



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



RUFINO LOZANO SANTA CRUZ

Datos Generales

Nombre: RUFINO LOZANO SANTA CRUZ

Máximo nivel de estudios: LICENCIATURA

Antigüedad académica en la UNAM: 43 años

Nombramientos

Vigente: TECNICO ACADEMICO TITULAR C TC Definitivo
Instituto de Geología
Desde 16-03-2017

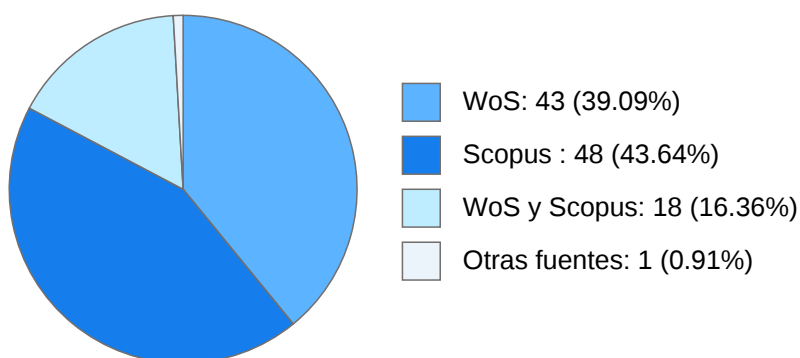
Estímulos, programas, premios y reconocimientos

SNI I - VIGENTE
PRIDE D - 2024

RUFINO LOZANO SANTA CRUZ

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	U-Pb zircon geochronology and geochemistry of the Jurassic magmatic rocks from the region of Cananea and Nacozari, northeastern Sonora, Mexico: timing and composition of the southernmost edge of the Jurassic continental arc	MARTIN ANDRES VALENCIA MORENO CARLOS MANUEL GONZALEZ LEON LUIGI AUGUSTO SOLARI et al.	CANADIAN JOURNAL OF EARTH SCIENCES	2024
2	Geochemistry and $^{40}\text{Ar}/^{39}\text{Ar}$ dating of the Sierra de Santa Marta in the tectonically controversial Los Tuxtlas Volcanic Complex (Veracruz, Mexico)	SERGIO RAUL RODRIGUEZ ELIZARRARAS WENDY VANESA MORALES BARRERA VALERIE POMPA MERA et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2023
3	Quantifying Disparities in the Continuum of Care for Maternal Health Attributable to Age Discrimination in Mexico, 1994-2018	NANCY NAYELY ARMENTA PAULINO GUSTAVO HUMBERTO NIGENDA LOPEZ RUFINO LOZANO SANTA CRUZ et al.	SEXUALITY RESEARCH AND SOCIAL POLICY	2023
4	Global, regional, and national sex differences in the global burden of tuberculosis by HIV status, 1990-2019: results from the Global Burden of Disease Study 2019	DANIEL DIAZ ESPINOSA DE LOS MONTEROS RUFINO LOZANO SANTA CRUZ Jorge R. Ledesma et al.	LANCET INFECTIOUS DISEASES	2022

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5	Major and trace element geochemistry of Permo-Triassic granitoids from NW Sonora, Mexico: Constraints on the origin of the Late Paleozoic-early Mesozoic Cordilleran magmatic arc along SW Laurentia	ALEXANDER IRIONDO PERREE OFELIA PEREZ ARVIZU RUFINO LOZANO SANTA CRUZ et al.	APPLIED GEOCHEMISTRY	2022
6	Petrogenesis and geodynamic implications of the Late Cretaceous granitoids in Puerto Libertad, Sonora, México: Insights into geochemical signatures of adakites, adakitic affinity and calc-alkaline rocks in NW Mexico	RUFINO LOZANO SANTA CRUZ ALEXANDER IRIONDO PERREE FRANCISCO ABRAHAM PAZ MORENO et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2022
7	Geology and geochronology of the Jurassic magmatic arc in the Magdalena quadrangle, north-central Sonora, Mexico	CARLOS MANUEL GONZALEZ LEON LUIGI AUGUSTO SOLARI RAFAEL EDUARDO DEL RIO SALAS et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2021
8	Regional and state-level patterns of type 2 diabetes prevalence in Mexico over the last three decades	MIGUEL ANGEL MENDOZA RUFINO LOZANO SANTA CRUZ Seiglie J.A. et al.	DIABETES RESEARCH AND CLINICAL PRACTICE	2021
9	Geochemistry and geological control of Sonora obsidian: New insights into the provenance study of archaeological obsidians in Mexico	RUFINO LOZANO SANTA CRUZ Vidal-Solano J.R. Gómez-Valencia A.M. et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2020
10	Handheld X-ray fluorescence geochemical data of geological and archaeological obsidian from Sonora, Mexico	RUFINO LOZANO SANTA CRUZ Vidal-Solano J.R. Gómez-Valencia A.M. et al.	Data in Brief	2020
11	Early Cambrian alkaline volcanism on the southern margin of Laurentia: evidence in the volcanoclastic units from the Puerto Blanco Formation in the Caborca block, NW Mexico	RUFINO LOZANO SANTA CRUZ ELENA CENTENO GARCIA Arturo Joaquín Barrón-Díaz et al.	INTERNATIONAL GEOLOGY REVIEW	2019
12	Provenance inferred through modern beach sands from the Gulf of Tehuantepec, Mexico	ARTURO CARRANZA EDWARDS JUAN JOSE KASPER ZUBILLAGA RAYMUNDO GERARDO MARTINEZ SERRANO et al.	GEOLOGICAL JOURNAL	2019
13	Adecuabilidad y comparación de técnicas espectroscópicas para el análisis de muestras de origen geológico	OLIVIA ZAMORA MARTINEZ RUFINO LOZANO SANTA CRUZ Hugo Yuset Samayoa-Oviedo et al.	REVISTA INTERNACIONAL DE CONTAMINACION AMBIENTAL	2019

