



ABEL SANTAMARIA DEL ANGEL

Datos Generales

Nombre: ABEL SANTAMARIA DEL ANGEL

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 18 años

Nombramientos

Vigente: PROFESOR ASIGNATURA A TP No Definitivo
Facultad de Ciencias
Desde 16-10-2023

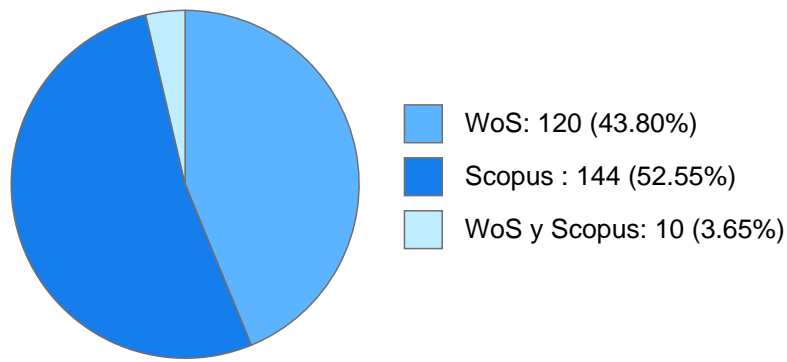
Estímulos, programas, premios y reconocimientos

SNI III 2014 - VIGENTE
SNI II 2009 - 2013
PEPASIG Nivel D (Doctorado) 2021 - 2022, 3 horas asignadas
PEPASIG Nivel D (Doctorado) 2018 - 2020, 3 horas asignadas
PEPASIG Nivel C (Doctorado) 2016 - 2017, 3 horas asignadas
PEPASIG Nivel A (Licenciatura) 2016, 3 horas asignadas
PEPASIG Nivel C (Doctorado) 2013 - 2016, 3 horas asignadas
PEPASIG Nivel C (Doctorado) 2010, 3 horas asignadas

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Role of vitamins beyond vitamin D3 in bone health and osteoporosis (Review)	ABEL SANTAMARIA DEL ANGEL Skalny A.V. Aschner M. et al.	INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE	2024
2	Association between serum trace element, mineral, and amino acid levels with non-alcoholic fatty liver disease (NAFLD) in adult women	ABEL SANTAMARIA DEL ANGEL Tinkov A.A. Korobeinikova T.V. et al.	JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY	2024
3	Interactions Between the Ubiquitin-Proteasome System, Nrf2, and the Cannabinoidome as Protective Strategies to Combat Neurodegeneration: Review on Experimental Evidence	MARISOL MAYA LOPEZ EDGAR RANGEL LOPEZ ABEL SANTAMARIA DEL ANGEL et al.	NEUROTOXICITY RESEARCH	2024
4	Manganese in autism spectrum disorder and attention deficit hyperactivity disorder: The state of the art	ABEL SANTAMARIA DEL ANGEL Aschner M. Martins A.C. et al.	Current Research in Toxicology	2024
5	Retinal toxicity of heavy metals and its involvement in retinal pathology	ABEL SANTAMARIA DEL ANGEL Aschner M. Skalny A.V. et al.	FOOD AND CHEMICAL TOXICOLOGY	2024

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6	S-allyl-cysteine triggers cytotoxic events in rat glioblastoma RG2 and C6 cells and improves the effect of temozolomide through the regulation of oxidative responses	RICARDO JAIR RAMIREZ CARRETO LUZ BELINDA ORTIZ ALEGRIA TESSY MARIA LOPEZ GOERNE et al.	Discover Oncology	2024
7	Anandamide and WIN 55212-2 Afford Protection in Rat Brain Mitochondria in a Toxic Model Induced by 3-Nitropropionic Acid: an In Vitro Study (feb, 10.1007/s12035-024-03967-2, 2024)	MARISOL MAYA LOPEZ OMAR NOEL MEDINA CAMPOS JOSE PEDRAZA CHAVERRI et al.	MOLECULAR NEUROBIOLOGY	2024
8	Anandamide and WIN 55212-2 Afford Protection in Rat Brain Mitochondria in a Toxic Model Induced by 3-Nitropropionic Acid: an In Vitro Study	MARISOL MAYA LOPEZ OMAR NOEL MEDINA CAMPOS JOSE PEDRAZA CHAVERRI et al.	MOLECULAR NEUROBIOLOGY	2024
9	Molecular mechanisms of zinc oxide nanoparticles neurotoxicity	ABEL SANTAMARIA DEL ANGEL Aschner M. Skalny A.V. et al.	CHEMICO-BIOL OGICAL INTERACTIONS	2024
10	Epigenetic Mechanisms of Aluminum-Induced Neurotoxicity and Alzheimer's Disease: A Focus on Non-Coding RNAs	ABEL SANTAMARIA DEL ANGEL Michael Aschner Anatoly V. Skalny et al.	NEUROCHEMICA L RESEARCH	2024
11	Monoacylglycerol Lipase Inhibition Prevents Short-Term Mitochondrial Dysfunction and Oxidative Damage in Rat Brain Synaptosomal/Mitochondrial Fractions and Cortical Slices: Role of Cannabinoid Receptors	EDGAR RANGEL LOPEZ MARIO OROZCO MORALES ANA LAURA COLIN GONZALEZ et al.	NEUROTOXICITY RESEARCH	2023
12	The role of hypoxia-inducible factor 1 alpha (HIF-1a) modulation in heavy metal toxicity	ABEL SANTAMARIA DEL ANGEL Aschner M. Skalny A.V. et al.	ARCHIVES OF TOXICOLOGY	2023
13	Correction to: The Antiepileptic Drug Levetiracetam Protects Against Quinolinic Acid-Induced Toxicity in the Rat Striatum (Neurotoxicity Research, (2018), 33, 4, (837-845), 10.1007/s12640-017-9836-4)	ANA LAURA COLIN GONZALEZ GABRIELA AGUILERA PORTILLO MARISOL MAYA LOPEZ et al.	NEUROTOXICITY RESEARCH	2023
14	Examining the Role of Histaminergic, Orexinergic, and Cannabinergic Systems in Redox Regulation in Gastric Adenocarcinoma	OSCAR PROSPERO GARCIA ABEL SANTAMARIA DEL ANGEL Torres-Román A.L. et al.	MINI-REVIEWS IN MEDICINAL CHEMISTRY	2023

