



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



RICARDO TORRES JARDON

Datos Generales

Nombre: RICARDO TORRES JARDON

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 45 años

Nombramientos

Vigente: TECNICO ACADEMICO TITULAR C TC Definitivo
Instituto de Ciencias de la Atmósfera y Cambio Climático
Desde 01-10-2021

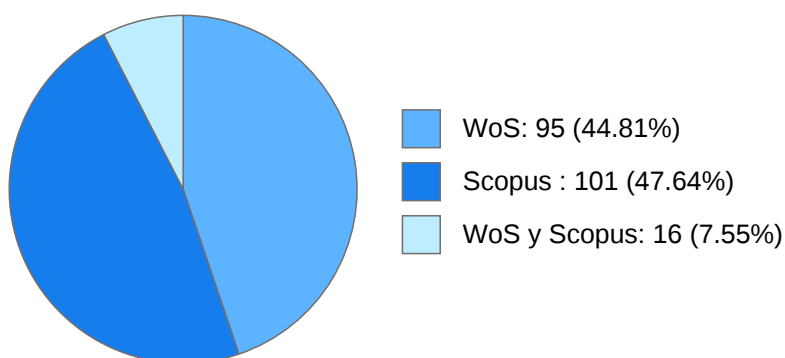
Estímulos, programas, premios y reconocimientos

SNI I 2022 - 2024
SNI I - 2020
PRIDE D 2011 - 2024
PRIDE C - 2011

RICARDO TORRES JARDON

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Alzheimer's, Parkinson's, Frontotemporal Lobar Degeneration, and Amyotrophic Lateral Sclerosis Start in Pediatric Ages: Ultrafine Particulate Matter and Industrial Nanoparticles Are Key in the Early-Onset Neurodegeneration: Time to Invest in Preventive Medicine	FREDY RUBEN CEJUDO RUIZ RICARDO TORRES JARDON Calderón-Garcidueñas L. et al.	Toxics	2025
2	Sleep and Arousal Hubs and Ferromagnetic Ultrafine Particulate Matter and Nanoparticle Motion Under Electromagnetic Fields: Neurodegeneration, Sleep Disorders, Orexinergic Neurons, and Air Pollution in Young Urbanites	FREDY RUBEN CEJUDO RUIZ HECTOR GABRIEL SILVA PEREYRA RICARDO TORRES JARDON et al.	Toxics	2025
3	Cardiovascular damage, arrhythmogenesis and overlapping Alzheimer and Parkinson's diseases and TDP-43 pathology start in pediatric and young adult urban populations: Magnetic ultrafine particulate matter and industrial particles with motion behavior play a key role	FREDY RUBEN CEJUDO RUIZ RICARDO TORRES JARDON Lilian Calderón Garcidueñas et al.	ENVIRONMENTAL RESEARCH	2025

RICARDO TORRES JARDON

4	Influence of biomass burning on ozone levels in the Megalopolis of Central Mexico during the COVID-19 lockdown	VICTOR HUGO ALMANZA VELOZ LUIS GERARDO RUIZ SUAREZ RICARDO TORRES JARDON et al.	JOURNAL OF ENVIRONMENTAL SCIENCES	2024
5	Alzheimer and Parkinson diseases, frontotemporal lobar degeneration and amyotrophic lateral sclerosis overlapping neuropathology start in the first two decades of life in pollution exposed urbanites and brain ultrafine particulate matter and industrial nanoparticles, including Fe, Ti, Al, V, Ni, Hg, Co, Cu, Zn, Ag, Pt, Ce, La, Pr and W are key players. Metropolitan Mexico City health crisis is in progress	RICARDO TORRES JARDON HECTOR GABRIEL SILVA PEREYRA SAMUEL TEHUACANERO CUAPA et al.	FRONTIERS IN HUMAN NEUROSCIENCE	2024
6	Histologic, metabolomic, and transcriptomic differences in fir trees from a peri-urban forest under chronic ozone exposure	JUAN PABLO JARAMILLO CORREA SVETLANA SHISHKOVA ESTELA SANDOVAL ZAPOTITLA et al.	ECOLOGY AND EVOLUTION	2024
7	Single-domain magnetic particles with motion behavior under electromagnetic AC and DC fields are a fatal cargo in Metropolitan Mexico City pediatric and young adult early Alzheimer, Parkinson, frontotemporal lobar degeneration and amyotrophic lateral sclerosis and in ALS patients	FREDY RUBEN CEJUDO RUIZ RICARDO TORRES JARDON SAMUEL TEHUACANERO CUAPA et al.	FRONTIERS IN HUMAN NEUROSCIENCE	2024
8	Characterization of PM2.5 during the ACUI5 campaign in Mexico City	TELMA GLORIA CASTRO ROMERO OSCAR AUGUSTO PERALTA ROSALES NAXIELI SANTIAGO DE LA ROSA et al.	GEOFISICA INTERNACIONAL	2024
9	Fall Risk, Sleep Behavior, and Sleep-Related Movement Disorders in Young Urbanites Exposed to Air Pollution	RICARDO TORRES JARDON Lilian Calderon-Garciduenas Randy Kulesza et al.	JOURNAL OF ALZHEIMERS DISEASE	2023
10	Sleep matters: Neurodegeneration spectrum heterogeneity, combustion and friction ultrafine particles, industrial nanoparticle pollution, and sleep disorders? Denial is not an option	RICARDO TORRES JARDON HECTOR GABRIEL SILVA PEREYRA Calderón-Garcidueñas L. et al.	FRONTIERS IN NEUROLOGY	2023
11	APOE Peripheral and Brain Impact: APOE4 Carriers Accelerate Their Alzheimer Continuum and Have a High Risk of Suicide in PM2.5 Polluted Cities	RICARDO TORRES JARDON Lilian Calderon-Garciduenas Jacqueline Hernandez-Luna et al.	Biomolecules	2023