RUFINO LOZANO SANTA CRUZ

14	Comparación de concentración elemental en sedimentos superficiales del holoceno tardío y los regímenes de precipitación en la península de yucatán, México: Un estudio preliminar	PRIYADARSI DEBAJYOTI ROY RUFINO LOZANO SANTA CRUZ Torrescano-Valle N. et al.	Boletín Geológico y Minero	2018
15	Petrology, phase equilibria modelling, noble gas chronology and thermal constraints of the El Pozo L5 meteorite	MARIA DEL SOL HERNANDEZ BERNAL RUFINO LOZANO SANTA CRUZ JUAN JULIO MORALES CONTRERAS et al.	GEOCHEMISTRY	2018
16	Geochemistry and mineralogy of Au-tailings from Tlalpujahua-El Oro mining district, Mexico, and their environmental impact implications	ROBERTO MALDONADO VILLANUEVA JASINTO ROBLES CAMACHO RUFINO LOZANO SANTA CRUZ et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2017
17	Late Cretaceous to early Eocene magmatic evolution of the Laramide arc in the Nacozari quadrangle, northeastern Sonora, Mexico and its regional implications	CARLOS MANUEL GONZALEZ LEON LUIGI AUGUSTO SOLARI MARTIN ANDRES VALENCIA MORENO et al.	ORE GEOLOGY REVIEWS	2017
18	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015	CHRISTINE PATRICIA ALLEN ARMIÑO RUFINO LOZANO SANTA CRUZ RENE DE JESUS CARDENAS VAZQUEZ et al.	Lancet	2016
19	Geochemistry of Lower Cretaceous limestones of the Alisitos Formation, Baja California, México: Implications for REE source and paleo-redox conditions	MADHAVARAJU JAYAGOPAL HANNES LOSER RUFINO LOZANO SANTA CRUZ et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2016
20	Paleohydrology of the Santiaguillo Basin (Mexico) since late last glacial and climate variation in southern part of western subtropical North America	PRIYADARSI DEBAJYOTI ROY Claudia M. ChavezLara LAURA EUGENIA BERAMENDI OROSCO et al.	QUATERNARY RESEARCH	2015
21	Metal accumulation by plant species growing on a mine contaminated site in Mexico	OFELIA MORTON BERMEA MARIA AURORA ARMIENTA HERNANDEZ RUFINO LOZANO SANTA CRUZ et al.	ENVIRONMENTAL EARTH SCIENCES	2014
22	Geochemistry of Neogene sedimentary rocks from Borneo Basin, East Malaysia: Paleo-weathering, provenance and tectonic setting	PRIYADARSI DEBAJYOTI ROY RUFINO LOZANO SANTA CRUZ Nagarajan, R. et al.	GEOCHEMISTRY	2014
23	Last glacial hydrological variations at the southern margin of sub-tropical North America and a regional comparison	PRIYADARSI DEBAJYOTI ROY Marcela P. Charles Polo NAYELI LOPEZ BALBIAUX et al.	JOURNAL OF QUATERNARY SCIENCE	2014