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15	Dissecting the role of cadmium, lead, arsenic, and mercury in non-alcoholic fatty liver disease and non-alcoholic steatohepatitis	ABEL SANTAMARIA DEL ANGEL Tinkov A.A. Aschner M. et al.	ENVIRONMENTAL RESEARCH	2023
16	From Mechanisms to Implications: Understanding the Molecular Neurotoxicity of Titanium Dioxide Nanoparticles	ABEL SANTAMARIA DEL ANGEL Aschner M. Skalny A.V. et al.	FRONTIERS IN BIOSCIENCE-LANDMARK	2023
17	Cannabinoid-profiled agents improve cell survival via reduction of oxidative stress and inflammation, and Nrf2 activation in a toxic model combining hyperglycemia+A β 1-42 peptide in rat hippocampal neurons (vol 140, 104817, 2020)	EDGAR RANGEL LOPEZ OMAR NOEL MEDINA CAMPOS JOSE PEDRAZA CHAVERRI et al.	NEUROCHEMISTRY INTERNATIONAL	2023
18	Oral Administration of Silybin Protects Against MPTP-Induced Neurotoxicity by Reducing Pro-inflammatory Cytokines and Preserving BDNF Levels in Mice	VICTOR JAVIER ZALDIVAR MACHORRO ABEL SANTAMARIA DEL ANGEL Ramírez-Carretero R.J. et al.	MOLECULAR NEUROBIOLOGY	2023
19	The Endocannabinoid System in <i>Caenorhabditis elegans</i>	EDGAR RANGEL LOPEZ ABEL SANTAMARIA DEL ANGEL Estrada-Valencia R. et al.	REV PHYSIOL BIOCHEM	2023
20	Amyloid Beta Peptide-Mediated Alterations in Mitochondrial Dynamics and its Implications for Alzheimer's Disease	MARISOL MAYA LOPEZ EDGAR RANGEL LOPEZ ABEL SANTAMARIA DEL ANGEL et al.	CNS & NEUROLOGICAL DISORDERS-DRUG TARGETS	2023
21	Oleamide Reduces Mitochondrial Dysfunction and Toxicity in Rat Cortical Slices Through the Combined Action of Cannabinoid Receptors Activation and Induction of Antioxidant Activity	EDGAR RANGEL LOPEZ MARISOL MAYA LOPEZ ABEL SANTAMARIA DEL ANGEL et al.	NEUROTOXICITY RESEARCH	2022
22	Ghrelin attenuates methylmercury-induced oxidative stress in neuronal cells	ABEL SANTAMARIA DEL ANGEL Ferrer B. Suresh H. et al.	MOLECULAR NEUROBIOLOGY	2022
23	Mechanisms Involved in Neuroprotective Effects of Transcranial Magnetic Stimulation	ABEL SANTAMARIA DEL ANGEL Caballero-Villarraso J. Medina F.J. et al.	CNS & NEUROLOGICAL DISORDERS-DRUG TARGETS	2022
24	Lactose and Casein Cause Changes on Biomarkers of Oxidative Damage and Dysbiosis in an Experimental Model of Multiple Sclerosis	ABEL SANTAMARIA DEL ANGEL Escribano B.M. Muñoz-Jurado A. et al.	CNS & NEUROLOGICAL DISORDERS-DRUG TARGETS	2022

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25	Methylmercury exposure-induced reproductive effects are mediated by dopamine in <i>Caenorhabditis elegans</i>	ABEL SANTAMARIA DEL ANGEL Ke T. Junior F.B. et al.	NEUROTOXICOL OGY AND TERATOLOGY	2022
26	Alpha-Mangostin Alleviates the Short-term 6-Hydroxydopamine-Induced Neurotoxicity and Oxidative Damage in Rat Cortical Slices and in <i>Caenorhabditis elegans</i>	EDGAR RANGEL LOPEZ JOSE PEDRAZA CHAVERRI ABEL SANTAMARIA DEL ANGEL et al.	NEUROTOXICITY RESEARCH	2022
27	Protective effects of melatonin on changes occurring in the experimental autoimmune encephalomyelitis model of multiple sclerosis	ABEL SANTAMARIA DEL ANGEL Escribano B.M. Muñoz-Jurado A. et al.	MULTIPLE SCLEROSIS AND RELATED DISORDERS	2022
28	Leveraging artificial intelligence to advance the understanding of chemical neurotoxicity	ABEL SANTAMARIA DEL ANGEL Aschner M. Mesnage R. et al.	Neurotoxicolog y	2022
29	An Update on the Critical Role of α -Synuclein in Parkinson's Disease and Other Synucleinopathies: from Tissue to Cellular and Molecular Levels	ABEL SANTAMARIA DEL ANGEL Serratos I.N. Hernández-Pérez E. et al.	MOLECULAR NEUROBIOLOGY	2022
30	Mercury and cancer: Where are we now after two decades of research?	ABEL SANTAMARIA DEL ANGEL Skalny A.V. Aschner M. et al.	FOOD AND CHEMICAL TOXICOLOGY	2022
31	The Modulatory Role of sti-1 in Methylmercury-Induced Toxicity in <i>Caenorhabditis elegans</i>	ABEL SANTAMARIA DEL ANGEL Ke T. Farina M. et al.	NEUROTOXICITY RESEARCH	2022
32	Thallium Induces Antiproliferative and Cytotoxic Activity in Glioblastoma C6 and U373 Cell Cultures via Apoptosis and Changes in Cell Cycle	EDGAR RANGEL LOPEZ ABEL SANTAMARIA DEL ANGEL Robles-Bañuelos B. et al.	NEUROTOXICITY RESEARCH	2022
33	Corrigendum to "The antioxidant role of STAT3 in methylmercury-induced toxicity in mouse hypothalamic neuronal GT1-7 cell line?"	ABEL SANTAMARIA DEL ANGEL Ferrer B. Suresh H. et al.	FREE RADICAL BIOLOGY AND MEDICINE	2022
34	Hydrogen Sulfide (H ₂ S) Signaling as a Protective Mechanism against Endogenous and Exogenous Neurotoxicants	ABEL SANTAMARIA DEL ANGEL Aschner M. Skalny A.V. et al.	CURRENT NEUROPHARMA COLOGY	2022
35	Neurotoxicity of thallium: Old issues and new developments	ABEL SANTAMARIA DEL ANGEL Osorio-Rico L. Ali S.F. et al.	Advances In Neurotoxicolog y	2021

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36	Gut microbiota as a mediator of essential and toxic effects of zinc in the intestines and other tissues	ABEL SANTAMARIA DEL ANGEL Skalny A.V. Aschner M. et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2021
37	Platinum nanoparticles Protect Against Lipopolysaccharide-Induced Inflammation in Microglial BV-2 Cells via Decreased Oxidative Damage and Increased Phagocytosis	ABEL SANTAMARIA DEL ANGEL EDGAR RANGEL LOPEZ Elmazoglu Z. et al.	NEUROCHEMICAL RESEARCH	2021
38	Entrapment of chlorophyll from chlorella vulgaris and chlorella protothecoides into microporous silica synthesized by a sol-gel method	ABEL SANTAMARIA DEL ANGEL BIBIANA PATRICIA RUIZ SANCHEZ Serratos I.N. et al.	Journal Of Physics Communications	2021
39	The Role of Human LRRK2 in Acute Methylmercury Toxicity in Caenorhabditis elegans	ABEL SANTAMARIA DEL ANGEL Ke T. Rocha J.B.T. et al.	NEUROCHEMICAL RESEARCH	2021
40	Sirtuins as molecular targets, mediators, and protective agents in metal-induced toxicity	ABEL SANTAMARIA DEL ANGEL Tinkov A.A. Nguyen T.T. et al.	ARCHIVES OF TOXICOLOGY	2021
41	On the Biomedical Properties of Endocannabinoid Degradation and Reuptake Inhibitors: Pre-clinical and Clinical Evidence	ABEL SANTAMARIA DEL ANGEL Karen Jaqueline Paredes-Ruiz Karla Chavira-Ramos et al.	NEUROTOXICITY RESEARCH	2021
42	Combatting Nitrosative Stress and Inflammation with Novel Substituted Triazinoindole Inhibitors of Aldose Reductase in PC12 Cells Exposed to 6-Hydroxydopamine Plus High Glucose	ABEL SANTAMARIA DEL ANGEL Elmazoglu Z. Prnova M.S. et al.	NEUROTOXICITY RESEARCH	2021
43	URB597 Prevents the Short-Term Excitotoxic Cell Damage in Rat Cortical Slices: Role of Cannabinoid 1 Receptors	MARIO OROZCO MORALES ABEL SANTAMARIA DEL ANGEL ANA LAURA COLIN GONZALEZ et al.	NEUROTOXICITY RESEARCH	2021
44	Endocrine-disrupting activity of mancozeb	ABEL SANTAMARIA DEL ANGEL Skalny A. Aschner M. et al.	Arhiv za Farmaciju	2021
45	Review of the mechanism underlying mefloquine-induced neurotoxicity	ABEL SANTAMARIA DEL ANGEL Martins A.C. Paoliello M.M.B. et al.	Critical Reviews in Toxicology	2021
46	Chronic exposure to methylmercury disrupts ghrelin actions in C57BL/6J mice	ABEL SANTAMARIA DEL ANGEL Ferrer B. Prince L.M. et al.	FOOD AND CHEMICAL TOXICOLOGY	2021
47	Chronic exposure to methylmercury enhances the anorexigenic effects of leptin in C57BL/6J male mice	ABEL SANTAMARIA DEL ANGEL Ferrer B. Prince L.M. et al.	FOOD AND CHEMICAL TOXICOLOGY	2021