RICARDO TORRES JARDON

12	Evaluating pollution-related damage and restoration success in urban forests with participatory monitoring and digital tools	JUAN PABLO JARAMILLO CORREA RICARDO TORRES JARDON ANA LAURA WEGIER BRIUOLO et al.	Conservation Biology	2023
13	Metals, Nanoparticles, Particulate Matter, and Cognitive Decline	RICARDO TORRES JARDON Lilian Calderon-Garciduenas Diana A. Chavez-Franco et al.	FRONTIERS IN NEUROLOGY	2022
14	Environmental Nanoparticles Reach Human Fetal Brains	HECTOR GABRIEL SILVA PEREYRA RICARDO TORRES JARDON RAUL CARRILLO ESPER et al.	Biomedicines	2022
15	Hemispheric Cortical, Cerebellar and Caudate Atrophy Associated to Cognitive Impairment in Metropolitan Mexico City Young Adults Exposed to Fine Particulate Matter Air Pollution	RICARDO TORRES JARDON Calderón-Garcidueñas L. Hernández-Luna J. et al.	Toxics	2022
16	Environmentally Toxic Solid Nanoparticles in Noradrenergic and Dopaminergic Nuclei and Cerebellum of Metropolitan Mexico City Children and Young Adults with Neural Quadruple Misfolded Protein Pathologies and High Exposures to Nano Particulate Matter	RICARDO TORRES JARDON Calderón-Garcidueñas L. González-Maciel A. et al.	Toxics	2022
17	TDP-43 CSF Concentrations Increase Exponentially with Age in Metropolitan Mexico City Young Urbanites Highly Exposed to PM2.5 and Ultrafine Particles and Historically Showing Alzheimer and Parkinson's Hallmarks. Brain TDP-43 Pathology in MMC Residents Is Associated with High Cisternal CSF TDP-43 Concentrations	RICARDO TORRES JARDON Calderón-Garcidueñas L. Stommel E.W. et al.	Toxics	2022
18	Measurement of Indoor-Outdoor Carbonyls in Three Different Universities Located in the Metropolitan Zone of Mexico Valley during the First Period of Confinements Due to COVID-19	ROCIO GARCIA MARTINEZ GEMA LUZ ANDRACA AYALA RICARDO TORRES JARDON et al.	ATMOSPHERE	2022
19	Ozone over Mexico City during the COVID-19 pandemic	OSCAR AUGUSTO PERALTA ROSALES JOSE ABRAHAM ORTINEZ ALVAREZ RICARDO TORRES JARDON et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2021
20	Mild Cognitive Impairment and Dementia Involving Multiple Cognitive Domains in Mexican Urbanites	RICARDO TORRES JARDON Calderón-Garcidueñas L. Mukherjee P.S. et al.	Advances in Alzheimers Disease	2021

RICARDO TORRES JARDON

21	Decreases in Short Term Memory, IQ, and Altered Brain Metabolic Ratios in Urban Apolipoprotein e4 Children Exposed to Air Pollution	MARICELA OLIVIA FRANCO LIRA RICARDO TORRES JARDON Calderón-Garcidueñas L. et al.	Advances in Alzheimers Disease	2021
22	Combustion-Derived Nanoparticles in Key Brain Target Cells and Organelles in Young Urbanites: Culprit Hidden in Plain Sight in Alzheimer's Disease Development	RICARDO TORRES JARDON González-Maciel A. Reynoso-Robles R. et al.	Advances in Alzheimers Disease	2021
23	A Critical Proton MR Spectroscopy Marker of Alzheimer's Disease Early Neurodegenerative Change: Low Hippocampal NAA/Cr Ratio Impacts APOE e4 Mexico City Children and Their Parents	RICARDO TORRES JARDON Calderón-Garcidueñas L. Mora-Tiscareño A. et al.	Advances in Alzheimers Disease	2021
24	Air Pollution, Combustion and Friction Derived Nanoparticles, and Alzheimer's Disease in Urban Children and Young Adults	RICARDO TORRES JARDON Calderón-Garcidueñas L. González-Maciel A. et al.	Advances in Alzheimers Disease	2021
25	Total gaseous mercury levels in the vicinity of the Central Mexico mountain mining zone and its dispersion area	ROCIO GARCIA MARTINEZ GILBERTO HERNANDEZ SILVA MIGUEL ANGEL FLORES ESPINOSA et al.	AIR QUALITY ATMOSPHERE AND HEALTH	2021
26	Alzheimer disease starts in childhood in polluted Metropolitan Mexico City. A major health crisis in progress	RICARDO TORRES JARDON Calderón-Garcidueñas L. Kulesza R.J. et al.	ENVIRONMENTA L RESEARCH	2020
27	Chemical composition of rainwater collected from 2006 to 2009 in Mexico City and at a rural site in Morelos State, south central Mexico	ROCIO GARCIA MARTINEZ JOSE JAIME ALEJANDRO CARRILLO CHAVEZ RICARDO TORRES JARDON et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2020
28	Iron-rich air pollution nanoparticles: An unrecognised environmental risk factor for myocardial mitochondrial dysfunction and cardiac oxidative stress	RICARDO TORRES JARDON Maher B.A. González-Maciel A. et al.	ENVIRONMENTA L RESEARCH	2020
29	Quadruple abnormal protein aggregates in brainstem pathology and exogenous metal-rich magnetic nanoparticles (and engineered Ti-rich nanorods). The substantia nigrae is a very early target in young urbanites and the gastrointestinal tract a key brainstem portal	RICARDO TORRES JARDON Calderón-Garcidueñas L. González-Maciel A. et al.	ENVIRONMENTA L RESEARCH	2020

