



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



FREDY RUBEN CEJUDO RUIZ

Datos Generales

Nombre: FREDY RUBEN CEJUDO RUIZ

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 10 años

Nombramientos

Vigente: TECNICO ACADEMICO TITULAR B TC Definitivo
Instituto de Geofísica
Desde 01-09-2023

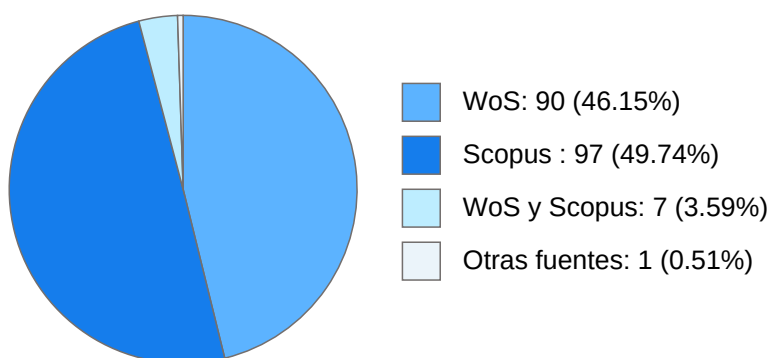
Estímulos, programas, premios y reconocimientos

SNI I 2022 - VIGENTE
SNI C 2016 - 2021
PRIDE C 2020 - 2024
EQUIVALENCIA PRIDE B 2015 - 2019

FREDY RUBEN CEJUDO RUIZ

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	COMPOSICIÓN ELEMENTAL Y ESTIMACIÓN DE LA CRONOLOGÍA DE LOS ASENTAMIENTOS PREHISPÁNICOS EN EL SUROESTE DE AGUASCALIENTES, MÉXICO: ESTUDIO DE RECONOCIMIENTO	MIGUEL ANGEL CERVANTES SOLANO MARIA DEL SOL HERNANDEZ BERNAL FREDY RUBEN CEJUDO RUIZ et al.	ARQUEOLOGIA IBEROAMERICAN A	2025
2	Elemental Composition and Estimation of the Pre-Hispanic Settlement Chronology in Southwestern Aguascalientes, Mexico: A Survey Study	MIGUEL ANGEL CERVANTES SOLANO MARIA DEL SOL HERNANDEZ BERNAL FREDY RUBEN CEJUDO RUIZ et al.	ARQUEOLOGIA IBEROAMERICAN A	2025
3	Archaeomagnetic Insights into Pre-Hispanic Mayan Lime Production: Chronological Framework and Evidence of an Apparent 500-Year Hiatus in the Yucatán Peninsula	AVTANDIL GOGICHAISHVILI OSCAR GENARO DE LUCIO MORALES FREDY RUBEN CEJUDO RUIZ et al.	Quaternary	2025
4	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

FREDY RUBEN CEJUDO RUIZ

5	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
6	The Color and Magnetic Properties of Urban Dust to Identify Contaminated Samples by Heavy Metals in Mexico City Metropolitan Area	ROCIO GARCIA MARTINEZ FREDY RUBEN CEJUDO RUIZ AVTANDIL GOGICHAISHVILI et al.	ATMOSPHERE	2025
7	Tracing the ritual fire in La Quemada (Northern Mesoamerica)	AVTANDIL GOGICHAISHVILI JUAN JULIO MORALES CONTRERAS NAYELI PEREZ RODRIGUEZ et al.	JOURNAL OF ARCHAEOLOGICAL SCIENCE-REPORTS	2025
8	Paleomagnetic study of Tres Virgenes Volcanic Complex, Baja California, Mexico	RAFAEL GARCIA RUIZ DENIS RAMON AVELLAN LOPEZ AVTANDIL GOGICHAISHVILI et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2025
9	Biomagnetic Monitoring of Urban Pollution: The Case of Aburrá Valley, Colombia	AVTANDIL GOGICHAISHVILI ALEXANDER SANCHEZ DUQUE FRANCISCO BAUTISTA ZUÑIGA et al.	Land	2024
10	Machine learning and magnetic parameters to monitor potentially toxic elements in urban road dust of Mexico City;	FREDY RUBEN CEJUDO RUIZ FRANCISCO BAUTISTA ZUÑIGA JAIME HUMBERTO URRUTIA FUCUGAUCHI et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2024
11	On the early development of Huastecs (Gulf of Mexico) revealed by the Earth's magnetic field recorded in domestic hearths	FREDY RUBEN CEJUDO RUIZ MIGUEL ANGEL CERVANTES SOLANO Goguitchaichvili A. et al.	QUATERNARY RESEARCH	2024
12	On the early postclassic collapse of Plazuelas (Northern Border of Mesoamerica): Archaeomagnetic evidence based on full geomagnetic vectors	AVTANDIL GOGICHAISHVILI RAFAEL GARCIA RUIZ FREDY RUBEN CEJUDO RUIZ et al.	QUATERNARY GEOCHRONOLOGY	2024
13	Magnetic and Chemical Testing in Plants, Road Dust and Soil, as Indicators of Atmospheric Pollution	FREDY RUBEN CEJUDO RUIZ Teresa Salazar-Rojas Guillermo Calvo-Brenes	WATER AIR AND SOIL POLLUTION	2024

