



ANA LUISA ANAYA LANG

Datos Generales

Nombre: ANA LUISA ANAYA LANG

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 52 años

Nombramientos

Último: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Ecología
Desde 01-01-2008 (fecha inicial de registros en el
SIIA) hasta 31-07-2015

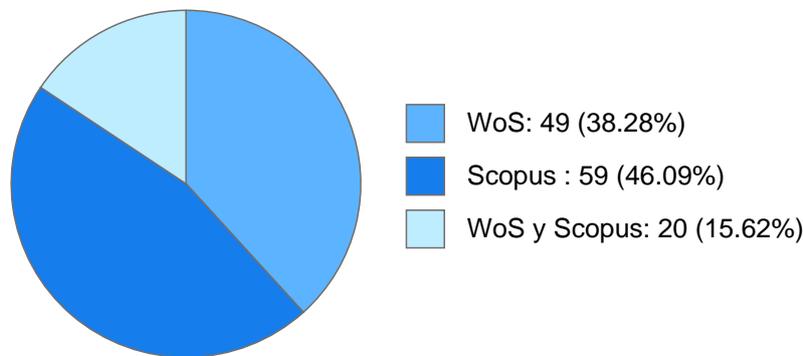
Estímulos, programas, premios y reconocimientos

SNI III - 2018
PRIDE D - 2015

ANA LUISA ANAYA LANG

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	PHYTOTOXIC ACTIVITY OF AQUEOUS EXTRACTS OF RUDERAL PLANTS AND ITS POTENTIAL APPLICATION TO TOMATO CROP	RICARDO REYES CHILPA ANA LUISA ANAYA LANG Miranda-Arámbula M.	Botanical Sciences	2021
2	Acremonium camptosporum isolated as an endophyte of Bursera simaruba from Yucatan Peninsula, Mexico	MARIA DEL CARMEN AUXILIO GONZALEZ VILLASEÑOR MARTHA LYDIA MACIAS RUBALCAVA BLANCA ESTELA HERNANDEZ BAUTISTA et al.	Mycotaxon	2016
3	Acremoxanthone E, a Novel Member of Heterodimeric Polyketides with a Bicyclo[3.2.2]nonene Ring, Produced by Acremonium camptosporum W. Gams (Clavicipitaceae) Endophytic Fungus	CLAUDIO MELENDEZ GONZALEZ ANA LUISA ANAYA LANG BLANCA ESTELA HERNANDEZ BAUTISTA et al.	CHEMISTRY & BIODIVERSITY	2015
4	Complex dormancy in the seeds of Hypericum philonotis	MARIA ESTHER SANCHEZ CORONADO Consuelo Olvera GUADALUPE JUDITH MARQUEZ GUZMAN et al.	FLORA	2015
5	Phytotoxicity of Sicyos deppei during tomato germination and its effects on the role of ABA and cell wall enzymes	AURORA LARA NUÑEZ JOSE LUIS VENTURA GALLEGOS ANA LUISA ANAYA LANG et al.	Botanical Sciences	2015
6	Diversity and communities of foliar endophytic fungi from different agroecosystems of coffea arabica L. in two regions of Veracruz, Mexico	AURORA SAUCEDO GARCIA ANA LUISA ANAYA LANG FRANCISCO JAVIER ESPINOSA GARCIA et al.	PLOS ONE	2014

