



BENJAMIN ORTIZ MENDOZA

Datos Generales

Nombre: BENJAMIN ORTIZ MENDOZA

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 41 años

Nombramientos

Último: INVESTIGADOR TITULAR B TC Definitivo
Instituto de Química
Desde 01-01-2008 (fecha inicial de registros en el
SIIA) hasta 30-04-2014

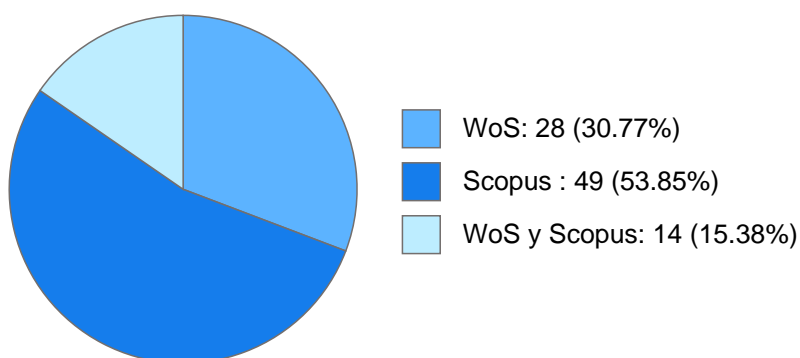
Estímulos, programas, premios y reconocimientos

SNI II - 2020
PRIDE B - 2014

BENJAMIN ORTIZ MENDOZA

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	MMP28 is overexpressed in bronchial and alveolar epithelial cells in Idiopathic Pulmonary Fibrosis.	ALFONSO RAFAEL SALGADO AGUAYO BENJAMIN ORTIZ MENDOZA MOISES EDUARDO SELMAN LAMA et al.	MOLECULAR BIOLOGY OF THE CELL	2017
2	A dual-model fluorescent Zn ²⁺ /Cu ²⁺ ions sensor with in-situ detection of S ²⁻ /(PO ₄ ³⁻) ⁻ and colorimetric detection of Fe ²⁺ ion	BENJAMIN ORTIZ MENDOZA JOSE NORBERTO FARFAN GARCIA Ortiz Navarrete, Vianney et al.	INORGANICA CHIMICA ACTA	2015
3	Two fluorescent Schiff base sensors for Zn ²⁺ : the Zn ²⁺ /Cu ²⁺ ion interference	BENJAMIN ORTIZ MENDOZA JOSE NORBERTO FARFAN GARCIA Ortiz Navarrete, Vianney et al.	Analyst	2015
4	Erratum: Short stereoselective synthesis of (+)-crispine A via an N-sulfinyl Pictet-Spengler reaction (Tetrahedron Letters (2013) 54 (1893-1896))	RUBEN TRINIDAD SANCHEZ OBREGON BENJAMIN ORTIZ MENDOZA VIRGINIA MARICELA MASTRANZO CORONA et al.	TETRAHEDRON LETTERS	2014
5	Short stereoselective synthesis of (+)-crispine A via an N-sulfinyl Pictet-Spengler reaction	RUBEN TRINIDAD SANCHEZ OBREGON BENJAMIN ORTIZ MENDOZA VIRGINIA MARICELA MASTRANZO CORONA et al.	TETRAHEDRON LETTERS	2013
6	Asymmetric synthesis of (S)-(-)-tetrahydropalmatine and (S)-(-)-canadine via a sulfinyl-directed Pictet-Spengler cyclization	VIRGINIA MARICELA MASTRANZO CORONA JOSE LUIS OLIVARES ROMERO FRANCISCO YUSTE LOPEZ et al.	Tetrahedron	2012