RICARDO TORRES JARDON

30	Gait and balance disturbances are common in young urbanites and associated with cognitive impairment. Air pollution and the historical development of Alzheimer's disease in the young	RICARDO TORRES JARDON Calderón-Garcidueñas L. Torres-Solorio A.K. et al.	ENVIRONMENTAL RESEARCH	2020
31	Correlación pan-o3 en el suroeste de la ciudad de México	RICARDO TORRES JARDON Carrasco-Mijarez N.I. Barrera-Huertas H.A.	REVISTA INTERNACIONAL DE CONTAMINACIÓN AMBIENTAL	2020
32	Environmental Nanoparticles, SARS-CoV-2 Brain Involvement, and Potential Acceleration of Alzheimer's and Parkinson's Diseases in Young Urbanites Exposed to Air Pollution	RICARDO TORRES JARDON Calderon-Garciduenas L. Franco-Lira M. et al.	JOURNAL OF ALZHEIMERS DISEASE	2020
33	Cerebrospinal Fluid Biomarkers in Highly Exposed PM2.5 Urbanites: The Risk of Alzheimer's and Parkinson's Diseases in Young Mexico City Residents	RICARDO TORRES JARDON Calderón-Garcidueñas L. Avila-Ramírez J. et al.	Advances in Alzheimer's Disease	2020
34	Monitoring and modeling of household air quality related to use of different Cookfuels in Paraguay	RICARDO TORRES JARDON Tagle M. Pillarisetti A. et al.	Indoor Air	2019
35	Determination of emission factors for climate forcers and air pollutants from improved wood-burning cookstoves in Mexico	RICARDO TORRES JARDON LUIS GERARDO RUIZ SUAREZ TELMA GLORIA CASTRO ROMERO et al.	ENERGY FOR SUSTAINABLE DEVELOPMENT	2019
36	Mild Cognitive Impairment and Dementia Involving Multiple Cognitive Domains in Mexican Urbanites	RICARDO TORRES JARDON Lilian Calderon-Garciduenas Partha S. Mukherjee et al.	JOURNAL OF ALZHEIMERS DISEASE	2019
37	Combustion- and friction-derived magnetic air pollution nanoparticles in human hearts	RICARDO TORRES JARDON Calderón-Garcidueñas L. González-Maciel A. et al.	ENVIRONMENTAL RESEARCH	2019
38	Air Pollution, Combustion and Friction Derived Nanoparticles, and Alzheimer's Disease in Urban Children and Young Adults	RICARDO TORRES JARDON Calderón-Garcidueñas L. González-Maciel A. et al.	JOURNAL OF ALZHEIMERS DISEASE	2019
39	Análisis del transporte de ozono en la cuenca atmosférica de Puebla-Tlaxcala en el centro de México	RICARDO TORRES JARDON LUIS GERARDO RUIZ SUAREZ WILFRIDO GUTIERREZ LOPEZ et al.	REVISTA INTERNACIONAL DE CONTAMINACIÓN AMBIENTAL	2019

RICARDO TORRES JARDON

40	Characterization of NO _x -O _x relationships during daytime interchange of air masses over a mountain pass in the Mexico City megalopolis	RICARDO TORRES JARDON TELMA GLORIA CASTRO ROMERO OSCAR AUGUSTO PERALTA ROSALES et al.	ATMOSPHERIC ENVIRONMENT	2018
41	Hallmarks of Alzheimer disease are evolving relentlessly in Metropolitan Mexico City infants, children and young adults. APOE4 carriers have higher suicide risk and higher odds of reaching NFT stage V at <= 40 years of age	RICARDO TORRES JARDON Calderón-Garcidueñas L. González-Maciel A. et al.	ENVIRONMENTAL RESEARCH	2018
42	Estimation of the impact of ozone on four economically important crops in the city belt of Central Mexico	LUIS GERARDO RUIZ SUAREZ BERTHA EUGENIA MAR MORALES JOSE AGUSTIN GARCIA REYNOSO et al.	ATMOSPHERE	2018
43	Alzheimer's disease and alpha-synuclein pathology in the olfactory bulbs of infants, children, teens and adults =?40 years in Metropolitan Mexico City. APOE4 carriers at higher risk of suicide accelerate their olfactory bulb pathology	RICARDO TORRES JARDON Lilian Calderon-Garciduenas Angelica Gonzalez-Maciel et al.	ENVIRONMENTAL RESEARCH	2018
44	Combustion-Derived Nanoparticles in Key Brain Target Cells and Organelles in Young Urbanites: Culprit Hidden in Plain Sight in Alzheimer's Disease Development	RICARDO TORRES JARDON Gonzalez-Maciel, Angelica Reynoso-Robles, Rafael et al.	JOURNAL OF ALZHEIMERS DISEASE	2017
45	Exposures to fine particulate matter (PM _{2.5}) and ozone above USA standards are associated with auditory brainstem dysmorphology and abnormal auditory brainstem evoked potentials in healthy young dogs	R. E. Soriano Rosales RICARDO TORRES JARDON Calderón-Garcidueñas, L. et al.	ENVIRONMENTAL RESEARCH	2017
46	Mapping recession risk for cultural heritage stone in Mexico City due to dry and wet deposition of urban air pollutants	RICARDO TORRES JARDON JOSE AGUSTIN GARCIA REYNOSO BERTHA EUGENIA MAR MORALES et al.	ATMOSFERA	2017
47	Prefrontal white matter pathology in air pollution exposed Mexico City young urbanites and their potential impact on neurovascular unit dysfunction and the development of Alzheimer's disease	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Reynoso-Robles, Rafael et al.	ENVIRONMENTAL RESEARCH	2016
48	Morphological and chemical characterization of soot emitted during flaming combustion stage of native-wood species used for cooking process in western Mexico	GIOVANNI ALBERTO CARABALI SANDOVAL TELMA GLORIA CASTRO ROMERO WENCEL JOSE DE LA CRUZ HERNANDEZ et al.	JOURNAL OF AEROSOL SCIENCE	2016

RICARDO TORRES JARDON

49	Air pollution, a rising environmental risk factor for cognition, neuroinflammation and neurodegeneration: The clinical impact on children and beyond	RICARDO TORRES JARDON Calderon-Garciduenas, L. Leray, E. et al.	REVUE NEUROLOGIQUE	2016
50	Interactive and additive influences of Gender, BMI and Apolipoprotein 4 on cognition in children chronically exposed to high concentrations of PM2.5 and ozone. APOE 4 females are at highest risk in Mexico City	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Jewells, Valerie et al.	ENVIRONMENTAL RESEARCH	2016
51	Magnetite pollution nanoparticles in the human brain	RICARDO TORRES JARDON Maher, Barbara A. Ahmed, Imad A. M. et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2016
52	Cerebrospinal Fluid Biomarkers in Highly Exposed PM _{2.5} Urbanites: The Risk of Alzheimer's and Parkinson's Diseases in Young Mexico City Residents	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Avila-Ramirez, Jose et al.	JOURNAL OF ALZHEIMERS DISEASE	2016
53	Diurnal variations of airborne pollen concentration and the effect of ambient temperature in three sites of Mexico City	RICARDO TORRES JARDON ELIA RAMIREZ ARRIAGA IRMA AURORA ROSAS PEREZ et al.	INTERNATIONAL JOURNAL OF BIOMETEOROL GY	2016
54	Spatial distribution and transport patterns of NO ₂ in the Tijuana-San Diego area	CLAUDIA INES RIVERA CARDENAS WOLFGANG MICHAEL HELMUT STREMMER Hugo Barrera et al.	ATMOSPHERIC POLLUTION RESEARCH	2015
55	Decreases in Short Term Memory, IQ, and Altered Brain Metabolic Ratios in Urban Apolipoprotein epsilon 4 Children Exposed to Air Pollution	MARICELA OLIVIA FRANCO LIRA RICARDO TORRES JARDON CalderonGarciduenas, Lilian et al.	JOURNAL OF ALZHEIMERS DISEASE	2015
56	Megacities air pollution problems: Mexico City Metropolitan Area critical issues on the central nervous system pediatric impact	RICARDO TORRES JARDON CalderonGarciduenas, Lilian Kulesza, Randy J. et al.	ENVIRONMENTAL RESEARCH	2015
57	The impact of air pollutants on the brain	RICARDO TORRES JARDON CalderonGarciduenas, Lilian	JAMA PSYCHIATRY	2015