ANA LUISA ANAYA LANG

7	Selection mosaic exerted by specialist and generalist herbivores on chemical and physical defense of <i>Datura stramonium</i>	Guillermo Castillo Laura L. Cruz ROSALINDA TAPIA LOPEZ et al.	PLOS ONE	2014
8	Mutual Effects of <i>Rottboellia cochinchinensis</i> and Maize Grown Together at Different Densities	Silvia M. Contreras Ramos AURORA SAUCEDO GARCIA MARIA DEL ROCIO CRUZ ORTEGA et al.	AGRONOMY JOURNAL	2013
9	Allelochemical Effects of Volatile Compounds and Organic Extracts from <i>Muscodor yucatanensis</i> , a Tropical Endophytic Fungus from <i>Bursera simaruba</i>	MARTHA LYDIA MACIAS RUBALCAVA BLANCA ESTELA HERNANDEZ BAUTISTA Fabiola Oropeza et al.	JOURNAL OF CHEMICAL ECOLOGY	2010
10	Phytotoxic effects of <i>Sicyos deppei</i> (Cucurbitaceae) in germinating tomato seeds	AURORA LARA NUÑEZ SOBEIDA SANCHEZ NIETO ANA LUISA ANAYA LANG et al.	PHYSIOLOGIA PLANTARUM	2009
11	<i>Muscodor yucatanensis</i> , a new endophytic ascomycete from Mexican chakah, <i>Bursera simaruba</i>	MARIA DEL CARMEN AUXILIO GONZALEZ VILLASEÑOR ANA LUISA ANAYA LANG MARTHA LYDIA MACIAS RUBALCAVA et al.	Mycotaxon	2009
12	Allelopathic potential of some tropical trees of Ecological Reserve El Eden, Quintana Roo, Mexico	Maria Del Carmen Flores Carmona MARIA DEL ROCIO CRUZ ORTEGA ANA LUISA ANAYA LANG	ALLELOPATHY JOURNAL	2008
13	Growth and oxidative damage effects of <i>Sicyos deppei</i> weed on tomato	MARIA DEL ROCIO CRUZ ORTEGA MARIANA YOLOTL ALVAREZ AÑORVE MARCO ANTONIO ROMERO ROMERO et al.	ALLELOPATHY JOURNAL	2008
14	Production of allelopathic glycosidic resins in seeds and early development stages of <i>Ipomoea tricolor</i> L. (Convolvulaceae)	MARTHA LYDIA MACIAS RUBALCAVA BLANCA ESTELA HERNANDEZ BAUTISTA ANA LUISA ANAYA LANG	ALLELOPATHY JOURNAL	2008
15	Naphthoquinone spiroketal with allelochemical activity from the newly discovered endophytic fungus <i>Edenia gomezpompae</i>	MARTHA LYDIA MACIAS RUBALCAVA BLANCA ESTELA HERNANDEZ BAUTISTA MANUEL JIMENEZ ESTRADA et al.	Phytochemistry	2008
16	3-O-Acetyl-narcissidine, a Bioactive Alkaloid from <i>Hippeastrum puniceum</i> Lam. (Amaryllidaceae)	ANA LUISA ANAYA LANG Santana, Omar Reina, Matias et al.	ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES	2008
17	Pentacyclic triterpenes with selective bioactivity from <i>Sebastiania adenophora</i> leaves, <i>euphorbiaceae</i>	MARTHA LYDIA MACIAS RUBALCAVA BLANCA ESTELA HERNANDEZ BAUTISTA MANUEL JIMENEZ ESTRADA et al.	JOURNAL OF CHEMICAL ECOLOGY	2007