BENJAMIN ORTIZ MENDOZA

7	Methyl Sulfinates as Electrophiles in Friedel-Crafts Reactions. Synthesis of Aryl Sulfoxides	FRANCISCO YUSTE LOPEZ Angelica Hernandez Linares VIRGINIA MARICELA MASTRANZO CORONA et al.	JOURNAL OF ORGANIC CHEMISTRY	2011
8	Asymmetric Synthesis of (S)-(-)-Xylopinine. Use of the Sulfinyl Group as an Ipsso Director in Aromatic S-E	VIRGINIA MARICELA MASTRANZO CORONA FRANCISCO YUSTE LOPEZ BENJAMIN ORTIZ MENDOZA et al.	JOURNAL OF ORGANIC CHEMISTRY	2011
9	gamma-Amino vinyl sulfoxides in asymmetric synthesis. Synthesis of optically pure alpha-substituted beta-amino nitriles	RICARDO ALFARO FUENTES FRANCISCO YUSTE LOPEZ BENJAMIN ORTIZ MENDOZA et al.	Tetrahedron	2009
10	X-ray Crystal Structure of Grandiflorenic Acid [(-)-kaura-9(11)-16-dien-19-oic Acid] Methyl Ester, a Compound Formerly Considered as an Oily Derivative	Perla Cruz Mondragon BENJAMIN ORTIZ MENDOZA RAUL GUILLERMO ENRIQUEZ HABIB et al.	JOURNAL OF CHEMICAL CRYSTALLOGRAPHY	2009
11	A formal synthesis of (+)-(-)-kurasoin B	FRANCISCO YUSTE LOPEZ VIRGINIA MARICELA MASTRANZO CORONA RUBEN TRINIDAD SANCHEZ OBREGON et al.	Arkivoc	2009
12	Crystal structure of an unexpected derivative of curcumin: 2-[2-(4-acetoxy-3-methoxyphenyl)ethyl]benzothiazole	MARIA CONCEPCION LOZADA GARCIA RAUL GUILLERMO ENRIQUEZ HABIB BENJAMIN ORTIZ MENDOZA et al.	X-ray Structure Analysis Online	2009
13	Formal synthesis of (-)-frontalin through diastereoselective hydrocyanation of a beta-keto sulfoxide	BENJAMIN ORTIZ MENDOZA RUBEN TRINIDAD SANCHEZ OBREGON RUBEN ALFREDO TOSCANO et al.	Synthesis-Stuttgart	2008
14	Heterocyclic derivatives of curcumin: Crystal structure of 3,5-bis[b-(4-acetoxy-3-methoxyphenyl)ethyl]pyrazole benzene solvate	MARIA CONCEPCION LOZADA GARCIA RAUL GUILLERMO ENRIQUEZ HABIB BENJAMIN ORTIZ MENDOZA et al.	Analytical Sciences: X-Ray Structure Analysis Online	2008
15	Enantioselective synthesis of alpha-hydroxy-beta-amino acids from alpha-amino acids mediated by sulfoxides	RUBEN TRINIDAD SANCHEZ OBREGON BENJAMIN ORTIZ MENDOZA HECTOR EDUARDO DIAZ TORRES et al.	Tetrahedron	2007
16	Tert-Butyl (S)-N-[(S)-1-(oxiranyl)ethyl]-carbamate	RUBEN ALFREDO TOSCANO BENJAMIN ORTIZ MENDOZA RUBEN TRINIDAD SANCHEZ OBREGON et al.	ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE	2006
17	Synthesis and structure of new heterocyclic derivatives of curcumin	MARIA CONCEPCION LOZADA GARCIA RAUL GUILLERMO ENRIQUEZ HABIB BENJAMIN ORTIZ MENDOZA et al.	Heterocycles	2005

