



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



JOSE ROBERTO PABLO SANCHEZ ALVAREZ

Datos Generales

Nombre: JOSE ROBERTO PABLO SANCHEZ ALVAREZ

Máximo nivel de estudios: LICENCIATURA

Antigüedad académica en la UNAM: 33 años

Nombramientos

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

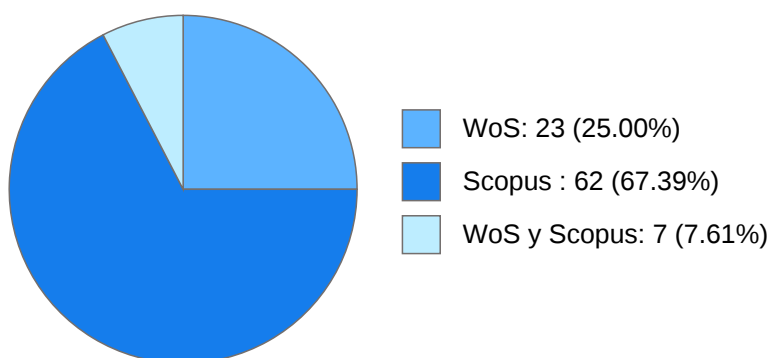
Estímulos, programas, premios y reconocimientos

PRIDE B 2017 - 2021
PRIDE C - 2017

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Adoption of Electric Vehicles and Forecasting Air Emissions in the Metropolitan Area of Mexico City by 2050	RODOLFO SOSA ECHEVERRIA GRACIELA VELASCO HERRERA JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	World Electric Vehicle Journal	2025
2	Temporal Variation and Chemical Composition of Wet Atmospheric Deposition From Two Coastal Sites in the Gulf of Mexico	RODOLFO SOSA ECHEVERRIA ANA LUISA ALARCON JIMENEZ JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	WATER AIR AND SOIL POLLUTION	2024
3	Nitrogen and sulfur compounds in ambient air and in wet atmospheric deposition at Mexico city metropolitan area	RODOLFO SOSA ECHEVERRIA ANA LUISA ALARCON JIMENEZ MARIA DEL CARMEN TORRES BARRERA et al.	ATMOSPHERIC ENVIRONMENT	2023
4	Chemical Composition of Wet Atmospheric Deposition in a Natural Urban Reserve, Conservation of Green Urban Areas: a Mexico City Case Study	MARIA ALEJANDRA FONSECA SALAZAR RODOLFO SOSA ECHEVERRIA ANA LUISA ALARCON JIMENEZ et al.	WATER AIR AND SOIL POLLUTION	2023

JOSE ROBERTO PABLO SANCHEZ ALVAREZ

5	Reduction of atmospheric emissions by the use of low-emission technologies in mobile sources at the Mexico City Metropolitan Area	RODOLFO SOSA ECHEVERRIA GRACIELA VELASCO HERRERA JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2023
6	Wet atmospheric deposition ratios as indicators of atmospheric pollution in different regions of México	RODOLFO SOSA ECHEVERRIA ANA LUISA ALARCON JIMENEZ JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2023
7	Air quality in the Port of Veracruz, Mexico	RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ VICTOR ORLANDO MAGAÑA RUEDA et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2021
8	Advances in the evaluation of reactive nitrogen in Mexico City Metropolitan Area	RODOLFO SOSA ECHEVERRIA ANA LUISA ALARCON JIMENEZ JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2021