ANA LUISA ANAYA LANG

18	Allelochemical stress can trigger oxidative damage in receptor plants mode of action of phytotoxicity (Plant Signaling and Behavior)	MARIA DEL ROCIO CRUZ ORTEGA AURORA LARA NUÑEZ ANA LUISA ANAYA LANG	PLANT SIGNALING & BEHAVIOR	2007
19	A new endophytic ascomycete from El Eden Ecological Reserve, Quintana Roo, Mexico	ANA LUISA ANAYA LANG AURORA SAUCEDO GARCIA MARTHA LYDIA MACIAS RUBALCAVA et al.	Mycotaxon	2007
20	Allelochemical stress causes inhibition of growth and oxidative damage in <i>Lycopersicon esculentum</i> Mill	AURORA LARA NUÑEZ JOSE LUIS VENTURA GALLEGOS ANA LUISA ANAYA LANG et al.	PLANT CELL AND ENVIRONMENT	2006
21	Metabolism and ecology of purine alkaloids	ANA LUISA ANAYA LANG MARIA DEL ROCIO CRUZ ORTEGA George R. Waller	Frontiers in Bioscience-Landmark	2006
22	Allelochemicals from <i>Stauranthus perforatus</i> , a Rutaceous tree of the Yucatan Peninsula, Mexico	ANA LUISA ANAYA LANG MARIA DEL ROCIO CRUZ ORTEGA BLANCA ESTELA HERNANDEZ BAUTISTA et al.	Phytochemistry	2005
23	Comparative effects of allelochemical and water stress in roots of <i>Lycopersicon esculentum</i> Mill. (Solanaceae)	SOBEIDA SANCHEZ NIETO ANDREA SANJUAN BADILLO ANA LUISA ANAYA LANG et al.	PLANT SCIENCE	2005
24	Allelopathic potential of beans (<i>Phaseolus</i> spp.) and other crops	BLANCA ESTELA HERNANDEZ BAUTISTA MARIA DEL ROCIO CRUZ ORTEGA ANA LUISA ANAYA LANG et al.	ALLELOPATHY JOURNAL	2005
25	Entomopathogenic fungi from 'El Eden' Ecological Reserve, Quintana Roo, Mexico	ANA LUISA ANAYA LANG CONCEPCION TORIELLO NAJERA Torres-Barragán A. et al.	Mycopathologia	2004
26	Allelochemical potential of <i>Callicarpa acuminata</i>	ANA LUISA ANAYA LANG RACHEL MATA ESSAYAG MARIA DEL ROCIO CRUZ ORTEGA et al.	JOURNAL OF CHEMICAL ECOLOGY	2003
27	Screening for effects of phytochemical variability on cytoplasmic protein synthesis pattern of crop plants	ANA LUISA ANAYA LANG MARIA DEL ROCIO CRUZ ORTEGA Romero-Romero T.	JOURNAL OF CHEMICAL ECOLOGY	2002
28	Allelochemical stress produced by the aqueous leachate of <i>Callicarpa acuminata</i> : Effects on roots of bean, maize, and tomato	MARIA DEL ROCIO CRUZ ORTEGA ANA LUISA ANAYA LANG Ayala-Cordero G.	PHYSIOLOGIA PLANTARUM	2002
29	The use of allelopathic legume cover and mulch species for weed control in cropping systems	ANA LUISA ANAYA LANG Caamal-Maldonado J.A. Jiménez-Osornio J.J. et al.	AGRONOMY JOURNAL	2001
30	Allelochemical potential of <i>Metopium brownei</i>	ANA LUISA ANAYA LANG RACHEL MATA ESSAYAG BLANCA ESTELA HERNANDEZ BAUTISTA et al.	JOURNAL OF CHEMICAL ECOLOGY	1999