RICARDO TORRES JARDON

58	Mexico City normal weight children exposed to high concentrations of ambient PM2.5 show high blood leptin and endothelin-1, vitamin D deficiency, and food reward hormone dysregulation versus low pollution controls. Relevance for obesity and Alzheimer disease	MARICELA OLIVIA FRANCO LIRA RICARDO TORRES JARDON CalderonGarciduenas, Lilian et al.	ENVIRONMENTAL RESEARCH	2015
59	A Critical Proton MR Spectroscopy Marker of Alzheimer's Disease Early Neurodegenerative Change: Low Hippocampal NAA/Cr Ratio Impacts APOE epsilon 4 Mexico City Children and Their Parents	RICARDO TORRES JARDON CalderonGarciduenas, Lilian MoraTiscareno, Antonieta et al.	JOURNAL OF ALZHEIMERS DISEASE	2015
60	Air pollution and your brain: what do you need to know right now	RICARDO TORRES JARDON CalderonGarciduenas, Lilian CalderonGarciduenas, Ana et al.	PRIMARY HEALTH CARE RESEARCH AND DEVELOPMENT	2015
61	Air Pollution and Children: Neural and Tight Junction Antibodies and Combustion Metals, the Role of Barrier Breakdown and Brain Immunity in Neurodegeneration	MARICELA OLIVIA FRANCO LIRA RICARDO TORRES JARDON CalderonGarciduenas, Lilian et al.	JOURNAL OF ALZHEIMERS DISEASE	2015
62	Air pollution and children: barrier breakdown, inflammation, brain immunity and neurodegeneration	GUMARO CANO GUTIERREZ RICARDO TORRES JARDON L. Calderon Garciduenas et al.	JOURNAL OF THE NEUROLOGICAL SCIENCES	2015
63	Air pollution and detrimental effects on children's brain. The need for a multidisciplinary approach to the issue complexity and challenges	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Kulesza, Randy J. et al.	FRONTIERS IN HUMAN NEUROSCIENCE	2014
64	A comparison between Cal-Mex in Tijuana and Cal-Nex in Pasadena on aerosol optical properties, ozone and reactive nitrogen	GIOVANNI ALBERTO CARABALI SANDOVAL RICARDO TORRES JARDON TELMA GLORIA CASTRO ROMERO et al.	Urban Climate	2014
65	Early Alzheimer's and Parkinson's Disease Pathology in Urban Children: Friend versus Foe Responses-It Is Time to Face the Evidence	RICARDO TORRES JARDON "Calderon-Garciduenas, Lilian Kavanaugh, Michael et al.	BIOMED RESEARCH INTERNATIONAL	2013

RICARDO TORRES JARDON

66	Exposure to urban air pollution and bone health in clinically healthy six-year-old-children	Antonieta Mora Tiscareno MARICELA OLIVIA FRANCO LIRA RICARDO TORRES JARDON et al.	ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU -ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY	2013
67	H ₂ S emissions from Cerro Prieto geothermal power plant, Mexico, and air pollutants measurements in the area	OSCAR AUGUSTO PERALTA ROSALES TELMA GLORIA CASTRO ROMERO RAFAEL NAVARRO GONZALEZ et al.	Geothermics	2013
68	Meteorological overview and plume transport patterns during Cal-Mex 2010	RICARDO TORRES JARDON MICHEL ALEXANDRE GRUTTER DE LA MORA WILFRIDO GUTIERREZ LOPEZ et al.	ATMOSPHERIC ENVIRONMENT	2013
69	Measurements of formaldehyde at the U.S.-Mexico border during the Cal-Mex 2010 air quality study	RICARDO TORRES JARDON LUIS GERARDO RUIZ SUAREZ Zheng, Jun et al.	ATMOSPHERIC ENVIRONMENT	2013
70	Volatile organic compounds in Tijuana during the cal-mex 2010 campaign: Measurements and source apportionment	RICARDO TORRES JARDON LUIS GERARDO RUIZ SUAREZ Zheng, Jun et al.	ATMOSPHERIC ENVIRONMENT	2013
71	The impact of environmental metals in young urbanites' brains	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Serrano-Sierra, Alejandro et al.	EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY	2013
72	Up-regulation of mRNA ventricular PRNP prion protein gene expression in air pollution highly exposed young urbanites: Endoplasmic reticulum stress, glucose regulated protein 78, and nanosized particles	RICARDO TORRES JARDON Villarreal-Calderon, Rodolfo Franco-Lira, Maricela et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2013
73	Brain immune interactions and air pollution: macrophage inhibitory factor (MIF), prion cellular protein (PrPC), Interleukin-6 (IL-6), interleukin 1 receptor antagonist (IL-1Ra), and interleukin-2 (IL-2) in cerebrospinal fluid and MIF in serum differentiate urban children exposed to severe vs. low air pollution	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Cross, Janet V. et al.	FRONTIERS IN NEUROSCIENCE	2013
74	Flavonol-rich dark cocoa significantly decreases plasma endothelin-1 and improves cognition in urban children	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Mora-Tiscareno, Antonieta et al.	FRONTIERS IN PHARMACOLOG Y	2013