FREDY RUBEN CEJUDO RUIZ

14	Archaeomagnetic Analysis of Ceramic Sherds Belonging to the Muisca Culture from Colombia Previously Dated by Electron Paramagnetic Resonance	MIGUEL ANGEL CERVANTES SOLANO FREDY RUBEN CEJUDO RUIZ AVTANDIL GOGICHAISHVILI et al.	ARQUEOLOGIA IBEROAMERICAN A	2024
15	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
16	Ceramic production after the process of abandonment of Monte Albán, Oaxaca: the case of the Atzompa sector;	MIGUEL ANGEL CERVANTES SOLANO FREDY RUBEN CEJUDO RUIZ AVTANDIL GOGICHAISHVILI et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2024
17	Magnetic signature of deep pit ovens from Paquimé, ceremonial center of the Casas Grandes culture (Northern Mexico)	AVTANDIL GOGICHAISHVILI JUAN JULIO MORALES CONTRERAS FREDY RUBEN CEJUDO RUIZ et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2024
18	Assessing magnetic properties of biomonitors and road dust as a screening method for air pollution monitoring	FREDY RUBEN CEJUDO RUIZ Teresa Salazar-Rojas Guillermo Calvo-Brenes	Chemosphere	2023
19	Monte Alban periphery (Oaxaca, middle Mesoamerica): New evidences on the early occupation trough archaeomagnetic study of pottery kilns	AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ JUAN JULIO MORALES CONTRERAS et al.	JOURNAL OF ARCHAEOLOGIC AL SCIENCE-REP ORTS	2023
20	Integrated archaeomagnetic and radiometric study of pre-Hispanic fireplace at El Ocote archaeological site (Aguascalientes, Mexico)	FREDY RUBEN CEJUDO RUIZ AVTANDIL GOGICHAISHVILI MIGUEL ANGEL CERVANTES SOLANO et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2023
21	New Absolute Chronological Constraints to La Playa (Sonoran Desert) Archaeology between the American Southwest and Mesoamerica? From Long Period Human Resilience to Apparent Abandonment	FREDY RUBEN CEJUDO RUIZ MIGUEL ANGEL CERVANTES SOLANO Goguitchaichvili A. et al.	Land	2023

FREDY RUBEN CEJUDO RUIZ

22	Magnetic particles as pollution indicators at the Aburr? valley (Colombia)	ALEXANDER SANCHEZ DUQUE FREDY RUBEN CEJUDO RUIZ MIGUEL ANGEL CERVANTES SOLANO et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2023
23	Possible evidence for geomagnetic intensity anomaly around 5500 BP from archaeomagnetic analyses of San Jacinto pottery, Caribbean Colombia	AVTANDIL GOGICHAISHVILI JUAN JULIO MORALES CONTRERAS RAFAEL GARCIA RUIZ et al.	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	2023
24	Street dust pollution by heavy metals: a geographically weighted regression approach in Mexico City	FRANCISCO BAUTISTA ZUÑIGA AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ et al.	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	2023
25	Assessing heavy metal pollution load index (PLI) in biomonitors and road dust from vehicular emission by magnetic properties modeling	FREDY RUBEN CEJUDO RUIZ Salazar-Rojas T. Gutiérrez-Soto M.V. et al.	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2023
26	Secular variation of the Earth's magnetic field revealed by Mexican Geomagnetic Repeat Stations during the last two centuries	JUAN ESTEBAN HERNANDEZ QUINTERO RAFAEL GARCIA RUIZ FREDY RUBEN CEJUDO RUIZ et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2022
27	Depopulation of the Northern Border of Mesoamerica during the Early Postclassic: Evidence from the Reappraisal of Archaeomagnetic Data	AVTANDIL GOGICHAISHVILI MIGUEL ANGEL CERVANTES SOLANO RAFAEL GARCIA RUIZ et al.	Land	2022
28	Archaeomagnetic Dating of Three Furnaces inside the Middle Age Settlement of San Genesio (San Miniato, Pisa, Italy)	AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ Claudia Principe et al.	Land	2022
29	Refining the absolute chronology of Teotihuacan (Mesoamerica): New archaeomagnetic datings of fire footprints	FREDY RUBEN CEJUDO RUIZ Goguitchaichvili A. Ortega V. et al.	JOURNAL OF ARCHAEOLOGICAL SCIENCE-REPORTS	2022
30	Heavy Metal Contamination (Cu, Pb, Zn, Fe, and Mn) in Urban Dust and its Possible Ecological and Human Health Risk in Mexican Cities	ANAHI AGUILERA PANTOJA MA DEL CARMEN DELGADO CARRANZA FREDY RUBEN CEJUDO RUIZ et al.	Frontiers In Environmental Science	2022