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9	Sulfur dioxide and particles (PM10) air quality in a Port located on the Gulf of Mexico	RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ Retama A.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2020
10	Sulfur and nitrogen compounds in wet atmospheric deposition on the coast of the Gulf of Mexico from 2003 to 2015	RODOLFO SOSA ECHEVERRIA ANA LUISA ALARCON JIMENEZ MARIA DEL CARMEN TORRES BARRERA et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2020
11	Chemical composition of wet atmospheric deposition at the main Mexican port located in the gulf of Mexico	RODOLFO SOSA ECHEVERRIA ANA LUISA ALARCON JIMENEZ MARIA DEL CARMEN TORRES BARRERA et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2019
12	Spatial and temporal variation of acid rain in the Mexico City Metropolitan Zone	RODOLFO SOSA ECHEVERRIA ANA LUISA ALARCON JIMENEZ MARIA DEL CARMEN TORRES BARRERA et al.	ATMOSFERA	2019
13	Comparison of vacuum static quadrupolar metrics	HERNANDO QUEVEDO CUBILLOS JOSE ROBERTO PABLO SANCHEZ ALVAREZ Frutos-Alfaro F.	Royal Society Open Science	2018
14	Three decades of recommendations to improve air quality in Mexico City Metropolitan Area	RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ Mónica Jaimes P. et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2018

JOSE ROBERTO PABLO SANCHEZ ALVAREZ

15	Nitrogen and sulfur compounds in ambient air and in wet atmospheric deposition at Mexico City Metropolitan Zone	RODOLFO SOSA ECHEVERRIA ANA LUISA ALARCON JIMENEZ MARIA DEL CARMEN TORRES BARRERA et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2018
16	Acid rain in a Mexican site on the coast of the Gulf of Mexico	RODOLFO SOSA ECHEVERRIA JUAN HUMBERTO ANTONIO BRAVO ALVAREZ ANA LUISA ALARCON JIMENEZ et al.	ATMOSFERA	2018
17	ESTIMATION OF MERCURY EMISSIONS IN THE CARBOELECTRIC PLANTS OF MEXICO	RODOLFO SOSA ECHEVERRIA JUAN HUMBERTO ANTONIO BRAVO ALVAREZ GILBERTO FUENTES GARCIA et al.	REVISTA INTERNACIONAL DE CONTAMINACION AMBIENTAL	2017
18	Sulfate and nitrate in wet atmospheric deposition on the coast of the Gulf of Mexico from 2003 to 2015	RODOLFO SOSA ECHEVERRIA JUAN HUMBERTO ANTONIO BRAVO ALVAREZ ANA LUISA ALARCON JIMENEZ et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2017
19	Vehicular restriction program and its potential impact in ozone air quality at the Mexico City Metropolitan Zone	RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ Humberto Bravo, A. et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2016
20	Photochemical assessment monitoring stations program adapted for ozone precursors monitoring network in Mexico City	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RODOLFO SOSA ECHEVERRIA ELIAS GRANADOS HERNANDEZ et al.	ATMOSFERA	2016

JOSE ROBERTO PABLO SANCHEZ ALVAREZ

21	Importance and evaluation of acid rain and settled particles on the Coast of the Gulf of Mexico (2003–2013)	RODOLFO SOSA ECHEVERRIA ANA LUISA ALARCON JIMENEZ MARIA DEL CARMEN TORRES BARRERA et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2015
22	Importance and assessment of benzene and toluene concentrations and their ratio in the atmosphere of Mexico City	RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ ANA LUISA ALARCON JIMENEZ et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2015
23	The electric energy in México. The goals of generating capacity installed without fossil fuels and reduction of emissions	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2014
24	Green Port in Mexico: Development of combustion emission inventory in the Port of Veracruz, Mexico	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2014
25	Air Quality Standards for Particulate Matter (PM) at high altitude cities	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	ENVIRONMENTAL POLLUTION	2013

JOSE ROBERTO PABLO SANCHEZ ALVAREZ

26	Report of the first case of death secondary to a new human strain of influenza virus A H1N1 in the world and behavior of human influenza in pregnant wome	SAMUEL KARCHMER KRIVITZKY JOSE ROBERTO PABLO SANCHEZ ALVAREZ Sánchez M.F.N. et al.	Ginecología Y Obstetricia De México	2013
27	Air quality impact of a neighboring local region to the Mexico City metropolitan zone	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RODOLFO SOSA ECHEVERRIA IRIS VIOLETA CUREÑO GONZALEZ et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2012
28	Actual state of the air quality in Mexico City, 2012	RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ IGNACIO ARTURO QUINTANAR ISAIAS et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2012
29	Efficacy of lime, biosolids, and mycorrhiza for the phytostabilization of sulfidic copper tailings in chile: A greenhouse experiment	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Verdugo C. Santibáñez C. et al.	INTERNATIONAL JOURNAL OF PHYTOREMEDIATION	2011
30	Site selection for the location of the photochemical assessment monitoring station program at Mexico City	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2011