RICARDO TORRES JARDON

75	Neuroinflammation, Hyperphosphorylated Tau, Diffuse Amyloid Plaques, and Down-Regulation of the Cellular Prion Protein in Air Pollution Exposed Children and Young Adults	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Kavanaugh, Michael et al.	JOURNAL OF ALZHEIMERS DISEASE	2012
76	Study of the regional air quality south of Mexico City (Morelos state)	TELMA GLORIA CASTRO ROMERO LUIS GERARDO RUIZ SUAREZ JOSE AGUSTIN GARCIA REYNOSO et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2012
77	Urban air pollution produces up-regulation of myocardial inflammatory genes and dark chocolate provides cardioprotection	RICARDO TORRES JARDON Villarreal-Calderon, Rodolfo Reed, William et al.	EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY	2012
78	White Matter Hyperintensities, Systemic Inflammation, Brain Growth, and Cognitive Functions in Children Exposed to Air Pollution	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Mora-Tiscareno, Antonieta et al.	JOURNAL OF ALZHEIMERS DISEASE	2012
79	Intra-city Differences in Cardiac Expression of Inflammatory Genes and Inflammasomes in Young Urbanites: A Pilot Study	RICARDO TORRES JARDON Villarreal-Calderon, Rodolfo Dale, Gary et al.	J TOXICOL PATHOL	2012
80	Air pollution, socioeconomic status, and children's cognition in megacities: the Mexico City scenario	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian	FRONTIERS IN PSYCHOLOGY	2012
81	Air pollution is associated with brainstem auditory nuclei pathology and delayed brainstem auditory evoked potentials	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian D'Angiulli, Amedeo et al.	INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE	2011
82	Exposure to severe urban air pollution influences cognitive outcomes, brain volume and systemic inflammation in clinically healthy children	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Engle, Randall et al.	BRAIN AND COGNITION	2011
83	Urban air pollution: Influences on olfactory function and pathology in exposed children and young adults	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Franco-Lira, Maricela et al.	EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY	2010
84	Urban Air Pollution Targets the Dorsal Vagal Complex and Dark Chocolate Offers Neuroprotection	RICARDO TORRES JARDON Villarreal-Calderon, Rafael Palacios-Moreno, Juan et al.	INTERNATIONAL JOURNAL OF TOXICOLOGY	2010
85	Immunotoxicity and Environment: Immunodysregulation and Systemic Inflammation in Children	Margarita Granada Macias RICARDO TORRES JARDON Calderon-Garciduenas, Lilian et al.	TOXICOLOGIC PATHOLOGY	2009

RICARDO TORRES JARDON

86	Effects of a Cyclooxygenase-2 Preferential Inhibitor in Young Healthy Dogs Exposed to Air Pollution: A Pilot Study	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Mora-Tiscareno, Antonieta et al.	TOXICOLOGIC PATHOLOGY	2009
87	Ozone weekend effect analysis in Mexico City	JOSE AGUSTIN GARCIA REYNOSO ARON JAZCILEVICH DIAMANT LUIS GERARDO RUIZ SUAREZ et al.	ATMOSFERA	2009
88	Assessment of the Ozone-Nitrogen Oxide-Volatile Organic Compound Sensitivity of Mexico City through an Indicator-Based Approach: Measurements and Numerical Simulations Compariso	RICARDO TORRES JARDON JOSE AGUSTIN GARCIA REYNOSO ARON JAZCILEVICH DIAMANT et al.	J AIR WASTE MANAGE	2009
89	Air Pollution, Heart Inflammatory Signaling Molecules and Chocolate.	RICARDO TORRES JARDON Villarreal-Calderon, R. Palacios-Moreno, J. et al.	AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE	2009
90	Systemic inflammation, endothelial dysfunction, and activation in clinically healthy children exposed to air pollutants	RICARDO TORRES JARDON Calderon-Garciduenas, L. Villarreal-Calderon, R. et al.	INHALATION TOXICOLOGY	2008
91	Air pollution, cognitive deficits and brain abnormalities: A pilot study with children and dogs	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Mora-Tiscareno, Antonieta et al.	BRAIN AND COGNITION	2008
92	Long-term Air Pollution Exposure Is Associated with Neuroinflammation, an Altered Innate Immune Response, Disruption of the Blood-Brain Barrier, Ultrafine Particulate Deposition	RICARDO TORRES JARDON Calderon-Garciduenas, Lilian Solt, Anna C. et al.	TOXICOLOGIC PATHOLOGY	2008
93	Pediatric respiratory and systemic effects of chronic air pollution exposure: Nose, lung, heart, and brain pathology	RICARDO TORRES JARDON Calderón-Garcidueñas L. Franco-Lira M. et al.	TOXICOLOGIC PATHOLOGY	2007
94	Elevated plasma endothelin-1 and pulmonary arterial pressure in children exposed to air pollution	RICARDO TORRES JARDON Calderón-Garcidueñas L. Vincent R. et al.	ENVIRONMENTA L HEALTH PERSPECTIVES	2007

RICARDO TORRES JARDON

95	The weekday/weekend effect on O3-NOx-VOC sensitivity of Cincinnati, Ohio	RICARDO TORRES JARDON Keener T.C.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2006
96	Evaluation of ozone-nitrogen oxides-volatile organic compound sensitivity of Cincinnati, Ohio	RICARDO TORRES JARDON Keener T.C.	JOURNAL OF THE AIR & WASTE MANAGEMENT ASSOCIATION	2006
97	Lung radiology and pulmonary function of children chronically exposed to air pollution	RICARDO TORRES JARDON Calderón-Garcidueñas L. Mora-Tiscareño A. et al.	ENVIRONMENTAL HEALTH PERSPECTIVES	2006
98	Brain inflammation and Alzheimer's-like pathology in individuals exposed to severe air pollution	RICARDO TORRES JARDON Calderón-Garcidueñas L. Reed W. et al.	TOXICOLOGIC PATHOLOGY	2004
99	DNA damage in nasal and brain tissues of canines exposed to air pollutants is associated with evidence of chronic brain inflammation and neurodegeneration	RICARDO TORRES JARDON Calderón-Garcidueñas L. Maronpot R.R. et al.	TOXICOLOGIC PATHOLOGY	2003
100	Air pollution problem in the Mexico City Metropolitan Zone: Photochemical pollution	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ JOSE ROBERTO PABLO SANCHEZ ALVAREZ RODOLFO SOSA ECHEVERRIA et al.	Proceedings Of The Air & Waste Management Association's Annual Meeting & Exhibition	1997
101	Environmental ethics in the proposal of scientific air pollution control strategies: Mexico case study	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RICARDO TORRES JARDON RODOLFO SOSA ECHEVERRIA	Proceedings Of The Air & Waste Management Association's Annual Meeting & Exhibition	1997
102	Reformulated gasolines: The experience of Mexico City Metropolitan Zone	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RICARDO TORRES JARDON RODOLFO SOSA ECHEVERRIA	Proceedings Of The Air & Waste Management Association's Annual Meeting & Exhibition	1997