FREDY RUBEN CEJUDO RUIZ

31	Reply to comment by Harald Böhnelt and Alejandro Rodríguez-Trejo on García et al. (2021) ?Semicontinuous paleomagnetic record of the last 1 Ma from radiometrically dated igneous rocks (Trans-Mexican Volcanic Belt and surrounding areas)?	RAFAEL GARCIA RUIZ MIGUEL ANGEL CERVANTES SOLANO JUAN JULIO MORALES CONTRERAS et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2022
32	Magnetic parameters and concentration of heavy metals in urban dust of Mexico City	FREDY RUBEN CEJUDO RUIZ FRANCISCO BAUTISTA ZUÑIGA AVTANDIL GOGICHAISHVILI et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2022
33	Archeomagnetic study of the burnt floor at La Palma, Cuzalapa valley, Sierra de Manantlan (Jalisco)	VERONICA LOPEZ NAJERA AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2022
34	Paleomagnetic and rock-magnetic study of Los Azufres lava flows (central Mexico)	RAFAEL GARCIA RUIZ MIGUEL ANGEL CERVANTES SOLANO FREDY RUBEN CEJUDO RUIZ et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2022
35	SOBRE LA EDAD DE LOS HIPOGEOS DE TIERRADENTRO, COLOMBIA: INTENTO DE DATACIÓN DIRECTA DE LA PINTURA ROJA MEDIANTE LA MAGNETIZACIÓN REMANENTE PICTÓRICA	FREDY RUBEN CEJUDO RUIZ FRANCISCO BAUTISTA ZUÑIGA Montejo F. et al.	ARQUEOLOGIA IBEROAMERICANA	2022
36	From Toltecs to Franciscans: The history of El Cerrito pyramid (Middle Mesoamerica) revealed by the fire	AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ RAFAEL GARCIA RUIZ et al.	JOURNAL OF ARCHAEOLOGICAL SCIENCE-REPORTS	2022
37	Reassessing the paleointensities of three Quaternary volcanic structures of the -Michoac acute accent an-Guanajuato Volcanic Field (Mexico) through a multimethodological analysis	NAYELI PEREZ RODRIGUEZ FREDY RUBEN CEJUDO RUIZ MARIE NOELLE GUILBAUD et al.	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	2022
38	Urban dust from Mexico City roads: A spatially linear analysis of potentially toxic elements, magnetic properties and particle size	FREDY RUBEN CEJUDO RUIZ FRANCISCO BAUTISTA ZUÑIGA MIGUEL ANGEL CERVANTES SOLANO et al.	REVISTA INTERNACIONAL DE CONTAMINACION AMBIENTAL	2022