ANA LUISA ANAYA LANG

31	Allelopathy as a tool in the management of biotic resources in agroecosystems	ANA LUISA ANAYA LANG	CRIT REV PLANT SCI	1999
32	Interference of 1,2,3,4-tetramethoxy-5-(2-propenyl)benzene with photosynthetic electron transport	RACHEL MATA ESSAYAG BLAS LOTINA HENNSEN ANA LUISA ANAYA LANG et al.	ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES	1998
33	Effects of allelochemical stress produced by <i>Sicyos deppei</i> on seedling root ultrastructure of <i>Phaseolus vulgaris</i> and <i>Cucurbita ficifolia</i>	MARIA DEL ROCIO CRUZ ORTEGA ANA LUISA ANAYA LANG BLANCA ESTELA HERNANDEZ BAUTISTA et al.	JOURNAL OF CHEMICAL ECOLOGY	1998
34	Phytotoxic compounds from <i>Esenbeckia yaxhoob</i>	RACHEL MATA ESSAYAG MARTHA LYDIA MACIAS RUBALCAVA BLAS LOTINA HENNSEN et al.	Phytochemistry	1998
35	Phytotoxic compounds from <i>esenbeckia yaxhoob</i> in honour of professor G. H. Neil towers 75th birthday	RACHEL MATA ESSAYAG MARTHA LYDIA MACIAS RUBALCAVA RUBEN ALFREDO TOSCANO et al.	Phytochemistry	1998
36	Allelopathic potential of <i>Mirabilis jalapa</i> L. (<i>Nyctaginaceae</i>): Effects on germination, growth and cell division of some plants	ANA LUISA ANAYA LANG Pelayo-Benavides H.R.	ALLELOPATHY JOURNAL	1997
37	Separation and characterization of <i>Metopium brownei</i> urushiol components	JOSE FAUSTO RIVERO CRUZ DANIEL CHAVEZ VELASCO ANA LUISA ANAYA LANG et al.	Phytochemistry	1997
38	Phytogrowth-inhibitory and antifungal constituents of <i>Helianthella quinquenervis</i>	PERLA CAROLINA CASTAÑEDA LOPEZ RACHEL MATA ESSAYAG BLAS LOTINA HENNSEN et al.	JOURNAL OF NATURAL PRODUCTS	1996
39	Phytotoxicity of cacalol and some derivatives obtained from the roots of <i>Psacalium decompositum</i> (A. Gray) H. Rob. & brettell (<i>Asteraceae</i>), matarique or maturin	ANA LUISA ANAYA LANG BLANCA ESTELA HERNANDEZ BAUTISTA MANUEL JIMENEZ ESTRADA et al.	JOURNAL OF CHEMICAL ECOLOGY	1996
40	Transformation of Terpene Piquerol A to Hydroquinone and Phenolic Derivatives. Effect of These Compounds on Weeds	MANUEL JIMENEZ ESTRADA ANA LUISA ANAYA LANG BLAS LOTINA HENNSEN et al.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	1996
41	Uncoupling Behavior of the 4-Phenylcoumarins in Spinach Chloroplasts: Structure-Activity Relationships	RACHEL MATA ESSAYAG BLAS LOTINA HENNSEN ANA LUISA ANAYA LANG et al.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	1996
42	5-O-β-d-galactopyranosyl-7-methoxy-3',4'-dihydroxy-4-phenylcoumarin, an inhibitor of photophosphorylation in spinach chloroplasts	RACHEL MATA ESSAYAG ANA LUISA ANAYA LANG BLAS LOTINA HENNSEN et al.	PHOTOSYNTHESIS RESEARCH	1995

ANA LUISA ANAYA LANG

43	Allelopathic potential of Ipomoea tricolor (Convolvulaceae) in a greenhouse experiment	ANA LUISA ANAYA LANG BLANCA ESTELA HERNANDEZ BAUTISTA IGNACIO MENDEZ RAMIREZ et al.	JOURNAL OF CHEMICAL ECOLOGY	1995
44	Effect of phytotoxic resin glycoside on activity of H ⁺ -ATPase from plasma membrane	ANA LUISA ANAYA LANG Calera M.R. Gavilanes-Ruiz M.	JOURNAL OF CHEMICAL ECOLOGY	1995
45	Biochemically active sesquiterpene lactones from Ratibida mexicana	ROBERT ARTHUR BYE BOETTLER BLANCA ESTELA HERNANDEZ BAUTISTA ANA LUISA ANAYA LANG et al.	Phytochemistry	1995
46	Tricolorin A, major phyto growth inhibitor from Ipomoea tricolor	ROGELIO GREGORIO PEREDA MIRANDA RACHEL MATA ESSAYAG ANA LUISA ANAYA LANG et al.	JOURNAL OF NATURAL PRODUCTS	1993
47	New tetranortriterpenoids from Swietenia humilis	RACHEL MATA ESSAYAG ANA LUISA ANAYA LANG BLANCA ESTELA HERNANDEZ BAUTISTA et al.	JOURNAL OF NATURAL PRODUCTS	1993
48	Effects of some compounds isolated from Celaenodendron mexicanum standl (euphorbiaceae) on seeds and phytopathogenic fungi	PERLA CAROLINA CASTAÑEDA LOPEZ ANA LUISA ANAYA LANG RACHEL MATA ESSAYAG et al.	JOURNAL OF CHEMICAL ECOLOGY	1992
49	Phenylacetic acid as a phytotoxic compound of corn pollen	ANA LUISA ANAYA LANG BLANCA ESTELA HERNANDEZ BAUTISTA MANUEL JIMENEZ ESTRADA et al.	JOURNAL OF CHEMICAL ECOLOGY	1992
50	Some biological effects of dioscorea composita and dioscorea mexicana glycosidic fractions	ANA LUISA ANAYA LANG OFELIA ESPEJO GONZALEZ Reyna J.H. et al.	PHARMACEUTIC AL BIOLOGY	1991
51	Allelopathic potential of compounds isolated from Ipomoea tricolor cav. (Convolvulaceae)	ANA LUISA ANAYA LANG RACHEL MATA ESSAYAG ROGELIO GREGORIO PEREDA MIRANDA et al.	JOURNAL OF CHEMICAL ECOLOGY	1990
52	Effect of diacetyl piquerol on H ⁺ -ATPase activity of microsomes from Ipomoea purpurea	ANA LUISA ANAYA LANG SOBEIDA SANCHEZ NIETO MANUEL JIMENEZ ESTRADA et al.	JOURNAL OF CHEMICAL ECOLOGY	1990
53	Effects of allelopathic compounds of corn pollen on respiration and cell division of watermelon	ANA LUISA ANAYA LANG Cruz Ortega R. Ramos L.	JOURNAL OF CHEMICAL ECOLOGY	1988
54	Perspectives on allelopathy in mexican traditional agroecosystems: A case study in tlaxcala	ANA LUISA ANAYA LANG Ramos L. Cruz R. et al.	JOURNAL OF CHEMICAL ECOLOGY	1987
55	Allelopathic potential of corn pollen	ANA LUISA ANAYA LANG OFELIA ESPEJO GONZALEZ Jiménez J.J. et al.	JOURNAL OF CHEMICAL ECOLOGY	1983