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



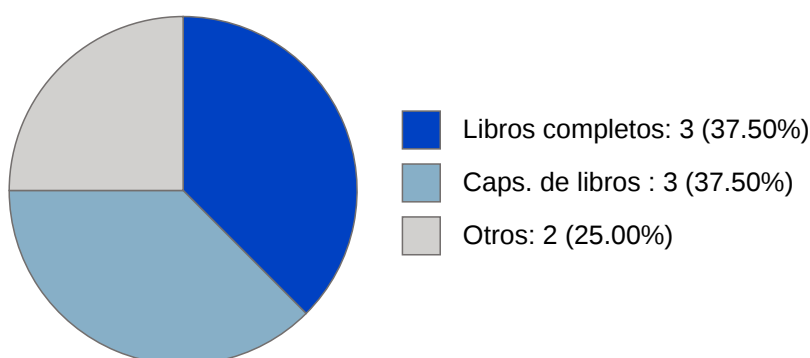
RICARDO TORRES JARDON

- | | | | |
|-----|---|--|---|
| 103 | Necessity of the environmental assessment to evaluate projects related with the use of alternative gasoline fuels in densely populated metropolitan areas | JUAN HUMBERTO ANTONIO BRAVO
ALVAREZ RICARDO TORRES JARDON | Proceedings Of 1996
The Air & Waste
Management
Association's
Annual Meeting
& Exhibition |
|-----|---|--|---|

RICARDO TORRES JARDON

LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Alzheimer's development and progression in urban children and young adults: Nanoparticles, mitochondria, endoplasmic reticulum and cellular havoc	RICARDO TORRES JARDON Calderón-Garcidueñas L. González-Maciel A. et al.	Capítulo de un Libro	2021	9781536190021
2	Cerebrospinal fluid biomarkers in highly exposed PM2.5 urbanites: The risk of Alzheimer's and parkinson's diseases in Young Mexico City Residents	RICARDO TORRES JARDON Calderón-Garcidueñas L. Avila-Ramírez J. et al.	Capítulo de un Libro	2021	9781643681597
3	Environmental nanoparticles, SARS-CoV-2 brain involvement, and potential acceleration of Alzheimer's and parkinson's diseases in young urbanites exposed to air pollution	RICARDO TORRES JARDON MARICELA OLIVIA FRANCO LIRA Calderón-Garcidueñas L. et al.	Capítulo de un Libro	2021	9781643681597
4	Analysis of a university parking lot system through the use of discrete-event simulation	RICARDO TORRES JARDON JENARO NOSEDAL SANCHEZ Affenzeller M. et al.	Conferencia Paper	2019	9788885741263
5	Transversalidad de la política de la calidad del aire en México	RICARDO TORRES JARDON	Libro Completo	2019	9786078611522
6	Transversalidad de la política de la calidad del aire en México	RICARDO TORRES JARDON	Libro Completo	2018	9786078611256

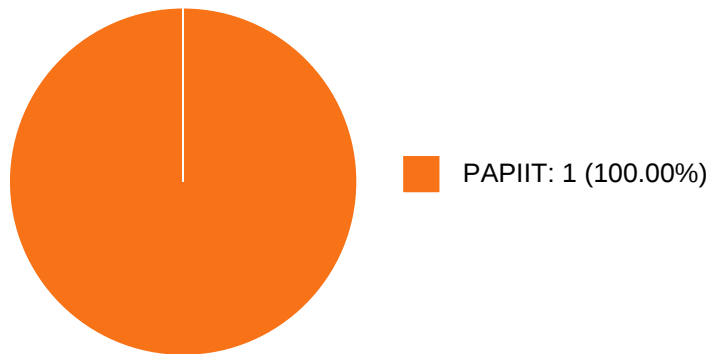
RICARDO TORRES JARDON

7	Cuaderno de prácticas de Química Básica para las Geociencias	MARIA DEL SOL HERNANDEZ BERNAL NEFTALI RAZO PEREZ RICARDO TORRES JARDON et al.	Libro Completo	2016	9786070276682
8	Modelling the effect of sugar refinery pollution in a rural area in central Mexico	ANN GODELIEVE WELLENS RICARDO TORRES JARDON González J. et al.	Conferenc e Paper	2012	978889799909 6

RICARDO TORRES JARDON

PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

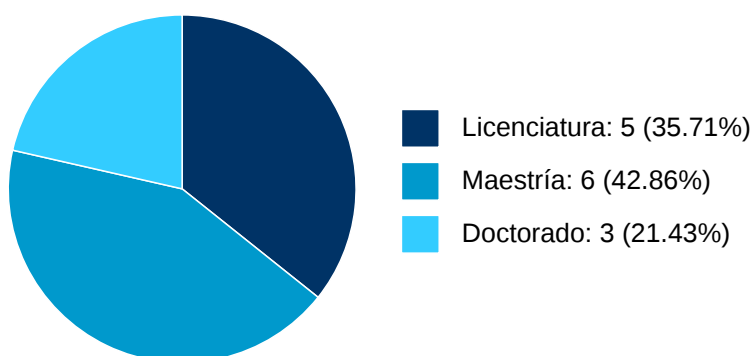


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Evaluación del potencial de formación de ozono de carbonilos en el aire y su correlación con emisiones vehiculares asociadas al uso de gasolinas oxigenadas.	ROCIO GARCIA MARTINEZ RICARDO TORRES JARDON	Recursos PAPIIT	01-01-2024	31-12-2025