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48	Isolevuglandins (isoLGs) as toxic lipid peroxidation byproducts and their pathogenetic role in human diseases	ABEL SANTAMARIA DEL ANGEL Aschner M. Nguyen T.T. et al.	FREE RADICAL BIOLOGY AND MEDICINE	2021
49	Molecular targets of manganese-induced neurotoxicity: A five-year update	ABEL SANTAMARIA DEL ANGEL Tinkov A.A. Paoliello M.M.B. et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2021
50	Evaluating the risk of manganese-induced neurotoxicity of parenteral nutrition: review of the current literature	FAVIO ERAZO BARBOSA CANO ABEL SANTAMARIA DEL ANGEL Martins A.C. et al.	EXPERT OPINION ON DRUG METABOLISM & TOXICOLOGY	2021
51	Protective Effects of Novel Substituted Triazinoindole Inhibitors of Aldose Reductase and Epalrestat in Neuron-like PC12 Cells and BV2 Rodent Microglial Cells Exposed to Toxic Models of Oxidative Stress: Comparison with the Pyridoindole Antioxidant Stobadine	EDGAR RANGEL LOPEZ ABEL SANTAMARIA DEL ANGEL Elmazoglu Z. et al.	NEUROTOXICITY RESEARCH	2021
52	Redox-active phytoconstituents ameliorate cell damage and inflammation in rat hippocampal neurons exposed to hyperglycemia+A β 1-42 peptide	EDGAR RANGEL LOPEZ ABEL SANTAMARIA DEL ANGEL Elmazoglu Z. et al.	NEUROCHEMIST RY INTERNATIONAL	2021
53	Gut microbiota as a potential player in mn-induced neurotoxicity	ABEL SANTAMARIA DEL ANGEL Tinkov A.A. Martins A.C. et al.	Biomolecules	2021
54	The antioxidant role of STAT3 in methylmercury-induced toxicity in mouse hypothalamic neuronal GT1-7 cell line	ABEL SANTAMARIA DEL ANGEL Ferrer B. Suresh H. et al.	FREE RADICAL BIOLOGY AND MEDICINE	2021
55	Cephalic Neuronal Vesicle Formation is Developmentally Dependent and Modified by Methylmercury and sti-1 in Caenorhabditis elegans	ABEL SANTAMARIA DEL ANGEL Ke T. Rocha J.B.T. et al.	NEUROCHEMICA L RESEARCH	2020
56	Cannabinoid-profiled agents improve cell survival via reduction of oxidative stress and inflammation, and Nrf2 activation in a toxic model combining hyperglycemia+A β 1-42 peptide in rat hippocampal neurons	EDGAR RANGEL LOPEZ OMAR NOEL MEDINA CAMPOS JOSE PEDRAZA CHAVERRI et al.	NEUROCHEMIST RY INTERNATIONAL	2020
57	N,N'-bis-(2-mercaptoethyl) isophthalamide induces developmental delay in Caenorhabditis elegans by promoting DAF-16 nuclear localization	ABEL SANTAMARIA DEL ANGEL Ke T. Antunes Soares F.A. et al.	Toxicology Reports	2020

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58	Therapeutic Efficacy of the N,N'-Bis-(2-Mercaptoethyl) Isophthalamide Chelator for Methylmercury Intoxication in <i>Caenorhabditis elegans</i>	ABEL SANTAMARIA DEL ANGEL Ke T. Bornhorst J. et al.	NEUROTOXICITY RESEARCH	2020
59	A Cannabinoid Receptor-Mediated Mechanism Participates in the Neuroprotective Effects of Oleamide Against Excitotoxic Damage in Rat Brain Synaptosomes and Cortical Slices	MARISOL MAYA LOPEZ OSCAR PROSPERO GARCIA ABEL SANTAMARIA DEL ANGEL et al.	NEUROTOXICITY RESEARCH	2020
60	Comparing the Neuroprotective Effects of Caffeic Acid in Rat Cortical Slices and <i>Caenorhabditis elegans</i> : Involvement of Nrf2 and SKN-1 Signaling Pathways (vol 37, pg 326, 2020)	GABRIELA AGUILERA PORTILLO RODOLFO GARCIA CONTRERAS ABEL SANTAMARIA DEL ANGEL et al.	NEUROTOXICITY RESEARCH	2020
61	Comparing the Neuroprotective Effects of Caffeic Acid in Rat Cortical Slices and <i>Caenorhabditis elegans</i> : Involvement of Nrf2 and SKN-1 Signaling Pathways	RODOLFO GARCIA CONTRERAS ABEL SANTAMARIA DEL ANGEL Colonnello A. et al.	NEUROTOXICITY RESEARCH	2020
62	Thallium Toxicity in <i>Caenorhabditis elegans</i> : Involvement of the SKN-1 Pathway and Protection by S-Allylcysteine	MARISOL MAYA LOPEZ ABEL SANTAMARIA DEL ANGEL María Ester Hurtado-Díaz et al.	NEUROTOXICITY RESEARCH	2020
63	The impact of manganese on neurotransmitter systems	ABEL SANTAMARIA DEL ANGEL DANIEL SANCHEZ AVILA Soares A.T.G. et al.	JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY	2020
64	Generating Bacterial Foods in Toxicology Studies with <i>Caenorhabditis elegans</i>	ABEL SANTAMARIA DEL ANGEL Ke T. Tinkov A.A. et al.	Current Protocols in Toxicology	2020
65	The protective effect of extra-virgin olive oil in the experimental model of multiple sclerosis in the rat	ABEL SANTAMARIA DEL ANGEL Conde C. Escribano B.M. et al.	NUTRITIONAL NEUROSCIENCE	2020
66	The Role of Human LRRK2 in Methylmercury-Induced Inhibition of Microvesicle Formation of Cephalic Neurons in <i>Caenorhabditis elegans</i>	ABEL SANTAMARIA DEL ANGEL Ke T. Rocha J.B.T. et al.	NEUROTOXICITY RESEARCH	2020
67	Antioxidant Mechanisms in the Neuroprotective Action of Cemtirestat: Studies in Chemical Models, Liposomes and Rat Brain Cortical Slices	OMAR NOEL MEDINA CAMPOS JOSE PEDRAZA CHAVERRI ANA LAURA COLIN GONZALEZ et al.	Neuroscience	2020

