute leukemia in mexican population: A case-control study	JAVIER FERNANDEZ TORRES Flores-Jimenez, Denhi Arroyo-Perez, Antonio et al.	BIOMED RESEARCH INTERNATIONAL	2013
50	The ancestry of the HLA-DRB1*15 allele predisposes the Mexican mestizo to the development of aplastic anemia	JAVIER FERNANDEZ TORRES JULIO GRANADOS ARRIOLA Flores-Jimenez, Denhi et al.	HUMAN IMMUNOLOGY	2012
51	Cherry extracts attenuate inflammation and oxidative stress triggered by monosodium urate crystals in THP-1 cells	KARINA MARTINEZ FLORES JAVIER FERNANDEZ TORRES Virgen Gen J.J. et al.	JOURNAL OF FOOD BIOCHEMISTRY	



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LIBROS Y CAPITULOS CON ISBN

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

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PARTICIPACIÓN EN PROYECTOS

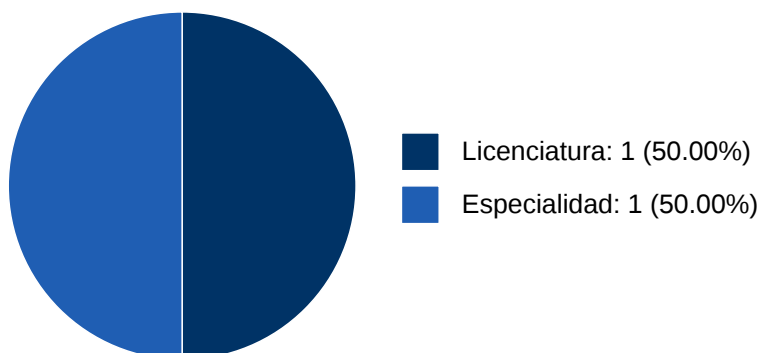
No se encuentran registros en la base de datos de SISEPRO asociados a:

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis

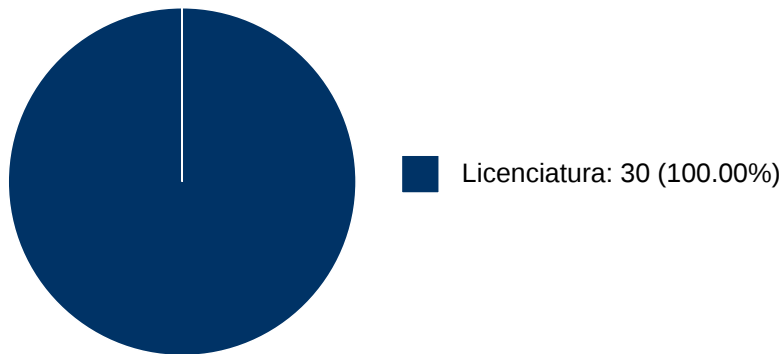


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Valor diagnóstico de polimorfismos de un sólo nucleótido del gen HLA-B*27 en pacientes con espondilitis anquilosante	Tesis de Especialidad	ROLANDO ESPINOSA MORALES,	JAVIER FERNANDEZ TORRES, CARLOS ALBERTO LOZADA PEREZ, et al.	Facultad de Medicina, Facultad de Química,	2021
2	Análisis de polimorfismos de un solo nucleótido (SNP) del gen modulador de especies reactivas de oxígeno 1 (romo1) en pacientes mexicanos con osteoartritis de rodilla	Tesis de Licenciatura	JAVIER FERNANDEZ TORRES,	Blancas Meza, Claudia Frida,	Facultad de Química,	2016

JAVIER FERNANDEZ TORRES

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	30	2024-2
2	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	31	2024-1
3	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	32	2023-2
4	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	32	2023-1
5	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	41	2022-2
6	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	24	2022-1
7	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	20	2021-2
8	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	7	2021-1
9	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	20	2020-2
10	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	19	2020-1
11	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	23	2019-2
12	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	18	2019-1
13	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	5	2018-2
14	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	13	2018-1
15	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	32	2017-2
16	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	21	2017-1
17	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	30	2016-2
18	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	29	2016-1
19	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	32	2015-2
20	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	26	2015-1
21	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	21	2014-2
22	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	27	2014-1
23	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	14	2013-2
24	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	7	2013-1



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25	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	5	2012-2
26	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	6	2012-1
27	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	28	2011-2
28	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	16	2011-1
29	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	20	2010-2
30	Licenciatura	BACTERIOLOGIA EXPERIMENTAL	Facultad de Química	9	2010-1



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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	2008-2025
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