RICARDO TORRES JARDON

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Estudio sobre el transporte de partículas PM2.5 entre las cuencas atmosféricas de los valles de México y Toluca durante el proyecto CCA-PTI7	Tesis de Maestría	RICARDO TORRES JARDON,	Portillo Sánchez, Ana Karen,	Instituto de Ciencias de la Atmósfera y Cambio Climático,	2022
2	Caracterización del transporte intercuenca de COV precursores de ozono entre la Zona Metropolitana Toluca-Lerma y la Zona Metropolitana del Valle de México	Tesis de Doctorado	RICARDO TORRES JARDON,	Solano Murillo, Mónica,	Instituto de Ciencias de la Atmósfera y Cambio Climático,	2022
3	Estimación de factores de emisión de forzadores climáticos de vida corta y contaminantes del aire de estufas de leña mejoradas distribuidas en México	Tesis de Doctorado	RICARDO TORRES JARDON,	Padilla Barrera, Zuhelen Verónica,	Centro de Ciencias de la Atmósfera,	2020
4	Análisis de transporte regional de ozono y su impacto en la calidad del aire de Saltillo, Coahuila	Tesis de Maestría	RICARDO TORRES JARDON,	Bautista Delgado, Elan,	Centro de Ciencias de la Atmósfera,	2019

RICARDO TORRES JARDON

5	Identificación de la influencia de eventos de quemaduras agrícolas e incendios forestales en la calidad del aire mediante el método del incremento del cociente $\text{PM}_{2.5}/\text{CO}$: casos de estudio : Mérida, Yucatán y Morelia, Michoacán	Tesis de Maestría	RICARDO TORRES JARDON,	Pérez Martínez, Oscar Enrique,	Centro de Ciencias de la Atmósfera,	2019
6	Mapeo del riesgo de recesión del patrimonio cultural de roca por depositación seca y húmeda de contaminantes atmosféricos en la Zona Metropolitana del Valle de México	Tesis de Doctorado	FRANCISCO JAVIER RODRIGUEZ GOMEZ,	RICARDO TORRES JARDON, Castillo Miranda, Javier Omar,	Centro de Ciencias de la Atmósfera, Facultad de Química,	2018
7	Estudio sobre la variación de PM_{10} , $\text{PM}_{2.5}$ y la fracción gruesa ($\text{PM}_{10} - \text{PM}_{2.5}$) en Juriquilla, Querétaro y su relación con variables meteorológicas	Tesis de Licenciatura	RICARDO TORRES JARDON,	Navarro Medina, Abigail,	Centro de Ciencias de la Atmósfera,	2018
8	Caracterización e óxidos de nitrógeno (NO_x), monóxido de carbono (CO), carbono negro (CN) y ozono (O_3) en el suroeste de Toluca, Estado de México, durante el proyecto CCA-PT17	Tesis de Maestría	RICARDO TORRES JARDON,	Aparicio Plazas, David Eduardo,	Centro de Ciencias de la Atmósfera,	2018
9	Análisis de la tendencia de las concentraciones de NO , NO_2 , O_3 y NO_x en el periodo 2000-2015 en la Zona Metropolitana de la Ciudad de México y su implicación en la química atmosférica local	Tesis de Licenciatura	RICARDO TORRES JARDON,	Rensoli Samayoa, René,	Centro de Ciencias de la Atmósfera,	2017

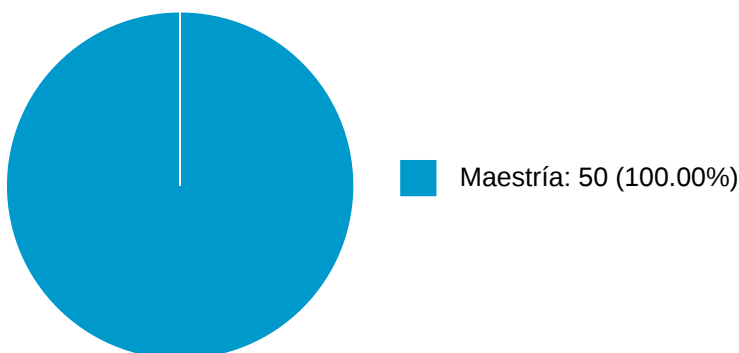
RICARDO TORRES JARDON

10	Investigación de la química nocturna de O ₃ , NO _x y N ₂ O ₅ en el suroeste de la Ciudad de México	Tesis de Licenciatura	RICARDO TORRES JARDON,	Pérez Martínez, Oscar Enrique,	Centro de Ciencias de la Atmósfera,	2016
11	Correlación entre ácido nítrico gaseoso y ozono en un sitio receptor de smog fotoquímico de la ciudad de México	Tesis de Maestría	RICARDO TORRES JARDON,	Cuevas Contreras, José Armando,	Centro de Ciencias de la Atmósfera,	2014
12	Variabilidad temporal de hidrocarburos policíclicos aromáticos en un sitio receptor del Valle de Puebla?Tlaxcala, campaña de monitoreo FOMIX-CONACYT 2012	Tesis de Maestría	RICARDO TORRES JARDON,	Padilla Barrera, Zuhelen Verónica,	Centro de Ciencias de la Atmósfera,	2014
13	Evaluación de los niveles y fuentes de elementos trazada en partículas suspendidas en el área insustrial de Lázaro Cárdenas, Michoacan y Petacalco, Guerrero	Tesis de Licenciatura	RICARDO TORRES JARDON,	Herrera Hernández, Mario Eduardo,	Centro de Ciencias de la Atmósfera,	2012
14	Evaluación de la relación NMHC/NO _x en días hábiles y no hábiles como indicador de la química asociada a la formación de ozono en la Ciudad de México	Tesis de Licenciatura	RICARDO TORRES JARDON,	Dehesa Castillejos, Mitchel,	Centro de Ciencias de la Atmósfera,	2010

RICARDO TORRES JARDON

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFÉRICAS TÉCNICAS DE MUESTREO Y ANÁLISIS DE CONTAMINANTES ATMOSFÉRICOS	Instituto de Ciencias de la Atmósfera y Cambio Climático	7	2023-2
2	Maestría	FÍSICO QUÍMICA DE LA ATMÓSFERA	Instituto de Ciencias de la Atmósfera y Cambio Climático	6	2023-1
3	Maestría	ACTIVIDAD ACADÉMICA PARA LA OBTENCIÓN DEL GRADO	Instituto de Ciencias de la Atmósfera y Cambio Climático	1	2022-2
4	Maestría	SEMINARIO DE INVESTIGACIÓN	Instituto de Ciencias de la Atmósfera y Cambio Climático	1	2022-2
5	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFÉRICAS	Instituto de Ciencias de la Atmósfera y Cambio Climático	3	2022-2
6	Maestría	FÍSICO QUÍMICA DE LA ATMÓSFERA	Instituto de Ciencias de la Atmósfera y Cambio Climático	2	2022-1
7	Maestría	SEMINARIO DE INVESTIGACIÓN	Instituto de Ciencias de la Atmósfera y Cambio Climático	1	2022-1
8	Maestría	ACTIVIDAD ACADÉMICA PARA LA OBTENCIÓN DEL GRADO	Instituto de Ciencias de la Atmósfera y Cambio Climático	1	2022-1