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68	Manganese-induced neurodegenerative diseases and possible therapeutic approaches	ABEL SANTAMARIA DEL ANGEL Martins A.C. Jr. et al.	EXPERT REVIEW OF NEUROTHERAPEUTICS	2020
69	S-Allylcysteine Protects Against Excitotoxic Damage in Rat Cortical Slices Via Reduction of Oxidative Damage, Activation of Nrf2/ARE Binding, and BDNF Preservation	EDGAR RANGEL LOPEZ ANA LAURA COLIN GONZALEZ JOSE PEDRAZA CHAVERRI et al.	NEUROTOXICITY RESEARCH	2020
70	Chronic exposure to methylmercury induces puncta formation in cephalic dopaminergic neurons in <i>Caenorhabditis elegans</i>	ABEL SANTAMARIA DEL ANGEL Ke T. Tsatsakis A. et al.	Neurotoxicology	2020
71	Oleamide Induces Cell Death in Glioblastoma RG2 Cells by a Cannabinoid Receptor-Independent Mechanism	EDGAR RANGEL LOPEZ ANTELMO ABELARDO MENESES GARCIA ABEL SANTAMARIA DEL ANGEL et al.	NEUROTOXICITY RESEARCH	2020
72	Modelo experimental biológico y molecular de fuerza tensional para el estudio fisiopatológico de la hiperplasia intimal venosa	HUGO LAPARRA ESCAREÑO ALETTE ORTEGA GOMEZ JOSE LUIS VENTURA GALLEGOS et al.	Revista Mexicana de Angiología	2020
73	The Pharmacological Inhibition of Fatty Acid Amide Hydrolase Prevents Excitotoxic Damage in the Rat Striatum: Possible Involvement of CB1 Receptors Regulation	GABRIELA AGUILERA PORTILLO ANAHI CHAVARRIA KRAUSER ABEL SANTAMARIA DEL ANGEL et al.	MOLECULAR NEUROBIOLOGY	2019
74	Anandamide Reduces the Toxic Synergism Exerted by Quinolinic Acid and Glutaric Acid in Rat Brain Neuronal Cells	GABRIELA AGUILERA PORTILLO JOSE PEDRAZA CHAVERRI ABEL SANTAMARIA DEL ANGEL et al.	Neuroscience	2019
75	A Novel Phospholipase A2 Isolated from <i>Palythoa caribaeorum</i> Possesses Neurotoxic Activity	NORMA ADRIANA VALDEZ CRUZ BENJAMIN VELASCO BEJARANO ANA LAURA COLIN GONZALEZ et al.	Toxins	2019
76	Iron and manganese-related CNS toxicity: mechanisms, diagnosis and treatment	ABEL SANTAMARIA DEL ANGEL Chen P. Totten M. et al.	EXPERT REVIEW OF NEUROTHERAPEUTICS	2019
77	Identification of specific pre-analytical quality control markers in plasma and serum samples	LUZ MARIA RUIZ GODOY RIVERA VIRGINIA ISABEL ENRIQUEZ CARCAMO ABEL SANTAMARIA DEL ANGEL et al.	ANALYTICAL METHODS	2019
78	Rat brain slices: An optimum biological preparation for acute neurotoxicological studies	GABRIELA AGUILERA PORTILLO MARISOL MAYA LOPEZ ABEL SANTAMARIA DEL ANGEL et al.	Neuromethods	2019

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79	Co-localization of the Receptor for Advanced Glycation End Products (RAGE) with S100 Calcium-Binding Protein B (S100B) in Human Umbilical Vein Endothelial	RUY ENRIQUE PEREZ MONTFORT ELIZABETH NALLELY CABRERA GONZALEZ FABIAN JESUS ARECHAVALETA VELASCO et al.	Journal Of The Mexican Chemical Society	2019
80	Extra-virgin olive oil modifies the changes induced in non-nervous organs and tissues by experimental autoimmune encephalomyelitis models	ABEL SANTAMARIA DEL ANGEL Conde C. Escribano B.M. et al.	Nutrients	2019
81	Implications of vitamin D in multiple sclerosis and other neurodegenerative processes: Bibliometric analysis and systematic review	ABEL SANTAMARIA DEL ANGEL Caballero-Villarraso J. Jiménez-Jiménez M.J. et al.	CNS & NEUROLOGICAL DISORDERS-DRUG TARGETS	2019
82	Comparing the Effects of Chlorogenic Acid and Ilex paraguariensis Extracts on Different Markers of Brain Alterations in Rats Subjected to Chronic Restraint Stress	MARISOL MAYA LOPEZ EDGAR RANGEL LOPEZ LAURA SANCHEZ CHAPUL et al.	NEUROTOXICITY RESEARCH	2019
83	Bioactive Isomers of Conjugated Linoleic Acid Inhibit the Survival of Malignant Glioblastoma Cells But Not Primary Astrocytes	ABEL SANTAMARIA DEL ANGEL Silva-Ramirez A.S. Castillo C.G. et al.	EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY	2018
84	Comparing the Effects of Ferulic Acid and Sugarcane Aqueous Extract in In Vitro and In Vivo Neurotoxic Models	RODOLFO GARCIA CONTRERAS ABEL SANTAMARIA DEL ANGEL Aline Colonnello et al.	NEUROTOXICITY RESEARCH	2018
85	Cannabinoid Receptor Agonists Reduce the Short-Term Mitochondrial Dysfunction and Oxidative Stress Linked to Excitotoxicity in the Rat Brain (vol 285C, pg 97, 2015)	ANA LAURA COLIN GONZALEZ ENRIQUE PINZON ESTRADA ISMAEL TORRES SALDAÑA et al.	Neuroscience	2018
86	Quinolinic acid and glutamatergic neurodegeneration in Caenorhabditis elegans	ABEL SANTAMARIA DEL ANGEL da Silveira T.L. Zamberlan D.C. et al.	Neurotoxicology	2018
87	Redox Signaling, Neuroinflammation, and Neurodegeneration	GABRIELA AGUILERA PORTILLO ANA LAURA COLIN GONZALEZ ANAHI CHAVARRIA KRAUSER et al.	ANTIOXIDANTS & REDOX SIGNALING	2018
88	Induction of Neuroinflammatory Response and Histopathological Alterations Caused by Quinolinic Acid Administration in the Striatum of Glutaryl-CoA Dehydrogenase Deficient Mice	ABEL SANTAMARIA DEL ANGEL Amaral A.U. Seminotti B. et al.	NEUROTOXICITY RESEARCH	2018

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89	Toxic Synergism Between Quinolinic Acid and Glutaric Acid in Neuronal Cells Is Mediated by Oxidative Stress: Insights to a New Toxic Model	ANA LAURA COLIN GONZALEZ ABEL SANTAMARIA DEL ANGEL Pierozan P. et al.	MOLECULAR NEUROBIOLOGY	2018
90	Ilex paraguariensis extracts reduce blood glucose, peripheral neuropathy and oxidative damage in male mice exposed to streptozotocin	ABEL SANTAMARIA DEL ANGEL de Lima M.E. Colpo A.Z.C. et al.	JOURNAL OF FUNCTIONAL FOODS	2018
91	Neuroprotective effect of S-allyl cysteine on an experimental model of multiple sclerosis: Antioxidant effects	ABEL SANTAMARIA DEL ANGEL Escribano B.M. Agüera E. et al.	JOURNAL OF FUNCTIONAL FOODS	2018
92	Thallium-Induced Toxicity in Rat Brain Crude Synaptosomal/Mitochondrial Fractions is Sensitive to Anti-excitatory and Antioxidant Agents	ABEL SANTAMARIA DEL ANGEL Maya-López M. Mireles-García M.V. et al.	NEUROTOXICITY RESEARCH	2018
93	Protective effects of S-allyl cysteine on behavioral, morphological and biochemical alterations in rats subjected to chronic restraint stress: Antioxidant and anxiolytic effects	ANA LAURA COLIN GONZALEZ ANAHI CHAVARRIA KRAUSER ABEL SANTAMARIA DEL ANGEL et al.	JOURNAL OF FUNCTIONAL FOODS	2017
94	Thallium Toxicity: General Issues, Neurological Symptoms, and Neurotoxic Mechanisms	ABEL SANTAMARIA DEL ANGEL Osorio-Rico, L. Galván-Arzate, S.	Advances in neurobiology	2017
95	RETRACTION: 6-OHDA-induced apoptosis and mitochondrial dysfunction are mediated by early modulation of intracellular signals and interaction of Nrf2 and NF-kappa B factors (vol 304, pg 109, 2013) (Retraction of Vol 304, Pg 109, 2013)	JORGE HUMBERTO LIMON PACHECO MARISOL OROZCO IBARRA MARINA MACIAS SILVA et al.	Toxicology	2017
96	Compounds from ilex paraguariensis extracts have antioxidant effects in the brains of rats subjected to chronic immobilization stress	ABEL SANTAMARIA DEL ANGEL Colpo A.C. de Lima M.E. et al.	APPL PHYSIOL NUTR ME	2017
97	Retraction notice to S-Allyl cysteine protects against 6-hydroxydopamine-induced neurotoxicity in the rat striatum: involvement of Nrf2 transcription factor activation and modulation of signaling kinase cascades [FRB 53/5 (2012) 1024 - 1040](S089158491200384X)(10.1016/j.freeradbimed.2012.06.040)	GENARO VAZQUEZ VICTORIO MARINA MACIAS SILVA PERLA DEYANIRA MALDONADO JIMENEZ et al.	FREE RADICAL BIOLOGY AND MEDICINE	2017