BENJAMIN ORTIZ MENDOZA

18	Asymmetric synthesis of cyclopropanes by reaction of (2E,5S)-(+)-4,4-diethoxy-2-[(4-methylphenyl)sulfinyl]but-2-enenitrile and 2-methoxyfuran	DAVID CRUZ CRUZ FRANCISCO YUSTE LOPEZ HECTOR EDUARDO DIAZ TORRES et al.	Arkivoc	2005
19	Crystal structures and synthesis of 5-hydroxy-1,7-bis(4-hydroxy-3-methoxyphenyl)-hept-4,6-dien-3-one	MARIA CONCEPCION LOZADA GARCIA RAUL GUILLERMO ENRIQUEZ HABIB BENJAMIN ORTIZ MENDOZA et al.	Analytical Sciences: X-Ray Structure Analysis Online	2005
20	Crystal structure of the curcumin derivative, acetic acid 4-[7-(4-acetoxy-3-methoxyphenyl)-3,5-dioxoheptyl]-2-methoxyphenyl ester	MARIA CONCEPCION LOZADA GARCIA RAUL GUILLERMO ENRIQUEZ HABIB BENJAMIN ORTIZ MENDOZA et al.	Analytical Sciences: X-Ray Structure Analysis Online	2004
21	Crystal structure of {acetic acid 4-[7-(4-acetoxy-3-methoxyphenyl)-3,5-dioxoheptyl]-2-methoxy ester-03.05}-boron difluoride: A boron complex of acetylated tetrahydrocurcumin derivative	MARIA CONCEPCION LOZADA GARCIA RAUL GUILLERMO ENRIQUEZ HABIB BENJAMIN ORTIZ MENDOZA et al.	Analytical Sciences: X-Ray Structure Analysis Online	2004
22	A stereodivergent approach to syn- and anti- β -hydroxy- α -amino acids. Enantioselective synthesis of N-Boc-statine and N-Boc-3-epistatine mediated by sulfoxides	FRANCISCO YUSTE LOPEZ BENJAMIN ORTIZ MENDOZA RUBEN TRINIDAD SANCHEZ OBREGON et al.	TETRAHEDRON-ASYMMETRY	2003
23	Solution ¹ H and ¹³ C NMR of new chiral 1,4-oxazepinium heterocycles and their intermediates from the reaction of 2,4-pentanedione with α -L-amino acids and (R)-(-)-2-phenylglycinol	MARIA CONCEPCION LOZADA GARCIA RAUL GUILLERMO ENRIQUEZ HABIB BENJAMIN ORTIZ MENDOZA et al.	MAGNETIC RESONANCE IN CHEMISTRY	2003
24	(\pm)-3,3-Diethoxycarbonyl-2-p-tolylsulfonylacrylonitrile as dienophile: Relationship between the barrier for pyramidal inversion of vinyl sulfoxides and the electronic effects of the substituents at the double bond	FRANCISCO YUSTE LOPEZ BENJAMIN ORTIZ MENDOZA MIGUEL ANGEL GENARO RODRIGUEZ HERNANDEZ et al.	Tetrahedron	2002
25	Diethyl 2-[cyano(toluene-4-sulfinyl)-methylene]propanedioate and its Diels-Alder adduct with cyclopentadiene	RUBEN ALFREDO TOSCANO SIMON HERNANDEZ ORTEGA BENJAMIN ORTIZ MENDOZA et al.	ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS	2001

BENJAMIN ORTIZ MENDOZA

26	Synthesis of enantiomerically pure 2-amino alcohols from amino acids mediated by sulfoxides	FRANCISCO YUSTE LOPEZ BENJAMIN ORTIZ MENDOZA RUBEN TRINIDAD SANCHEZ OBREGON et al.	TETRAHEDRON-ASYMMETRY	2000
27	Asymmetric synthesis of α -acetylenic epoxides	RUBEN TRINIDAD SANCHEZ OBREGON BENJAMIN ORTIZ MENDOZA FRANCISCO YUSTE LOPEZ et al.	TETRAHEDRON-ASYMMETRY	1999
28	(2S, SR)-tert-Butyl 2-(p-tolylsulfinylacetyl)-pyrrolidine-1-carboxylate	RUBEN ALFREDO TOSCANO BENJAMIN ORTIZ MENDOZA RUBEN TRINIDAD SANCHEZ OBREGON et al.	ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS	1999
29	Erratum: The mass spectral fragmentation of perezone and related compounds (Rapid Communications in Mass Spectrometry (1997) 11 (904-906))	EDUARDO OCTAVIO CORTES CORTES BENJAMIN ORTIZ MENDOZA RUBEN TRINIDAD SANCHEZ OBREGON et al.	RAPID COMMUNICATIONS IN MASS SPECTROMETRY	1998
30	The mass spectral fragmentation of perezone and related compounds	EDUARDO OCTAVIO CORTES CORTES BENJAMIN ORTIZ MENDOZA RUBEN TRINIDAD SANCHEZ OBREGON et al.	RAPID COMMUNICATIONS IN MASS SPECTROMETRY	1997
31	Comparison of crystal and solution structures and ¹ H and ¹³ C chemical shifts for grandiflorenic acid, kaurenoic acid, and monoginoic acid	RAUL GUILLERMO ENRIQUEZ HABIB BENJAMIN ORTIZ MENDOZA Barajas J. et al.	CANADIAN JOURNAL OF CHEMISTRY	1997
32	The ultraviolet irradiation of isoperezone acetate 2D NMR structure elucidation	FRANCISCO YUSTE LOPEZ HECTOR EDUARDO DIAZ TORRES RAUL GUILLERMO ENRIQUEZ HABIB et al.	NATURAL PRODUCT LETTERS	1996
33	The unambiguous detection of kaurenic derivatives in aqueous infusions of Montanoa tomentosa by GC-MS and 2D-NMR spectroscopy: an answer to contradictory reports	RAUL GUILLERMO ENRIQUEZ HABIB BENJAMIN ORTIZ MENDOZA GIL ALFONSO MAGOS GUERRERO et al.	PLANTA MEDICA	1996
34	β -isopipitzol	SIMON HERNANDEZ ORTEGA FRANCISCO YUSTE LOPEZ BENJAMIN ORTIZ MENDOZA et al.	ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS	1996