FREDY RUBEN CEJUDO RUIZ

39	Comparison between machine linear regression (MLR) and support vector machine (SVM) as model generators for heavy metal assessment captured in biomonitors and road dust	FREDY RUBEN CEJUDO RUIZ Salazar-Rojas T. Calvo-Brenes G.	ENVIRONMENTA L POLLUTION	2022
40	About the Age of the Tierradentro Hypogea, Colombia: A Direct Dating Attempt of the Red Paint through Pictorial Remanent Magnetization	FREDY RUBEN CEJUDO RUIZ FERNANDO ISAAC MONTEJO ALVAREZ AVTANDIL GOGICHAISHVILI et al.	ARQUEOLOGIA IBEROAMERICAN A	2022
41	Is the urban form a driver of heavy metal pollution in road dust? Evidence from Mexico city	ANAHI AGUILERA PANTOJA FRANCISCO BAUTISTA ZUÑIGA AVTANDIL GOGICHAISHVILI et al.	ATMOSPHERE	2021
42	Semicontinuous paleomagnetic record of the last 1 Ma from radiometrically dated igneous rocks (Trans-Mexican Volcanic Belt and surrounding areas)	RAFAEL GARCIA RUIZ AVTANDIL GOGICHAISHVILI JUAN JULIO MORALES CONTRERAS et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2021
43	Heavy metal pollution of street dust in the largest city of Mexico, sources and health risk assessment	ANAHI AGUILERA PANTOJA FRANCISCO BAUTISTA ZUÑIGA MARGARITA EUGENIA GUTIERREZ RUIZ et al.	ENVIRONMENTA L MONITORING AND ASSESSMENT	2021
44	Mayan limekilns as geomagnetic field recorders	AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ OSCAR GENARO DE LUCIO MORALES et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2021
45	Color as a proxy for heavy metal pollution in soils of Mexico City	FRANCISCO BAUTISTA ZUÑIGA AVTANDIL GOGICHAISHVILI MA DEL CARMEN DELGADO CARRANZA et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2021
46	Neuronal network model to predict pollution by urban dust from major passageways in Bogota, Colombia	FREDY RUBEN CEJUDO RUIZ AVTANDIL GOGICHAISHVILI FRANCISCO BAUTISTA ZUÑIGA et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2021
47	From Chupicuaro to the depopulation of the northern border. Archeomagnetic evidence from the Lo de Juarez site, Guanajuato, Mexico	VERONICA LOPEZ NAJERA AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2021
48	Tamanché (Yucatán) a través del análisis arqueométrico de sus hornos de cal	OSCAR GENARO DE LUCIO MORALES AVTANDIL GOGICHAISHVILI JUAN JULIO MORALES CONTRERAS et al.	ARQUEOLOGIA IBEROAMERICAN A	2021

FREDY RUBEN CEJUDO RUIZ

49	Tamanche, Yucatan, through the Archaeometric Analysis of its Lime Kilns	OSCAR GENARO DE LUCIO MORALES AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ et al.	ARQUEOLOGIA IBEROAMERICANA	2021
50	Pottery from El Ocote (Aguascalientes, Mexico): On the Relationship between the Estimation of Geomagnetic Archaeointensity and Color	RAFAEL GARCIA RUIZ MIGUEL ANGEL CERVANTES SOLANO AVTANDIL GOGICHAISHVILI et al.	ARQUEOLOGIA IBEROAMERICANA	2021
51	Heavy metal pollution of street dust in the largest city of Mexico, sources and health risk assessment (vol 193, 193, 2021)	ANAHI AGUILERA PANTOJA FRANCISCO BAUTISTA ZUÑIGA MARGARITA EUGENIA GUTIERREZ RUIZ et al.	ENVIRONMENTAL MONITORING AND ASSESSMENT	2021
52	Pictorial remanent magnetization retrieved from the Santo Domingo Convent (Isthmus of Tehuantepec, Oaxaca, Mexico): An attempt to directly date mural paintings based on geomagnetic field variation	AVTANDIL GOGICHAISHVILI YURI HUEDA TANABE FREDY RUBEN CEJUDO RUIZ et al.	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	2021
53	Petromagnetic and archeomagnetic study of the El Cerrito de Los Agaves site in the southeastern part of the Jalisco highlands, Mexico	VERONICA LOPEZ DELGADO FREDY RUBEN CEJUDO RUIZ AVTANDIL GOGICHAISHVILI et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2021
54	Catalog of Absolute Dates Available for the Archaeological Area of La Quemada, Zacatecas, Northern Mesoamerica	MIGUEL ANGEL CERVANTES SOLANO FREDY RUBEN CEJUDO RUIZ AVTANDIL GOGICHAISHVILI et al.	ARQUEOLOGIA IBEROAMERICANA	2021
55	Erratum: First archaeointensity reference paleosecular variation curve for South America and its implications for geomagnetism and archaeology: Quaternary Research (2019) 92:1 (81?97) DOI: 10.1017/qua.2018.119)	AVTANDIL GOGICHAISHVILI MARIANO CATRIEL GRECO MAINERO RAFAEL GARCIA RUIZ et al.	QUATERNARY RESEARCH	2020
56	Magnetic parameters as indicators of major elements and lead contamination in urban soils from Aburra valley, Colombia	ALEXANDER SANCHEZ DUQUE FRANCISCO BAUTISTA ZUÑIGA FREDY RUBEN CEJUDO RUIZ et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2020
57	Reassessment of the eruptive chronology of El Metate shield volcano (central-western Mexico) based on a comprehensive rock-magnetic, paleomagnetic and multi-approach paleointensity survey	MARIE NOELLE GUILBAUD AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ et al.	QUATERNARY GEOCHRONOLOGY	2020