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98	Neuroprotective effect of WIN55,212-2 against 3-nitropropionic acid-induced toxicity in the rat brain: Involvement of CBI and NMDA receptors	ABEL SANTAMARIA DEL ANGEL Maya-López, M. Colín-González, A.L. et al.	AMERICAN JOURNAL OF TRANSLATIONAL RESEARCH	2017
99	URB597 reduces biochemical, behavioral and morphological alterations in two neurotoxic models in rats	MARISOL MAYA LOPEZ ANA LAURA COLIN GONZALEZ ABEL SANTAMARIA DEL ANGEL et al.	BIOMEDICINE & PHARMACOTHERAPY	2017
100	RETRACTION: Curcumin restores Nrf2 levels and prevents quinolinic acid-induced neurotoxicity (Retraction of Vol 24, Pg 14, 2013)	ABEL SANTAMARIA DEL ANGEL MARISOL OROZCO IBARRA IRMA GABRIELA GONZALEZ HERRERA et al.	JOURNAL OF NUTRITIONAL BIOCHEMISTRY	2017
101	Tert-butylhydroquinone pre-conditioning exerts dual effects in old female rats exposed to 3-nitropropionic acid	ABEL SANTAMARIA DEL ANGEL Silva-Palacios, A. Colín-González, A.L. et al.	REDOX BIOLOGY	2017
102	Protective effect of Yerba mate (Ilex paraguariensis St. Hill.) against oxidative damage in vitro in rat brain synaptosomal/mitochondrial P2 fractions	MARISOL MAYA LOPEZ ABEL SANTAMARIA DEL ANGEL de Lima, M.E. et al.	JOURNAL OF FUNCTIONAL FOODS	2017
103	Role of epigenetics and oxidative stress in gliomagenesis	YESENNIA SANCHEZ PEREZ ERNESTO SOTO REYES SOLIS ABEL SANTAMARIA DEL ANGEL et al.	CNS & NEUROLOGICAL DISORDERS-DRUG TARGETS	2017
104	URB597 and the Cannabinoid WIN55,212-2 Reduce Behavioral and Neurochemical Deficits Induced by MPTP in Mice: Possible Role of Redox Modulation and NMDA Receptors	ANA LAURA COLIN GONZALEZ JULIO EVERARDO SOTELO MORALES ABEL SANTAMARIA DEL ANGEL et al.	NEUROTOXICITY RESEARCH	2017
105	Early expression of the receptor for advanced glycation end products in a toxic model produced by 6-hydroxydopamine in the rat striatum	Cesar Millan Pacheco ANA LAURA COLIN GONZALEZ D. Rembao Bojorquez et al.	CHEMICO-BIOLOGICAL INTERACTIONS	2016
106	Experimental Evidence that 3-Methylglutaric Acid Disturbs Mitochondrial Function and Induced Oxidative Stress in Rat Brain Synaptosomes: New Converging Mechanisms	ABEL SANTAMARIA DEL ANGEL Colín-González A.L. Paz-Loyola A.L. et al.	NEUROCHEMICAL RESEARCH	2016
107	Brain magnetic stimulation in animal models: A valuable lesson for clinical applications	ABEL SANTAMARIA DEL ANGEL Escribano B.M. de Lima M.E. et al.	CNS & NEUROLOGICAL DISORDERS-DRUG TARGETS	2016

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108	Cannabinoids: Glutamatergic transmission and kynurenines	ANA LAURA COLIN GONZALEZ GABRIELA AGUILERA PORTILLO ABEL SANTAMARIA DEL ANGEL	Advances in neurobiology	2016
109	Induction of a Proinflammatory Response in Cortical Astrocytes by the Major Metabolites Accumulating in HMG-CoA Lyase Deficiency: the Role of ERK Signaling Pathway in Cytokine Release	ANA LAURA COLIN GONZALEZ ABEL SANTAMARIA DEL ANGEL Fernandes C.G. et al.	MOLECULAR NEUROBIOLOGY	2016
110	Oxidative Stress, Disrupted Energy Metabolism, and Altered Signaling Pathways in Glutaryl-CoA Dehydrogenase Knockout Mice: Potential Implications of Quinolinic Acid Toxicity in the Neuropathology of Glutaric Acidemia Type I	ANA LAURA COLIN GONZALEZ ABEL SANTAMARIA DEL ANGEL Seminotti B. et al.	MOLECULAR NEUROBIOLOGY	2016
111	On the relationship between the light/dark cycle, melatonin and oxidative stress	ANA LAURA COLIN GONZALEZ GABRIELA AGUILERA PORTILLO ABEL SANTAMARIA DEL ANGEL et al.	CURRENT PHARMACEUTICAL DESIGN	2015
112	On the antioxidant, neuroprotective and anti-inflammatory properties of S-allyl cysteine: An update	ANA LAURA COLIN GONZALEZ ABEL SANTAMARIA DEL ANGEL Ali S.F. et al.	NEUROCHEMISTRY INTERNATIONAL	2015
113	Toxic synergism between quinolinic acid and organic acids accumulating in glutaric acidemia type I and in disorders of propionate metabolism in rat brain synaptosomes: Relevance for metabolic acidemias	ANA LAURA COLIN GONZALEZ ABEL SANTAMARIA DEL ANGEL Paz-Loyola A.L. et al.	Neuroscience	2015
114	The effect of WIN 55,212-2 suggests a cannabinoid-sensitive component in the early toxicity induced by organic acids accumulating in glutaric acidemia type I and in related disorders of propionate metabolism in rat brain synaptosomes	ANA LAURA COLIN GONZALEZ ABEL SANTAMARIA DEL ANGEL Paz-Loyola A.L. et al.	Neuroscience	2015
115	Comparative effects on rat primary astrocytes and C6 rat glioma cells cultures after 24-h exposure to silver nanoparticles (AgNPs)	EDGAR RANGEL LOPEZ Claudia G. Castillo ABEL SANTAMARIA DEL ANGEL et al.	JOURNAL OF NANOPARTICLE RESEARCH	2015
116	Ultrastructural characterization of craniopharyngioma at the tumor boundary: A structural comparison with an experimental toxic model using ?oil machinery? fluid, with emphasis on Rosenthal fibers	MARTHA LILIA TENA SUCK ABEL SANTAMARIA DEL ANGEL Morales-del Ángel A.Y. et al.	ACTA HISTOCHEMICA	2015