JOSE ROBERTO PABLO SANCHEZ ALVAREZ

31	Study of wet deposition and its use as an indicator of the air quality in Monterrey's Metropolitan Area	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ ANA LUISA ALARCON JIMENEZ RODOLFO SOSA ECHEVERRIA et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2011
32	Chemical composition of rainwater in northeastern Mexico	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	ATMOSFERA	2010
33	Primary and secondary carbonyls as a product of mobile source emissions related to atmospheric carbon monoxide and ozone in the Mexico City Metropolitan Zone	RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ Maria T.B. et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2009
34	Soil acidification as a confounding factor on metal phytotoxicity in soils spiked with copper-rich mine wastes	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Ginocchio R. De La Fuente L.M. et al.	ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY	2009
35	Air quality in the Mexico City Metropolitan Zone as a tool to evaluate the effect of the weekend strategy to control atmospheric ozone	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ JOSE ROBERTO PABLO SANCHEZ ALVAREZ Sosa R.E. et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2009
36	Evaluation of the enzyme manganese peroxidase in an industrial sequence for the lignin oxidation and bleaching or eucalyptus kraft pulp	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Feijoo G. Moreira M.T. et al.	JOURNAL OF APPLIED POLYMER SCIENCE	2008
37	Characterization of atmospheric transport to the El Tajín archaeological zone in Veracruz, México	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	ATMOSFERA	2007

JOSE ROBERTO PABLO SANCHEZ ALVAREZ

38	Effect of acid rain on building material of the El Tajín archaeological zone in Veracruz, Mexico	ROGELIO SOTO AYALA RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	ENVIRONMENTA L POLLUTION	2006
39	Effects of hygrothermal ageing on mechanical properties of flax pulps and their polypropylene matrix composites	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Retegi A. Arbelaiz A. et al.	JOURNAL OF APPLIED POLYMER SCIENCE	2006
40	Temporal variation of benzene concentrations in the atmosphere of Mexico City	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ JOSE ROBERTO PABLO SANCHEZ ALVAREZ Sosa R.E. et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2006
41	Agricultural soils spiked with copper mine wastes and copper concentrate: Implications for copper bioavailability and bioaccumulation	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Ginocchio R. De La Fuente L.M. et al.	ENVIRONMENTA L TOXICOLOGY AND CHEMISTRY	2006
42	Analysis of the tendency and comparison of the atmospheric pollution for ozone for Mexico City and Los Angeles	RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ Palomera M.J. et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2005
43	Volatile organic compounds air quality over the Gulf of Mexico	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ JOSE ROBERTO PABLO SANCHEZ ALVAREZ JORGE DAVID SANTACRUZ MORHY et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2005

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44	The pollutant release and transfer register of Mexico. Are the public, industry and the Mexican government ready for it?	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ JESUS ARTURO BUTRON SILVA JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2005
45	Simultaneous measurements of diurnal concentrations of volatile organic compounds in the southeast and southwest of Mexico City	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ JOSE ROBERTO PABLO SANCHEZ ALVAREZ Bueno E.L. et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2004
46	Understanding environmental problems in Latinamerica (Case Mexico)	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2004
47	Simultaneous measurements of diurnal concentrations of volatile organic compounds in the southeast and southwest of Mexico City	RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ Emma B.L. et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2004