FREDY RUBEN CEJUDO RUIZ

58	The color of urban dust as an indicator of heavy metal pollution	MA DEL CARMEN DELGADO CARRANZA FREDY RUBEN CEJUDO RUIZ ANAHI AGUILERA PANTOJA et al.	Revista Chapingo Serie Ciencias Forestales Y Del Ambiente	2020
59	Novel insights on the geomagnetic field in West Africa from a new intensity reference curve (0-2000 AD)	KATHRIN LISA KAPPER RAFAEL GARCIA RUIZ AVTANDIL GOGICHAISHVILI et al.	SCIENTIFIC REPORTS	2020
60	Fluctuation of the Earth's magnetic field elements in Mexico revealed by archive documents since 1587	AVTANDIL GOGICHAISHVILI JUAN ESTEBAN HERNANDEZ QUINTERO RAFAEL GARCIA RUIZ et al.	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	2020
61	Spatial distribution of historical geomagnetic measurements in Mexico	JUAN ESTEBAN HERNANDEZ QUINTERO AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2020
62	The memory of fire in El Coporo (Northern Mesoamerica): Apogee and abandonment	AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ RAFAEL GARCIA RUIZ et al.	JOURNAL OF ARCHAEOLOGICAL SCIENCE-REPORTS	2020
63	Pyrotechnological knowledge in the pre-Hispanic Maya society: Magnetic and infrared spectrometry surveys of limekilns in the western Yucatan Peninsula (Mexico)	AVTANDIL GOGICHAISHVILI JUAN JULIO MORALES CONTRERAS OSCAR GENARO DE LUCIO MORALES et al.	JOURNAL OF ARCHAEOLOGICAL SCIENCE-REPORTS	2020
64	Author Correction: Novel insights on the geomagnetic field in West Africa from a new intensity reference curve (0-2000 AD) (Scientific Reports, (2020), 10, 1, (1121), 10.1038/s41598-020-57611-9)	KATHRIN LISA KAPPER RAFAEL GARCIA RUIZ FREDY RUBEN CEJUDO RUIZ et al.	SCIENTIFIC REPORTS	2020
65	La memoria del fuego en el yucatán prehispánico: Intervención arqueomagnética de un horno para la producción de cal (sitpach, mérida)	FREDY RUBEN CEJUDO RUIZ GOGITCHAICHVILI A. SILVIA ORTIZ LEON et al.	ARQUEOLOGIA IBEROAMERICANA	2020
66	La temporalidad de los espacios funerarios del valle de colima a través de la determinación de la arqueointensidad absoluta geomagnética de su cerámica arqueológica	FREDY RUBEN CEJUDO RUIZ ANA MARIA SOLER ARECHALDE Barrientos M.Á.O. et al.	ARQUEOLOGIA IBEROAMERICANA	2020

FREDY RUBEN CEJUDO RUIZ

67	The use and misuse of magnetic methods to monitor environmental pollution in urban areas	FRANCISCO BAUTISTA ZUÑIGA FREDY RUBEN CEJUDO RUIZ MIGUEL ANGEL CERVANTES SOLANO et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2020
68	Heavy metal content estimation in the Mexico City Street dust: an inter-method comparison and Pb levels assessment during the last decade	JUAN MORALES RODRIGUEZ ANAHI AGUILERA PANTOJA FRANCISCO BAUTISTA ZUÑIGA et al.	Sn Applied Sciences	2020
69	Ball court in la quemada, northern Mesoamerica: Absolute chronological contributions through the archeomagnetic study of associated fire pits	AVTANDIL GOGICHAISHVILI VERONICA LOPEZ NAJERA FREDY RUBEN CEJUDO RUIZ et al.	JOURNAL OF ARCHAEOLOGICAL SCIENCE-REPORTS	2020
70	Magnetic, Geochemical and Colorimetric Characterization of the Pottery from El Ocote (Aguascalientes, Mexico)	FREDY RUBEN CEJUDO RUIZ MARIA DEL SOL HERNANDEZ BERNAL FRANCISCO BAUTISTA ZUÑIGA et al.	ARQUEOLOGIA IBEROAMERICANA	2020
71	Magnetic and Geochemical Study of Pre-Hispanic Pottery from the Momposina Depression: Archaeometric Analysis in Northern South America	FREDY RUBEN CEJUDO RUIZ MARIA DEL SOL HERNANDEZ BERNAL AVTANDIL GOGICHAISHVILI et al.	ARQUEOLOGIA IBEROAMERICANA	2020
72	The Memory of Fire in Pre-Hispanic Yucatan: Archaeomagnetic Intervention of a Lime Kiln from Sitpach, Merida	FREDY RUBEN CEJUDO RUIZ AVTANDIL GOGICHAISHVILI MIGUEL CERVANTES JIMENEZ et al.	ARQUEOLOGIA IBEROAMERICANA	2020
73	The Temporality of the Funerary Spaces of the Colima Valley through the Determination of the Absolute Geomagnetic Archaeointensity of its Archaeological Pottery	FREDY RUBEN CEJUDO RUIZ AVTANDIL GOGICHAISHVILI ANA MARIA SOLER ARECHALDE et al.	ARQUEOLOGIA IBEROAMERICANA	2020
74	Archaeomagnetic Intervention in El Ocote (Aguascalientes, Mexico): Implications for Absolute Chronology	FREDY RUBEN CEJUDO RUIZ RAFAEL GARCIA RUIZ AVTANDIL GOGICHAISHVILI et al.	ARQUEOLOGIA IBEROAMERICANA	2019
75	Thermoluminescence vs. Archaeomagnetism: Absolute Dating of Prehispanic Pottery Fragments from the Northwestern Andes (Piedras Blancas, Medellín, Colombia)	MAURICIO OBREGON CARDONA ANGEL RAMIREZ LUNA AVTANDIL GOGICHAISHVILI et al.	ARQUEOLOGIA IBEROAMERICANA	2019
76	Termoluminiscencia vs. arqueomagnetismo: Datación absoluta de fragmentos cerámicos prehispánicos de los andes noroccidentales (Piedras blancas, Medellín, Colombia)	MAURICIO OBREGON CARDONA AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ et al.	ARQUEOLOGIA IBEROAMERICANA	2019