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117	The N-Methyl-d-Aspartate Receptor Antagonist MK-801 Prevents Thallium-Induced Behavioral and Biochemical Alterations in the Rat Brain	ABEL SANTAMARIA DEL ANGEL Osorio-Rico L. Villeda-Hernández J. et al.	INTERNATIONAL JOURNAL OF TOXICOLOGY	2015
118	Protective effects of caffeic acid on quinolinic acid-induced behavioral and oxidative alterations in rats	ANAHI CHAVARRIA KRAUSER ABEL SANTAMARIA DEL ANGEL Colín-González A.L. et al.	Journal of Drug and Alcohol Research	2015
119	Altered levels of brain neurotransmitter from new born rabbits with intrauterine restriction	ABEL SANTAMARIA DEL ANGEL ANAYANSI MOLINA HERNANDEZ Hernández-Andrade E. et al.	NEUROSCIENCE LETTERS	2015
120	Early modulation of the transcription factor Nrf2 in rodent striatal slices by quinolinic acid, a toxic metabolite of the kynurenine pathway	JOSE PEDRAZA CHAVERRI ABEL SANTAMARIA DEL ANGEL Colín-González A.L. et al.	Neuroscience	2014
121	Sulforaphane reduces the alterations induced by quinolinic acid: Modulation of glutathione levels	ROGELIO HERNANDEZ PANDO JOSE PEDRAZA CHAVERRI ABEL SANTAMARIA DEL ANGEL et al.	Neuroscience	2014
122	Comparing the effects of two neurotoxins in cortical astrocytes obtained from rats of different ages: Involvement of oxidative damage	JULIO EDUARDO ROQUE MORAN ANDRADE ABEL SANTAMARIA DEL ANGEL Alarcon-Aguilar, Adriana et al.	JOURNAL OF APPLIED TOXICOLOGY	2014
123	S-allyl cysteine protects against MPTP-induced striatal and nigral oxidative neurotoxicity in mice: Participation of Nrf2	PERLA DEYANIRA MALDONADO JIMENEZ ABEL SANTAMARIA DEL ANGEL Garcia, Esperanza et al.	FREE RADICAL RESEARCH	2014
124	Intracerebral injection of oil cyst content of human craniopharyngioma (oil machinery fluid) as a toxic model in the rat brain	MARTHA LILIA TENA SUCK ABEL SANTAMARIA DEL ANGEL Elena Hernandez-Campos, Ma. et al.	ACTA HISTOCHEMICA	2014
125	Primary cultured astrocytes from old rats are capable to activate the Nrf2 response against MPP+ toxicity after TBHQ pretreatment	JOSE LUIS VENTURA GALLEGOS JULIO EDUARDO ROQUE MORAN ANDRADE ABEL SANTAMARIA DEL ANGEL et al.	NEUROBIOLOGY OF AGING	2014
126	The role of melatonin in multiple sclerosis, huntington's disease and cerebral ischemia	ABEL SANTAMARIA DEL ANGEL Escribano, Begona M. Colin-Gonzalez, Ana L. et al.	CNS & NEUROLOGICAL DISORDERS-DRUG TARGETS	2014
127	Curcumin restores Nrf2 levels and prevents quinolinic acid-induced neurotoxicity	ABEL SANTAMARIA DEL ANGEL JULIO CESAR TOBON VELASCO MARISOL OROZCO IBARRA et al.	JOURNAL OF NUTRITIONAL BIOCHEMISTRY	2013
128	3-Hydroxykynurenine: An intriguing molecule exerting dual actions in the Central Nervous System	PERLA DEYANIRA MALDONADO JIMENEZ ABEL SANTAMARIA DEL ANGEL Laura Colin-Gonzalez, Ana	Neurotoxicology	2013

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129	6-OHDA-induced apoptosis and mitochondrial dysfunction are mediated by early modulation of intracellular signals and interaction of Nrf2 and NF- κ B factors	JULIO CESAR TOBON VELASCO JORGE HUMBERTO LIMON PACHECO MARISOL OROZCO IBARRA et al.	Toxicology	2013
130	Antioxidant effect of Spirulina (Arthrospira) maxima in a neurotoxic model caused by 6-OHDA in the rat striatum	ABEL SANTAMARIA DEL ANGEL Tobon-Velasco, J. C. Palafox-Sanchez, Victoria et al.	JOURNAL OF NEURAL TRANSMISSION	2013
131	Probenecid: An emerging tool for neuroprotection	ANA LAURA COLIN GONZALEZ ABEL SANTAMARIA DEL ANGEL	CNS & NEUROLOGICAL DISORDERS-DRUG TARGETS	2013
132	The beta 4 nicotinic receptor subunit modulates the chronic antidepressant effect mediated by bupropion	ABEL SANTAMARIA DEL ANGEL Radhakrishnan, Rajan Escobar, Liliana et al.	NEUROSCIENCE LETTERS	2013
133	Quinolinic acid, an endogenous molecule combining excitotoxicity, oxidative stress and other toxic mechanisms	PAUL CARRILLO MORA ABEL SANTAMARIA DEL ANGEL Cruz V.P.-D.L	International Journal of Tryptophan Research	2013
134	The Antioxidant Mechanisms Underlying the Aged Garlic Extract- and S-Allylcysteine-Induced Protection	ABEL SANTAMARIA DEL ANGEL PERLA DEYANIRA MALDONADO JIMENEZ Colin-Gonzalez, Ana L. et al.	OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	2012
135	S-allyl cysteine protects against 6-hydroxydopamine-induced neurotoxicity in the rat striatum: Involvement of Nrf2 transcription factor activation and modulation of signaling ki	JULIO CESAR TOBON VELASCO GENARO VAZQUEZ VICTORIO MARINA MACIAS SILVA et al.	FREE RADICAL BIOLOGY AND MEDICINE	2012
136	Maturation increases superoxide radical production without increasing oxidative damage in the skeletal muscle of hooded seals (Cystophora cristata)	PERLA DEYANIRA MALDONADO JIMENEZ ABEL SANTAMARIA DEL ANGEL Vazquez-Medina, J. P. et al.	CANADIAN JOURNAL OF ZOOLOGY	2011
137	Effect of acetaldehyde on behavioral and neurochemical changes induced by MK-801 in rats	JAVIER EDGAR FRANCO PEREZ ABEL SANTAMARIA DEL ANGEL CARLOS HERLINDO PAZ TRES et al.	ANNALS OF THE NEW YORK ACADEMY OF SCIENCES	2008
138	Dapsone prevents morphological lesions and lipid peroxidation induced by quinolinic acid in rat corpus striatum	FRANCISCO JOSE RODRIGUEZ RAMIREZ LUIS CAMILO RIOS CASTAÑEDA ABEL SANTAMARIA DEL ANGEL et al.	Toxicology	1999

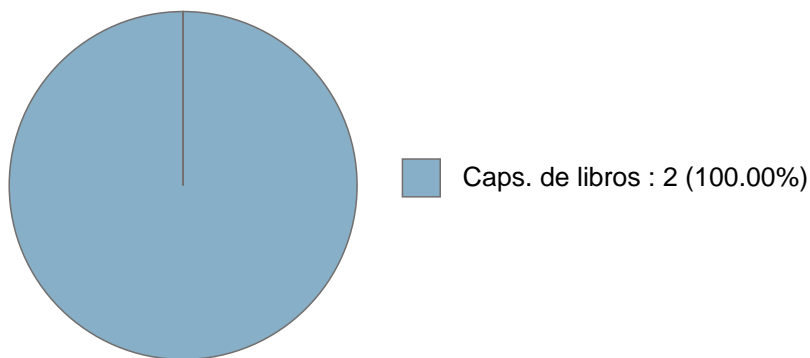
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139	Kynurenine and probenecid prevent quinolinic acid-induced neurotoxicity in rat corpus striatum	ABEL SANTAMARIA DEL ANGEL Altagracia M. Solis F. et al.	Proceedings of the Western Pharmacology Society	1994
140	Dapsone administration prevents quinolinate-induced neurotoxicity in rats	ABEL SANTAMARIA DEL ANGEL Altagracia M. Kravzov J. et al.	Proceedings of the Western Pharmacology Society	1994
141	MK-801, an N-methyl-d-aspartate receptor antagonist, blocks quinolinic acid-induced lipid peroxidation in rat corpus striatum	ABEL SANTAMARIA DEL ANGEL Ríos C.	NEUROSCIENCE LETTERS	1993
142	Protective effect of probenecid on circling behavior of rats with unilateral quinolinic acid induced striatal lesions	ABEL SANTAMARIA DEL ANGEL Kravzov J. Rios C. et al.	Proceedings of the Western Pharmacology Society	1993
143	Quinolinic acid is a potent lipid peroxidant in rat brain homogenates	ABEL SANTAMARIA DEL ANGEL Ríos C.	NEUROCHEMICAL RESEARCH	1991
144	S-allylcysteine induces cytotoxic effects in two human lung cancer cell lines via induction of oxidative damage, downregulation of Nrf2 and NF- κ B, and apoptosis	MARIO OROZCO MORALES OSCAR GERARDO ARRIETA RODRIGUEZ ABEL SANTAMARIA DEL ANGEL et al.	ANTI-CANCER DRUGS	