RICARDO TORRES JARDON

9	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFÉRICAS TÉCNICAS DE MUESTREO Y ANÁLISIS DE CONTAMINANTES ATMOSFÉRICOS	Instituto de Ciencias de la Atmósfera y Cambio Climático	2	2021-2
10	Maestría	ACTIVIDAD ACADÉMICA PARA LA OBTENCIÓN DEL GRADO	Instituto de Radioastronomía y Astrofísica	1	2020-2
11	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFÉRICAS TÉCNICAS DE MUESTREO Y ANÁLISIS DE CONTAMINANTES ATMOSFÉRICOS	Instituto de Radioastronomía y Astrofísica	1	2020-2
12	Maestría	SEMINARIO DE INVESTIGACIÓN	Instituto de Radioastronomía y Astrofísica	1	2020-1
13	Maestría	FÍSICO QUÍMICA DE LA ATMÓSFERA	Instituto de Radioastronomía y Astrofísica	1	2020-1
14	Maestría	ACTIVIDAD ACADÉMICA PARA LA OBTENCIÓN DEL GRADO	Centro de Ciencias de la Atmósfera	2	2019-2
15	Maestría	ACTIVIDADES PARA LA OBTENCIÓN DEL GRADO	Facultad de Ciencias	1	2019-2
16	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFÉRICAS TÉCNICAS DE MUESTREO Y ANÁLISIS DE CONTAMINANTES ATMOSFÉRICOS	Centro de Ciencias de la Atmósfera	5	2019-2
17	Maestría	SEMINARIO DE INVESTIGACIÓN	Centro de Ciencias de la Atmósfera	2	2019-1
18	Maestría	FÍSICO QUÍMICA DE LA ATMÓSFERA	Centro de Ciencias de la Atmósfera	7	2019-1
19	Maestría	SESIONES DE TUTORÍA II	Facultad de Ciencias	1	2019-1
20	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFERICAS,TÉCNICAS DE MUESTREO Y ANÁLISIS DE CONTAMINANTES ATMOSFÉRICOS	Instituto de Radioastronomía y Astrofísica	5	2018-2
21	Maestría	ACTIVIDAD ACADEMICA PARA LA OBTENCION DEL GRADO	Instituto de Radioastronomía y Astrofísica	1	2018-2
22	Maestría	SESIONES DE TUTORIA	Facultad de Ciencias	1	2018-2
23	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Radioastronomía y Astrofísica	1	2018-1
24	Maestría	FISICO QUIMICA DE LA ATMOSFERA	Instituto de Radioastronomía y Astrofísica	8	2018-1

RICARDO TORRES JARDON

25	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFÉRICAS TECNICAS DE MUESTREO Y ANALISIS DE CONTAMINANTES ATMOSFERICOS	Centro de Geociencias en Juriquilla, Querétaro	1	2017-2
26	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFÉRICAS TÉCNICAS DE MUESTREO Y ANÁLISIS DE CONTAMINANTES ATMOSFÉRICOS	Centro de Ciencias de la Atmósfera	3	2017-2
27	Maestría	FISICO QUIMICA DE LA ATMOSFERA-305900	Centro de Ciencias de la Atmósfera	3	2017-1
28	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFERICAS	Centro de Ciencias de la Atmósfera	3	2016-2
29	Maestría	FISICO QUIMICA DE LA ATMOSFERA	Centro de Ciencias de la Atmósfera	6	2016-1
30	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFERICAS	Centro de Ciencias de la Atmósfera	3	2015-2
31	Maestría	FISICO QUIMICA DE LA ATMOSFERA	Centro de Ciencias de la Atmósfera	3	2015-1
32	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFERICAS	Centro de Ciencias de la Atmósfera	3	2014-2
33	Maestría	FISICO QUIMICA DE LA ATMOSFERA	Centro de Ciencias de la Atmósfera	5	2014-1
34	Maestría	ACTIVIDAD ACADEMICA PARA LA OBTENCION DEL GRADO	Centro de Ciencias de la Atmósfera	1	2013-2
35	Maestría	SEMINARIO DE INVESTIGACION	Centro de Ciencias de la Atmósfera	1	2013-1
36	Maestría	FISICO QUIMICA DE LA ATMOSFERA	Centro de Ciencias de la Atmósfera	2	2013-1
37	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFERICAS	Centro de Ciencias de la Atmósfera	4	2012-2
38	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFERICAS	Centro de Ciencias de la Atmósfera	3	2012-2
39	Maestría	FISICO QUIMICA DE LA ATMOSFERA	Centro de Ciencias de la Atmósfera	4	2012-1
40	Maestría	SEMINARIO DE INVESTIGACION	Centro de Ciencias de la Atmósfera	1	2012-1
41	Maestría	SEMINARIO DE INVESTIGACION	Centro de Ciencias de la Atmósfera	1	2012-1
42	Maestría	TEMA SELECTO DE CIENCIAS ATMOSFERICAS	Centro de Ciencias de la Atmósfera	6	2012-1
43	Maestría	TEMA SELECTO	Centro de Ciencias de la Atmósfera	3	2011-2
44	Maestría	TEMA SELECTO	Centro de Ciencias de la Atmósfera	3	2011-1



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



RICARDO TORRES JARDON

45	Maestría	TEMA SELECTO	Centro de Ciencias de la Atmósfera	1	2011-1
46	Maestría	TEMA SELECTO	Centro de Ciencias de la Atmósfera	2	2010-2
47	Maestría	SEMINARIO DE INVESTIGACION	Centro de Ciencias de la Atmósfera	1	2010-1
48	Maestría	TEMA SELECTO	Centro de Ciencias de la Atmósfera	5	2009-1
49	Maestría	TEMA SELECTO	Instituto de Geología	1	2009-1
50	Maestría	TEMA SELECTO	Centro de Ciencias de la Atmósfera	6	2008-1



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



RICARDO TORRES JARDON

PATENTES

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

RICARDO TORRES JARDON

RICARDO TORRES JARDON

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