FREDY RUBEN CEJUDO RUIZ

77	Magnetic dating of the Holocene monogenetic Tkarsheti volcano in the Kazbeki region (Great Caucasus)	AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ JUAN JULIO MORALES CONTRERAS et al.	EARTH PLANETS AND SPACE	2019
78	Sedimentary and microfossil imprint from historical earthquakes and tsunamis, Jalisco coast, Mexican subduction	MARIA TERESA RAMIREZ HERRERA MARIA LUISA MACHAIN CASTILLO FREDY RUBEN CEJUDO RUIZ et al.	MARINE GEOLOGY	2019
79	Identificación de las zonas contaminadas con metales pesados en El polvo urbano de la Ciudad de México	FRANCISCO BAUTISTA ZUÑIGA AVTANDIL GOGICHAISHVILI JOSE LUIS CORTES PARRA et al.	REVISTA INTERNACIONAL DE CONTAMINACION AMBIENTAL	2019
80	La Quemada: Decline and abandonment in two stages on the classic period northern frontier of Mesoamerica	VERONICA LOPEZ DELGADO AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ et al.	JOURNAL OF ARCHAEOLOGICAL SCIENCE-REPORTS	2019
81	First archaeointensity reference paleosecular variation curve for South America and its implications for geomagnetism and archaeology	AVTANDIL GOGICHAISHVILI RAFAEL GARCIA RUIZ FREDY RUBEN CEJUDO RUIZ et al.	QUATERNARY RESEARCH	2019
82	Fechamiento arqueomagnético de flujos de lava del Holoceno provenientes del volcán Ceboruco, occidente de México	GERARDO CIFUENTES NAVA MIGUEL ANGEL CERVANTES SOLANO AVTANDIL GOGICHAISHVILI et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2019
83	First archaeomagnetic results from Colombia (the Bogotá Savanna Pre-Hispanic sites): Implications for the Caribbean absolute geomagnetic intensity variation curve	FREDY RUBEN CEJUDO RUIZ AVTANDIL GOGICHAISHVILI RAFAEL GARCIA RUIZ et al.	JOURNAL OF ARCHAEOLOGICAL SCIENCE-REPORTS	2019
84	Evidence of small ferrimagnetic concentrations in mice (Mus musculus) livers and kidneys exposed to the urban dust : A reconnaissance study	FRANCISCO BAUTISTA ZUÑIGA MARIA EUGENIA GONSEBATT BONAPARTE FREDY RUBEN CEJUDO RUIZ et al.	GEOFISICA INTERNACIONAL	2018
85	Distribución Espacial De Fe Li, Pb, Mn, V, Y Zn En Suelos Urbanos De Morelia, Michoacán, México	MA DEL CARMEN DELGADO CARRANZA FRANCISCO BAUTISTA ZUÑIGA CIRO ELISEO MARQUEZ HERRERA et al.	REVISTA INTERNACIONAL DE CONTAMINACION AMBIENTAL	2018
86	Magnetic and pedological characterisation of a paleosol under aridic conditions in Spain	FRANCISCO BAUTISTA ZUÑIGA AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ et al.	STUDIA GEOPHYSICA ET GEODAEICA	2018