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Garlic, Gastrointestinal Protection and Oxidative Stress	ANA LAURA COLIN GONZALEZ ABEL SANTAMARIA DEL ANGEL	Capítulo de un Libro	2017	9780128093009
2	Blood-brain barrier (BBB): Morphology and disease	LAURA COLIN BARENQUE ARMANDO ZEPEDA RODRIGUEZ ADRIANA ELIZABETH GONZALEZ VILLALVA et al.	Capítulo de un Libro	2012	9781621007661



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PARTICIPACIÓN EN PROYECTOS

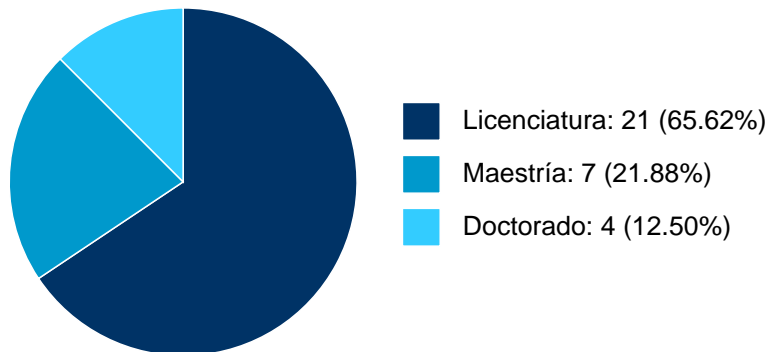
No se encuentran registros en la base de datos de SISEPRO asociados a:

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Caracterización de los mecanismos de señalización activados por la vía NRF2/KEAP1/ARE en un modelo de excitotoxicidad expuesto al agente antioxidante S-alilcisteína en rebanadas corticales de rata	Tesis de Maestría	ABEL SANTAMARIA DEL ANGEL,	Reyes Soto, Carolina Yolotzin,	Facultad de Ciencias,	2021
2	Análisis comparativo del efecto protector del extracto acuoso de caña de azúcar vs ácido ferúlico en <i>C. elegans</i>	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Colonnello Montero, Gloria Aline,	Facultad de Ciencias,	2018
3	Efecto de la terapia fototérmica en un modelo in vivo aplicada a través de microcalentadores de fibra óptica	Tesis de Doctorado	ANAHI CHAVARRIA KRAUSER,	MATHIEU CHRISTIAN ANNE HAUTEFEUILLE, JUAN ARNALDO HERNANDEZ CORDERO, et al.	Facultad de Ciencias, Facultad de Medicina, Instituto de Investigaciones en Materiales,	2018

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4	Efecto neuroprotector del levetiracetam sobre la toxicidad estriatal del ácido quinolínic en ratas	Tesis de Licenciatura	AGUSTIN CARMONA CASTRO,	ANA LAURA COLIN GONZALEZ, MARIA DEL CARMEN MIÑANA SOLIS, et al.	Escuela Nacional Preparatoria Plantel 1 "Gabino Barreda", Facultad de Ciencias,	2017
5	Posible efecto neuroprotector de URB597 en un modelo in vivo de 6-hidroxidopamina	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Ruiz Contreras, Hipólito Aliossha,	Facultad de Ciencias,	2017
6	Evaluación de la administración neonatal de probenecid y kinurenina como posible modelo de psicosis	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Reyes Soto, Carolina Yolotzin,	Facultad de Ciencias,	2017
7	Caracterización de un modelo experimental de hemiplejía en la rata	Tesis de Doctorado	FRUCTUOSO AYALA GUERRERO,	ABEL SANTAMARIA DEL ANGEL, González Piña, Rigoberto,	Facultad de Ciencias, Facultad de Psicología,	2013
8	Estudio de la modulación de la plasticidad sináptica gabaérgica estriatal por el factor neurotrófico derivado del cerebro (BDNF), en un modelo murino de la enfermedad de Huntington	Tesis de Maestría	MARIA ROSA DE LOURDES AVILA COSTA,	ALICIA ELIZABETH HERNANDEZ ECHEAGARAY , ABEL SANTAMARIA DEL ANGEL, et al.	Facultad de Ciencias, Facultad de Estudios Superiores "Iztacala",	2011
9	Efectos de la modulación farmacológica de la vía de la kinurenina sobre las alteraciones conductuales, bioquímicas y morfológicas generadas por el péptido beta-amiloide en ratas	Tesis de Doctorado	TERESA IMELDA FORTOUL VANDER GOES,	MARIA EUGENIA GONSEBATT BONAPARTE, ABEL SANTAMARIA DEL ANGEL, et al.	Facultad de Ciencias, Facultad de Medicina, Instituto de Investigaciones Biomédicas,	2011

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10	Efecto del vanadio inhalado en el modelo de fibrosis hepática por CCl4	Tesis de Doctorado	TERESA IMELDA FORTOUL VANDER GOES,	ABEL SANTAMARIA DEL ANGEL, Cano Gutiérrez, Gumaro,	Facultad de Ciencias, Facultad de Medicina,	2011
11	Caracterización de la toxicidad de la co-administración subtóxica de 3-NP y QUIN en estriado de rata	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Fuentes Bello, Alim Caelli,	Facultad de Ciencias,	2011
12	Rescate de la función mitocondrial y la actividad antioxidante en sinaptosomas en dos modelos in vivo de la enfermedad de Huntington: quin y 3-np. : QUIN y 3-NP	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Robledo Arratia, Yolanda,	Facultad de Ciencias,	2010
13	Caracterización conductual, inmunohistoquímica y neuroquímica de un modelo de facilitación tóxica por la utilización conjunta de QUIN y 3-NP	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Pérez Carrera, Diana,	Facultad de Ciencias,	2010
14	Evaluación del efecto antioxidante de la alfa-mangostina en diferentes modelos de daño neuronal	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Márquez Valadez, Berenice,	Facultad de Ciencias,	2010
15	Efecto del incremento en los niveles endógenos de ácido kinurénico en un modelo de daño dopaminérgico inducido por la 6-hidroxidopamina (6-OHDA) en ratas	Tesis de Maestría	ABEL SANTAMARIA DEL ANGEL,	Silva Adaya, Irma Daniela,	Facultad de Ciencias,	2010

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16	Cambios en los marcadores de estrés oxidativo en distintas regiones del cerebro de rata en un modelo de estrés agudo por inmovilización : efecto de la L-carnitina y el diazepam	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Méndez Cuesta, Luis Alejandro,	Facultad de Ciencias,	2010
17	Neuroprotección por la L-carnitina y la S-calilcisteína como post-tratamientos en modelos de daño neuronal	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Elinos Calderón, Diana,	Facultad de Ciencias,	2009
18	Posible contribucion del peroxinitrito en la neurotoxicidad inducida por acido quinolinico, un modelo experimental de la enfermedad de Huntington	Tesis de Maestría	ABEL SANTAMARIA DEL ANGEL,	Perez de la Cruz, Veronica,		2007
19	Evaluacion del posible efecto protector de la L-Carnitina sobre el patron conductual motriz y las alteraciones morfologicas inducidas por el acido 3-Nitropropionico en ratas	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Mendoza Macedo, Karina Lizbet,		2007
20	Efecto de la L-carnitina sobre las alteraciones morfologicas y conductuales producidas por el acido quinolinico en ratas	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Silva Adaya, Irma Daniela,		2007
21	Evaluacion de los efectos de la s-alilcisteina sobre la hiperactividad temprana, el estres oxidativo y la disfuncion mitocondrial inducidos por el acido 3-nitropropionico en ratas	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Herrera Mundo, María Nieves,		2006