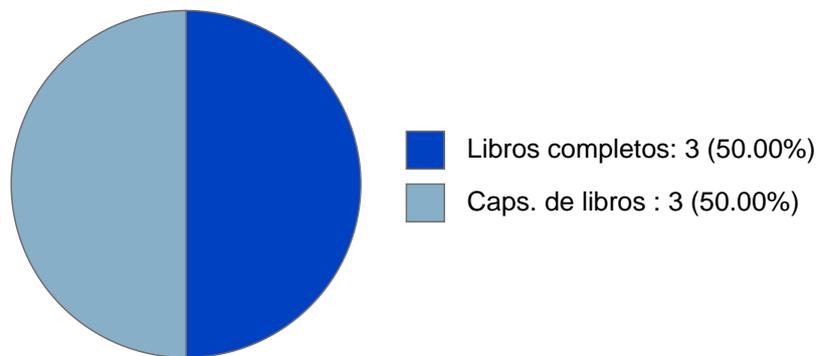
ANA LUISA ANAYA LANG

56	Evaluation of allelopathic potential of dominant herbaceous species in a coffee plantation	ANA LUISA ANAYA LANG Ramos L. de Pascual J.N.	JOURNAL OF CHEMICAL ECOLOGY	1983
57	Allelopathic potential of Piqueria trinervia (Compositae) and piquerols A and B	ANA LUISA ANAYA LANG MANUEL JIMENEZ ESTRADA De La Parra M.G. et al.	JOURNAL OF CHEMICAL ECOLOGY	1981
58	Effect of some sesquiterpenic lactones on the growth of certain secondary tropical species	ANA LUISA ANAYA LANG del Amo S.	JOURNAL OF CHEMICAL ECOLOGY	1978
59	Allelopathic potential of Ambrosia cumanensis H.B.K. (Compositae) in a tropical zone of Mexico	ANA LUISA ANAYA LANG Del Amo S.	JOURNAL OF CHEMICAL ECOLOGY	1978