BENJAMIN ORTIZ MENDOZA

35	The reaction of perezone and isoperezone with hydroxylamine: A surprisingly facile method for introducing an Nh ₂ group into the quinone functionality	RAUL GUILLERMO ENRIQUEZ HABIB BENJAMIN ORTIZ MENDOZA Alducin E. et al.	NATURAL PRODUCT LETTERS	1995
36	New fluorinated O-aryl lactic acids: Use as chiral derivatizing agents (CDAs) and determination of their enantiomeric purity with achiral diols	BENJAMIN ORTIZ MENDOZA Heumann A. Loutfi A.	TETRAHEDRON- ASYMMETRY	1995
37	The ultraviolet irradiation of the pyrazoline derivative of O-Methylisoperezone. 2D NMR structure elucidation.	FRANCISCO YUSTE LOPEZ HECTOR GUILLERMO BARRIOS LOPEZ BENJAMIN ORTIZ MENDOZA et al.	NATURAL PRODUCT LETTERS	1995
38	Detailed characterization by, two-dimensional NMR of two unusual bicyclo [2.2.2]octenedione derivatives produced by the reaction of perezone with thiourea	BENJAMIN ORTIZ MENDOZA FRANCISCO YUSTE LOPEZ RAUL GUILLERMO ENRIQUEZ HABIB et al.	MAGNETIC RESONANCE IN CHEMISTRY	1995
39	The structure of β-isopipitzol	FRANCISCO YUSTE LOPEZ HECTOR EDUARDO DIAZ TORRES BENJAMIN ORTIZ MENDOZA et al.	TETRAHEDRON LETTERS	1994
40	Isomerization Of Perezone Into Isoperezone And Preparation Of Dihydroisoperezinone	MIGUEL ANGEL GENARO RODRIGUEZ HERNANDEZ MARIA OFELIA COLLERA Y ZUÑIGA RAUL GUILLERMO ENRIQUEZ HABIB et al.	NATURAL PRODUCT LETTERS	1994
41	A convenient synthesis of methyl- and isopropyl-benzyl ethers using silver(II) oxide as reagent	BENJAMIN ORTIZ MENDOZA FRANCISCO YUSTE LOPEZ RUBEN TRINIDAD SANCHEZ OBREGON et al.	SYNTHETIC COMMUNICATIO NS	1993
42	Structure of 4-hydroxy-6-methoxy-5,9,13,13-tetramethyl-2-oxatetracyclo[6.5.0.01,8.08,12]tridecan-7-one	MANUEL SORIANO GARCIA FRANCISCO YUSTE LOPEZ BENJAMIN ORTIZ MENDOZA et al.	ACTA CRYSTALLOGRA PHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIO NS	1989
43	Structure of 9,11-dimethoxy-2,6,7-trimethyltetracyclo[4.3.3.01,5.07,11]dodecane-8,10-dione	MANUEL SORIANO GARCIA FRANCISCO YUSTE LOPEZ BENJAMIN ORTIZ MENDOZA et al.	ACTA CRYSTALLOGRA PHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIO NS	1989

BENJAMIN ORTIZ MENDOZA

44	Structure of 7,10-dimethoxy-2,6,6,9-tetramethyltricyclo[5.4.0.0 ^{1,5}]undec-9-ene-8,11-dione	MANUEL SORIANO GARCIA FRANCISCO YUSTE LOPEZ BENJAMIN ORTIZ MENDOZA et al.	ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS	1989
45	Reaction of dibenzalcylohexanone with hydroxylamine hydrochloride. 2D NMR elucidation of the structure of the products	HECTOR GUILLERMO BARRIOS LOPEZ BENJAMIN ORTIZ MENDOZA RUBEN TRINIDAD SANCHEZ OBREGON et al.	MAGNETIC RESONANCE IN CHEMISTRY	1989
46	Preparation of 4-(Carbethoxy)-5-alkyl- and 5-phenyl furan-2-acetic acids and its methyl esters	FRANCISCO YUSTE LOPEZ HECTOR GUILLERMO BARRIOS LOPEZ BENJAMIN ORTIZ MENDOZA et al.	ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL	1988
47	A simple method to prepare alkyl 3,5-dioxohexanoates	FRANCISCO YUSTE LOPEZ RUBEN TRINIDAD SANCHEZ OBREGON BENJAMIN ORTIZ MENDOZA et al.	SYNTHETIC COMMUNICATIONS	1988
48	Simple phase-transfer alkylation of o-(Tetrahydropyran-2-yl) arylaldehyde cyanohydrins	MARIA DEL CONSUELO SOCORRO SANDOVAL GARCIA BENJAMIN ORTIZ MENDOZA RUBEN TRINIDAD SANCHEZ OBREGON et al.	ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL	1987
49	A facile synthesis of 3-benzyloxy-5-methoxyphenol	RUBEN TRINIDAD SANCHEZ OBREGON BENJAMIN ORTIZ MENDOZA FRANCISCO YUSTE LOPEZ et al.	ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL	1986
50	Silver(II) oxide as a reagent. Reactions with aromatic amines and miscellaneous related compounds	BENJAMIN ORTIZ MENDOZA PEDRO VILLANUEVA GONZALEZ Walls F.	JOURNAL OF ORGANIC CHEMISTRY	1972