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22	Caracterización del efecto de el Fe III 5,10,15,20-tetrakis (pentafluorofenil 21-h, 23-h, porfirinato, sobre la neurotoxicidad inducida por el ac. Quinolítico in vivo : posible participación del peroxinitrito	Tesis de Maestría	ABEL SANTAMARIA DEL ANGEL,	Santiago López, Alfonso Dario,	2005
23	Efecto del Fe(TPPS) sobre algunos indicadores de neurotoxicidad inducidos por el ácido quinolinico en ratas	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Gonzalez Cortés, Carolina,	2005
24	Efecto del selenio (selenito de sodio) sobre la peroxidación de lípidos inducida por el ácido quinolinico en sinaptosomas de cerebro de rata	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Salvatierra Sanchez, Concepcion Raquel,	2004
25	Evaluación del efecto del cobre en un modelo experimental de la enfermedad de Huntington en ratas	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Martínez Lazcano, Juan Carlos,	2004
26	Caracterización del efecto protector del selenio sobre diferentes indicadores de neurotoxicidad inducidos por el ácido 2,3-piridin dicarboxílico (ac. quinolinico) en un modelo experimental de la enfermedad de huntington en la	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Vazquez Roman, Beatriz,	2003
27	Caracterización toxicológica de péptidos bioactivos de la anemona Bartholomea annulata (Le Sueur, 1817)	Tesis de Maestría	JUDITH SANCHEZ RODRIGUEZ,	ABEL SANTAMARIA DEL ANGEL, Zugasti Cruz, Alejandro,	2002

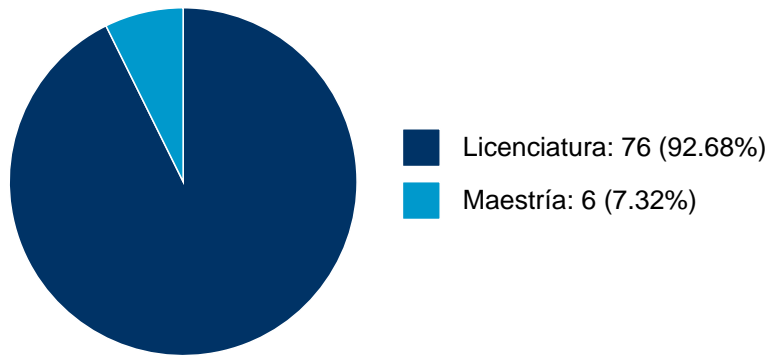
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28	Cambios en la actividad de glutathion peroxidasa y del glutathion reducido en tres modelos experimentales de la enfermedad de Huntington en cuerpo estriado de rata	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Camacho Morales, Alberto,	2001
29	Marcadores de estres oxidante en sistema nervioso central de ratas administradas intraestriatalmente con acido 3-nitropropionico, acido quinolinico y en ratones transgenicos como modelos experimentales de la corea de Huntington	Tesis de Maestría	ABEL SANTAMARIA DEL ANGEL,	Rodríguez Martínez, Erika,	2001
30	Efecto neuroprotector de la dapsona sobre la neurotoxicidad inducida por el acido quinolinico y el acido kainico	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Rubio Osornio, Moises,	2001
31	Efecto de la administración sistémica de dapsona sobre la neurotoxicidad inducida por el acido quinolinico en el cuerpo estriado de la rata : estudio morfologico	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Rodríguez Martínez, Erika,	2000
32	El oxido nitrico como mediador de la peroxidacion de lipidos inducida por el acido quinolinico en sinaptosomas de cerebro de rata	Tesis de Licenciatura	ABEL SANTAMARIA DEL ANGEL,	Santamaria del Angel, Daniel,	1996

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	12	2024-2
2	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	3	2024-2
3	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	14	2024-1
4	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	3	2024-1
5	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	5	2023-2
6	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	3	2023-2
7	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	5	2023-1
8	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	5	2023-1
9	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	9	2022-2
10	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	5	2022-2
11	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	5	2022-1
12	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	9	2022-1
13	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	11	2021-2
14	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	7	2021-2
15	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	13	2021-1
16	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	7	2021-1
17	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	1	2020-2
18	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	8	2020-2
19	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	1	2020-1
20	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	5	2020-1
21	Maestría	TRABAJO DE INVESTIGACIÓN II	Facultad de Ciencias	1	2020-1
22	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	10	2020-1
23	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	5	2019-2

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24	Maestría	TRABAJO DE INVESTIGACIÓN I	Facultad de Ciencias	1	2019-2
25	Maestría	TRABAJO DE INVESTIGACIÓN IV	Facultad de Ciencias	1	2019-1
26	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	3	2019-1
27	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	5	2019-1
28	Maestría	TRABAJO DE INVESTIGACIÓN III	Facultad de Ciencias	1	2018-2
29	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	5	2018-2
30	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	4	2018-2
31	Maestría	TRABAJO DE INVESTIGACIÓN II	Facultad de Ciencias	1	2018-1
32	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	3	2018-1
33	Maestría	TRABAJO DE INVESTIGACIÓN I	Facultad de Ciencias	1	2017-2
34	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	3	2017-2
35	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	6	2017-2
36	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	6	2017-1
37	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	4	2016-2
38	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	7	2016-2
39	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	5	2016-1
40	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	10	2016-1
41	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	1	2016-1
42	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	4	2015-2
43	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	7	2015-2
44	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	6	2015-1
45	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	5	2015-1
46	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	7	2014-2
47	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	7	2014-2
48	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	7	2014-1
49	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	8	2014-1
50	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	5	2013-2
51	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	5	2013-2
52	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	4	2013-1
53	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	5	2013-1
54	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	5	2013-1
55	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	5	2012-2
56	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	3	2012-2
57	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	2	2012-2
58	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	6	2012-1
59	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	2	2012-1
60	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	3	2012-1
61	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	5	2012-1
62	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	3	2011-2
63	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	4	2011-2
64	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	6	2011-2
65	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	1	2011-1
66	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	4	2011-1

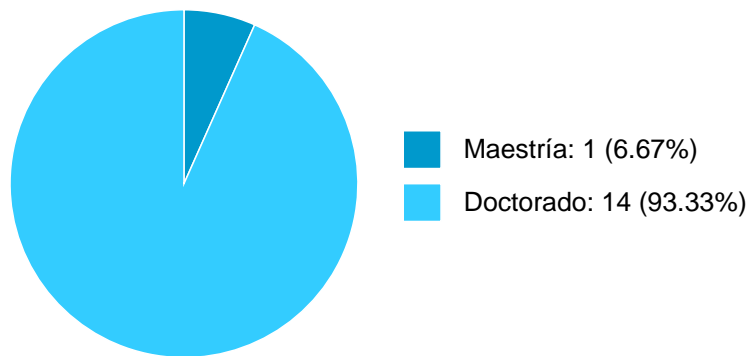
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67	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	7	2011-1
68	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	8	2010-2
69	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	3	2010-2
70	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	1	2010-2
71	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	2	2010-1
72	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	4	2010-1
73	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	2	2009-2
74	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	5	2009-2
75	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	3	2009-2
76	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	3	2009-1
77	Licenciatura	TALLER NIVEL 4	Facultad de Ciencias	2	2009-1
78	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	5	2009-1
79	Licenciatura	TALLER NIVEL 3	Facultad de Ciencias	3	2008-2
80	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	3	2008-2
81	Licenciatura	TALLER NIVEL 2	Facultad de Ciencias	3	2008-1
82	Licenciatura	TALLER NIVEL I	Facultad de Ciencias	2	2008-1

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TUTORIAS EN POSGRADO

Histórico de tutorías en posgrado



#	Entidad	Nivel	Plan de estudios	Año	Semestre
1	Facultad de Medicina	Maestría	Maestría en Ciencias Biológicas	2020	2020-2
2	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biomédicas	2013	2013-2
3	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biomédicas	2013	2014-1
4	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biomédicas	2012	2012-2
5	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biomédicas	2012	2013-1
6	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biomédicas	2011	2011-2
7	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biomédicas	2011	2012-1
8	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biomédicas	2010	2010-2
9	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biomédicas	2010	2011-1
10	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biológicas	2010	2010-2
11	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biológicas	2010	2011-1
12	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biológicas	2009	2009-2
13	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biológicas	2009	2010-1
14	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biológicas	2008	2008-2
15	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biológicas	2008	2009-1



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



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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	2008-2024
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