ANA LUISA ANAYA LANG

LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Periphyton As a Potential Biofertilizer in Intensive Agriculture of the Ancient Maya	SERGIO PALACIOS MAYORGA ANA LUISA ANAYA LANG LAZARO HUERTA ARCOS et al.	Capítulo de un Libro	2024	9781040283349
2	Bioprospection Studies at El Edén: From Plants to Fungi	ANA LUISA ANAYA LANG BLANCA ESTELA HERNANDEZ BAUTISTA MARIA DEL ROCIO CRUZ ORTEGA et al.	Capítulo de un Libro	2024	9781040283349
3	Biología de angiospermas	FRANCISCO JAVIER ALVAREZ SANCHEZ ANA LUISA ANAYA LANG VICTOR LUIS BARRADAS MIRANDA et al.	Libro Completo	2016	9786070278846
4	Ecología química y alelopatía: Avances y Perspectivas	ANA LUISA ANAYA LANG FRANCISCO JAVIER ESPINOSA GARCIA	Libro Completo	2016	9786074029123
5	Interacciones biológicas	ANA LUISA ANAYA LANG FRANCISCO JAVIER ALVAREZ SANCHEZ	Libro Completo	2015	9786078432554



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



ANA LUISA ANAYA LANG

6	Plant-mycorrhizae and endophytic fungi interactions: Broad spectrum of allelopathy studies	ANA LUISA ANAYA LANG AURORA SAUCEDO GARCIA MARIA DEL ROCIO CRUZ ORTEGA et al.	Capítulo de un Libro	2013	978364230595 5
---	--	---	-------------------------	------	-------------------



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



ANA LUISA ANAYA LANG

PARTICIPACIÓN EN PROYECTOS

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

ANA LUISA ANAYA LANG



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



ANA LUISA ANAYA LANG

PARTICIPACIÓN EN TESIS

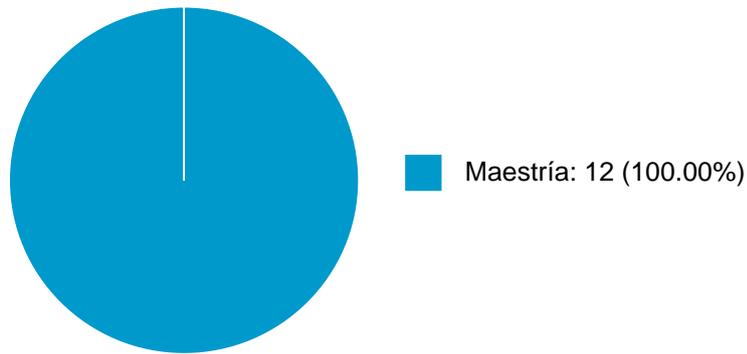
No se encuentran registros en la base de datos de TESIUNAM asociados a:

ANA LUISA ANAYA LANG

ANA LUISA ANAYA LANG

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TEMAS SELECTOS	Facultad de Ciencias	2	2014-2
2	Maestría	TEMAS SELECTOS	Facultad de Ciencias	3	2013-2
3	Maestría	TEMAS SELECTOS	Facultad de Ciencias	1	2012-2
4	Maestría	TEMAS SELECTOS	Facultad de Ciencias	1	2011-2
5	Maestría	TEMAS SELECTOS	Facultad de Ciencias	4	2011-2
6	Maestría	TOPICOS SELECTOS DE BIOLOGIA	Facultad de Ciencias	1	2010-2
7	Maestría	TOPICOS SELECTOS DE BIOLOGIA	Instituto de Ecología	2	2010-2
8	Maestría	TOPICOS SELECTOS DE BIOLOGIA	Centro de Investigaciones en Ecosistemas en Morelia, Michoacán	1	2010-2
9	Maestría	TOPICOS SELECTOS DE BIOLOGIA	Facultad de Estudios Superiores "Iztacala"	1	2010-2
10	Maestría	TOPICOS SELECTOS DE BIOLOGIA	Facultad de Estudios Superiores "Iztacala"	1	2009-2
11	Maestría	TOPICOS SELECTOS DE BIOLOGIA	Facultad de Medicina	1	2009-2
12	Maestría	TOPICOS SELECTOS DE BIOLOGIA	Instituto de Ecología	1	2009-2



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



ANA LUISA ANAYA LANG

PATENTES

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

ANA LUISA ANAYA LANG

ANA LUISA ANAYA LANG

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