FREDY RUBEN CEJUDO RUIZ

87	From empirical considerations to absolute ages: How geomagnetic field variation may date Teotihuacan mural paintings	AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ JAIME HUMBERTO URRUTIA FUCUGAUCHI et al.	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	2018
88	A detailed paleomagnetic and rock-magnetic investigation around Cretaceous-Paleogene boundary: the Autlan (Western Mexico) volcanic sequence revisited	JUAN JULIO MORALES CONTRERAS FREDY RUBEN CEJUDO RUIZ Solano, M.C. et al.	STUDIA GEOPHYSICA ET GEODAETICA	2017
89	A paleointensity study of Cretaceous volcanic rocks from the Western Cordillera, Colombia	JUAN JULIO MORALES CONTRERAS AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ et al.	STUDIA GEOPHYSICA ET GEODAETICA	2017
90	Rock-magnetic and paleomagnetic survey on dated lava flows erupted during the Bruhnes and Matuyama chrons: the Mascota Volcanic Field revisited (Western Mexico)	RAFAEL GARCIA RUIZ AVTANDIL GOGICHAISHVILI MIGUEL ANGEL CERVANTES SOLANO et al.	STUDIA GEOPHYSICA ET GEODAETICA	2017
91	Correlación entre elementos potencialmente tóxicos y propiedades magnéticas en suelos de la Ciudad de México para la identificación de sitios contaminados: Definición de umbrales magnéticos	FRANCISCO BAUTISTA ZUÑIGA PATRICIA QUINTANA OWEN FREDY RUBEN CEJUDO RUIZ et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2015
92	Assessment of environmental contamination from magnetic enhancement on urban dusts. Case study in the city of Mexicali, Mexico	FRANCISCO BAUTISTA ZUÑIGA FREDY RUBEN CEJUDO RUIZ JUAN JULIO MORALES CONTRERAS et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2015
93	Evaluation of environmental pollution from the magnetic increase in urban dusts. A case study for the city of Mexicali, Mexico	Alexander SanchezDuque FRANCISCO BAUTISTA ZUÑIGA AVTANDIL GOGICHAISHVILI et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2015
94	Paleomagnetic Pole Positions and Geomagnetic Secular Variation from the Cretaceous Ponta Grossa Dike Swarm (Brazil)	MIGUEL ANGEL CERVANTES SOLANO AVTANDIL GOGICHAISHVILI JUAN JULIO MORALES CONTRERAS et al.	GEOFISICA INTERNACIONAL	2015
95	Concentration of toxic elements in topsoils of the metropolitan area of Mexico city: A spatial analysis using ordinary kriging and indicator kriging	FRANCISCO BAUTISTA ZUÑIGA FREDY RUBEN CEJUDO RUIZ DIANA ELODIA AGUILAR LEON et al.	REVISTA INTERNACIONAL DE CONTAMINACION AMBIENTAL	2015
96	Ficus benjamina leaves as indicator of atmospheric pollution: a reconnaissance study	BERTHA OLIVA AGUILAR REYES FREDY RUBEN CEJUDO RUIZ JUAN MARTINEZ CRUZ et al.	STUDIA GEOPHYSICA ET GEODAETICA	2012

FREDY RUBEN CEJUDO RUIZ

97	Paleomagnetism of early cretaceous arapey formation (Northern Uruguay)	MIGUEL ANGEL CERVANTES SOLANO AVTANDIL GOGICHAISHVILI FREDY RUBEN CEJUDO RUIZ et al.	STUDIA GEOPHYSICA ET GEODAETICA	2010
98	Early cretaceous absolute geomagnetic paleointensities from Córdoba Province (Argentina)	FREDY RUBEN CEJUDO RUIZ LUIS MANUEL ALVA VALDIVIA JESUS SOLE VIÑAS et al.	EARTH PLANETS AND SPACE	2006



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



FREDY RUBEN CEJUDO RUIZ

LIBROS Y CAPITULOS CON ISBN

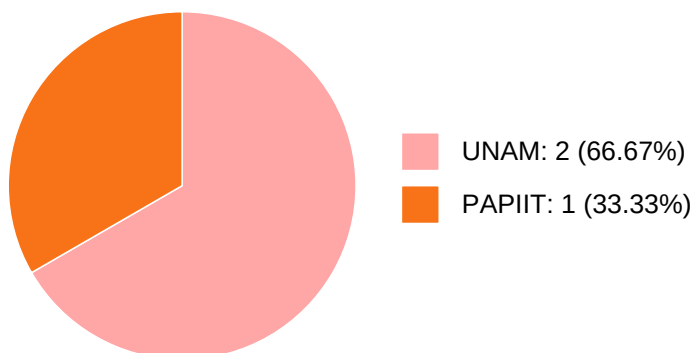
No se encuentran registros en la base de datos de Humanindex asociados a:

FREDY RUBEN CEJUDO RUIZ

FREDY RUBEN CEJUDO RUIZ

PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

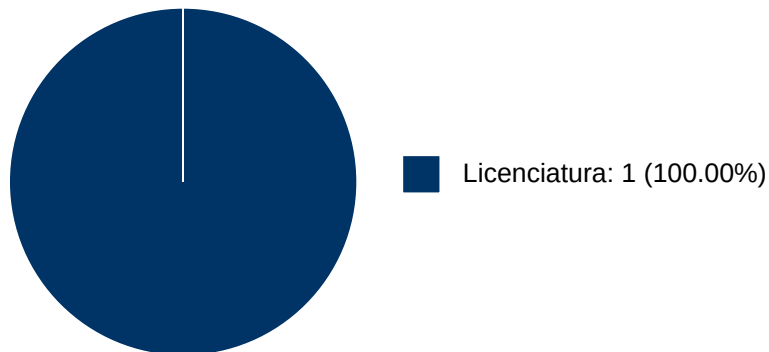


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Determinación de las propiedades magnéticas de suelos, sedimentos lacustres y su uso para aplicaciones: ambientales, agronómicas, monitoreo magnético y relación con elementos potencialmente tóxicos.	FREDY RUBEN CEJUDO RUIZ	Presupuesto de la UNAM asignado a la Dependencia	01-01-2017	31-12-2021
2	Determinación de las propiedades magnéticas y concentración de elementos potencialmente tóxicos en suelos, sedimentos y artefactos arqueológicos para su uso en aplicaciones: ambientales, agronómica, monitoreo magnético y contaminación.	FREDY RUBEN CEJUDO RUIZ	Presupuesto de la UNAM asignado a la Dependencia	01-01-2023	31-12-2023
3	Estudio paleomagnético del complejo volcánico Tres Vírgenes, Baja California	FREDY RUBEN CEJUDO RUIZ	Recursos PAPIIT	01-01-2023	31-12-2024

FREDY RUBEN CEJUDO RUIZ

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis

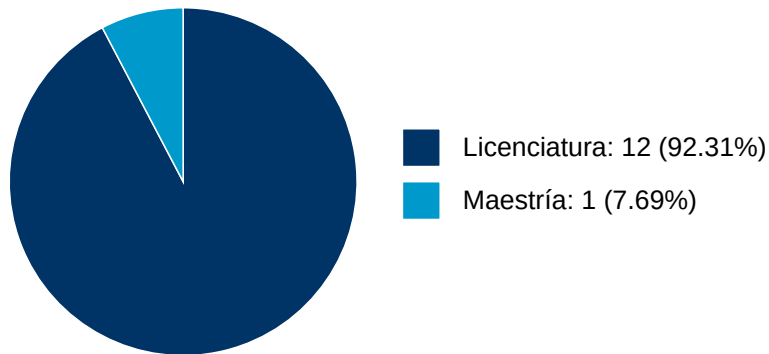


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Identificación de áreas vulnerables de la zona metropolitana de Guadalajara, Jalisco por acumulación de elementos potencialmente tóxicos en suelos (EPTs)	Tesis de Licenciatura	FREDY RUBEN CEJUDO RUIZ,	Gómez Rivera, María de la Luz,	Instituto de Geofísica,	2023

FREDY RUBEN CEJUDO RUIZ

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	GEOMAGNETISMO	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	3	2024-1
2	Licenciatura	AMBIENTOMETRIA	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	17	2023-2
3	Maestría	TEMA SELECTO DE TIERRA SÓLIDA MAGNETISMO AMBIENTAL	Instituto de Geofísica	1	2023-2
4	Licenciatura	GEOMAGNETISMO	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	1	2023-1
5	Licenciatura	AMBIENTOMETRIA	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	9	2022-2
6	Licenciatura	MATEMATICAS PARA GEOCIENCIAS I	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	20	2021-1
7	Licenciatura	AMBIENTOMETRIA	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	3	2020-2
8	Licenciatura	MATEMATICAS PARA GEOCIENCIAS I	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	38	2020-1

FREDY RUBEN CEJUDO RUIZ

9	Licenciatura	MATEMATICAS PARA GEOCIENCIAS I	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	26	2019-1
10	Licenciatura	AMBIENTOMETRIA	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	4	2018-2
11	Licenciatura	MATEMATICAS PARA GEOCIENCIAS I	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	26	2018-1
12	Licenciatura	AMBIENTOMETRIA	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	1	2017-2
13	Licenciatura	MATEMATICAS PARA GEOCIENCIAS I	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	21	2017-1



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



FREDY RUBEN CEJUDO RUIZ

PATENTES

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

FREDY RUBEN CEJUDO RUIZ

FREDY RUBEN CEJUDO RUIZ

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