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



BENJAMIN ORTIZ MENDOZA

LIBROS Y CAPITULOS CON ISBN

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

BENJAMIN ORTIZ MENDOZA



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



BENJAMIN ORTIZ MENDOZA

PARTICIPACIÓN EN PROYECTOS

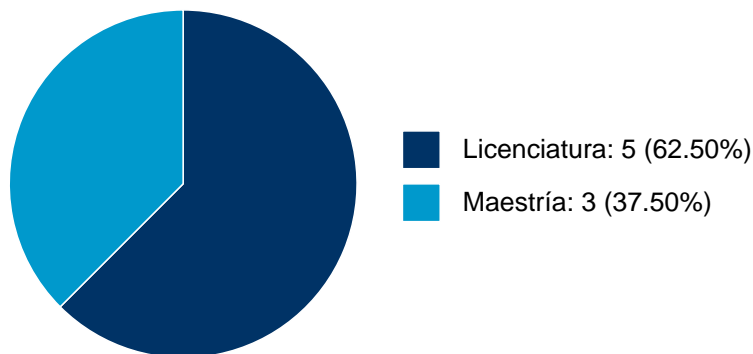
No se encuentran registros en la base de datos de SISEPRO asociados a:

BENJAMIN ORTIZ MENDOZA

BENJAMIN ORTIZ MENDOZA

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Síntesis de sulfóxidos precursores para la obtención de compuestos tetrahidroisoquinolínicos empleando el grupo sulfinilo	Tesis de Licenciatura	BENJAMIN ORTIZ MENDOZA,	Cruz Delgado, Balú Adrián,	Instituto de Química,	2014
2	Síntesis de la estatina y la 3-epiestatina	Tesis de Maestría	BENJAMIN ORTIZ MENDOZA,	Díaz Porras, Angel,		2002
3	Preparación y reacciones de hidroxiquinonas alquilsustituidas	Tesis de Licenciatura	BENJAMIN ORTIZ MENDOZA,	Cruz Borbolla, Julian,		1996
4	Síntesis de buflomedil (4-(1-pirrolidinil)-1-(2,4,6-trimetoxifenil)-butanona)	Tesis de Maestría	BENJAMIN ORTIZ MENDOZA,	Marquez López, Maria Elizabeth,		1990
5	Informe de trabajo de los estudios tendientes a la síntesis de oxamniquina	Tesis de Maestría	BENJAMIN ORTIZ MENDOZA,	Valerio Alfaro, Gerardo,		1989
6	Oxidación de arilhidrazinas y arilhidrazonas con óxido de plata (II)	Tesis de Licenciatura	BENJAMIN ORTIZ MENDOZA,	Tapia Rodríguez, María del Carmen,		1986
7	Síntesis de enedionas	Tesis de Licenciatura	BENJAMIN ORTIZ MENDOZA,	Mijares Arellano, Cecilio,		1978



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



BENJAMIN ORTIZ MENDOZA

8	Síntesis de la 4,4,8-trimetil-biciclo [3.3.0] octan-2-ona	Tesis de Licenciatura	BENJAMIN ORTIZ MENDOZA,	Setzer Letsche, Alexis Hugo,	1977
---	---	--------------------------	----------------------------	------------------------------------	------



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



BENJAMIN ORTIZ MENDOZA

DOCENCIA IMPARTIDA

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

BENJAMIN ORTIZ MENDOZA



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



BENJAMIN ORTIZ MENDOZA

TUTORIAS EN POSGRADO

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

BENJAMIN ORTIZ MENDOZA



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



BENJAMIN ORTIZ MENDOZA

PATENTES

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

BENJAMIN ORTIZ MENDOZA

BENJAMIN ORTIZ MENDOZA

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