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48	Particulate air quality over the Gulf of Mexico	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Humberto Bravo A. Rodolfo Sosa E. et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2004
49	Understanding environmental problems in latinamerica (case Mexico)	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2004
50	Effects of wet acidic deposition on stony material at the "Tajin" archaeological site in Veracruz, Mexico	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Humberto Bravo A. Rogelio Soto A. et al.	Proceedings of the Air and Waste Management Association's Annual Conference and Exhibition, AWMA	2004
51	The "piston effect" observed in ozone concentrations in Mexico city	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Alvarez H.B. Echeverrio R.S. et al.	EM: Air and Waste Management Association's Magazine for Environmental Managers	2003
52	Concentrations of benzene and toluene in the atmosphere of the southwestern area at the Mexico City Metropolitan Zone	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	ATMOSPHERIC ENVIRONMENT	2002
53	Chemical composition of precipitation in a Mexican Maya region	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ MARIA ISABEL SAAVEDRA ROSADO JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	ATMOSPHERIC ENVIRONMENT	2000

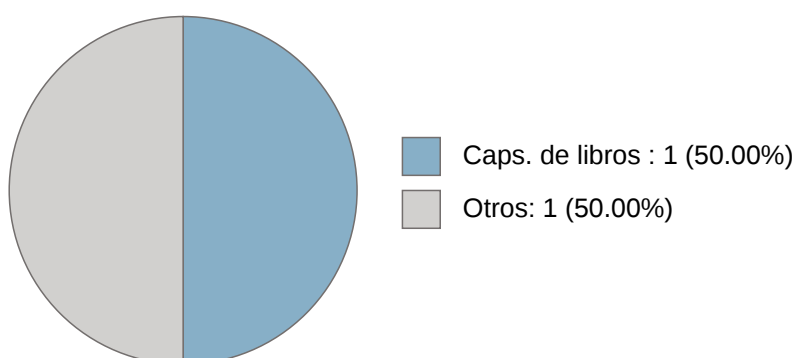
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54	Infectious diseases in Mazzaella laminarioides (Rhodophyta): Estimating the effect of infections on host reproductive potential	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Faugeron S. Martinez E.A. et al.	DISEASES OF AQUATIC ORGANISMS	2000
55	Growth-related intraclonal genetic changes in Gracilaria chilensis (Gracilariales: Rhodophyta)	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Meneses I. Santelices B.	MARINE BIOLOGY	1999
56	Convergent biological processes in coalescing Rhodophyta	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Santelices B. Correa J.A. et al.	JOURNAL OF PHYCOLOGY	1999
57	Acid rain in Mexico case: Maya monuments	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ MARIA ISABEL SAAVEDRA ROSADO JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	International Conference On Air Pollution - Proceedings	1998
58	New ozone standard in the U.S.A. applied to Mexico City metropolitan air quality	JUAN HUMBERTO ANTONIO BRAVO ALVAREZ RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ et al.	Proceedings Of The Air & Waste Management Association's Annual Meeting & Exhibition	1998
59	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
60	Ecological aspects of algal infectious diseases	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Correa J.A.	Hydrobiologia	1996
61	Copper-algae interactions: Inheritance or adaptation?	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Correa J.A. González P. et al.	ENVIRONMENTAL MONITORING AND ASSESSMENT	1996
62	Deformative disease in Iridaea laminarioides (Rhodophyta) - Gall development associated with an endophytic cyanobacterium	JOSE ROBERTO PABLO SANCHEZ ALVAREZ Correa J.A. Flores V.	JOURNAL OF PHYCOLOGY	1993

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Evaluación de la deposición atmosférica ácida en la costa del Golfo de México.	RODOLFO SOSA ECHEVERRIA JUAN HUMBERTO ANTONIO BRAVO ALVAREZ ANA LUISA ALARCON JIMENEZ et al.	Capítulo de un Libro	2014	9786077887713
2	Preliminary study of the chemical composition of rainwater in Northeastern México	RODOLFO SOSA ECHEVERRIA JOSE ROBERTO PABLO SANCHEZ ALVAREZ ANA LUISA ALARCON JIMENEZ et al.	Conferencia Paper	2007	9781604238464



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JOSE ROBERTO PABLO SANCHEZ ALVAREZ

PARTICIPACIÓN EN PROYECTOS

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

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DOCENCIA IMPARTIDA

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JOSE ROBERTO PABLO SANCHEZ ALVAREZ

PATENTES

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

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FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2025
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024