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24	Geochemistry of the extensive peralkaline pyroclastic flow deposit of NW Mexico, based on conventional and handheld X-ray fluorescence. Implications in a regional context	RUFINO LOZANO SANTA CRUZ OLIVIA ZAMORA MARTINEZ Vidal-Solano, J. R. et al.	JOURNAL OF IBERIAN GEOLOGY	2013
25	Late Quaternary paleohydrological conditions in the drylands of northern Mexico: A summer precipitation proxy record of the last 80 cal ka BP	PRIYADARSI DEBAJYOTI ROY Jesus D. Quiroz Jimenez LIGIA LUCINA PEREZ CRUZ et al.	QUATERNARY SCIENCE REVIEWS	2013
26	Provenance of sediments deposited at paleolake San Felipe, western Sonora Desert: Implications to regimes of summer and winter precipitation during last 50 cal kyr BP	PRIYADARSI DEBAJYOTI ROY MARGARITA ERNA CABALLERO MIRANDA OFELIA MORTON BERMEA et al.	JOURNAL OF ARID ENVIRONMENTS	2012
27	Geological characteristics of 2011 Japan tsunami sediments deposited along the coast of southwestern Mexico	PRIYADARSI DEBAJYOTI ROY MARIA DEL CONSUELO MACIAS ROMO JOSE LUIS SANCHEZ ZAVALA et al.	GEOCHEMISTRY	2012
28	Geochemistry of late quaternary tephra-sediment sequence from north-eastern basin of Mexico (Mexico): Implications to tephrochronology, chemical weathering and provenance	PRIYADARSI DEBAJYOTI ROY JOSE LUIS ARCE SALDAÑA RUFINO LOZANO SANTA CRUZ et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2012
29	The study of metal contamination in urban topsoils of Mexico City using GIS	MARIA TERESA DE JESUS RODRIGUEZ SALAZAR OFELIA MORTON BERMEA ELIZABETH HERNANDEZ ALVAREZ et al.	ENVIRONMENTAL EARTH SCIENCES	2011
30	TRACE METAL CONTENTS IN SEDIMENTS FROM CUITZEO LAKE, MICHOACAN, MEXICO	OFELIA MORTON BERMEA RUFINO LOZANO SANTA CRUZ Nuria Segovia et al.	FRESenius ENVIRONMENTAL BULLETIN	2011
31	The Cretaceous sediment-hosted copper deposits of San Marcos (Coahuila, Northeastern Mexico): An approach to ore-forming processes	Donaji Garcia Alonso EDUARDO GONZALEZ PARTIDA RUTH ESTHER VILLANUEVA ESTRADA et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2011
32	Lead isotopes as tracers of anthropogenic pollution in urban topsoils of Mexico City	OFELIA MORTON BERMEA MARIA TERESA DE JESUS RODRIGUEZ SALAZAR ELIZABETH HERNANDEZ ALVAREZ et al.	GEOCHEMISTRY	2011
33	Stratigraphy, geochronology, and geochemistry of the Laramide magmatic arc in north-central Sonora, Mexico	CARLOS MANUEL GONZALEZ LEON LUIGI AUGUSTO SOLARI JESUS SOLE VIÑAS et al.	Geosphere	2011

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34	Spatial Distribution of Heavy Metals in Top Soils Around the Industrial Facilities of Cromatos de M,xico, Tultitlan Mexico	OFELIA MORTON BERMEA ELIZABETH HERNANDEZ ALVAREZ RUFINO LOZANO SANTA CRUZ et al.	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	2010
35	Permian granitic rocks in the Sierra Pinta, NW Sonora, Mexico: Magmatism from subduction associated with the beginning of the active continental margin of SW North America [Rocas graníticas pérmicas en la Sierra Pinta, NW de Sonora, Méxic	ALEXANDER IRIONDO PERREE GABRIELA NATALIA SOLIS PICHARDO RUFINO LOZANO SANTA CRUZ et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2009
36	Late Pleistocene-Holocene geochemical history inferred from Lake Tecocomulco sediments, Basin of Mexico, Mexico	PRIYADARSI DEBAJYOTI ROY MARGARITA ERNA CABALLERO MIRANDA RUFINO LOZANO SANTA CRUZ et al.	GEOCHEMICAL JOURNAL	2009
37	Assessment of heavy metal pollution in urban topsoils from the metropolitan area of Mexico City	OFELIA MORTON BERMEA ELIZABETH HERNANDEZ ALVAREZ GALIA GONZALEZ HERNANDEZ et al.	JOURNAL OF GEOCHEMICAL EXPLORATION	2009
38	Mexico City topsoils: Heavy metals vs. magnetic susceptibility	OFELIA MORTON BERMEA E. Hernandez JOSE RAFAEL MARTINEZ PICHARDO et al.	Geoderma	2009
39	Permian granitic rocks in the Sierra Pinta, NW Sonora, Mexico: Subduction magmatism associated to the onset of the active continental margin of southwestern North America	Harim E. Arvizu ALEXANDER IRIONDO PERREE Aldo Izaguirre et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2009
40	Geochemistry of late quaternary sediments from Tecocomulco lake, central Mexico: Implication to chemical weathering and provenance	PRIYADARSI DEBAJYOTI ROY MARGARITA ERNA CABALLERO MIRANDA RUFINO LOZANO SANTA CRUZ et al.	GEOCHEMISTRY	2008
41	Assimilation of granitic xenoliths in the Michoacán-Guanajuato volcanic field: The case of Arócutin, Michoacán, Mexico [Asimilación de xenolitos graníticos en el Campo Volcánico Michoacán-Guanajuato: El caso de Arócutin Michoacán,	ADELA MARGARITA REYES SALAS RUFINO LOZANO SANTA CRUZ OFELIA MORTON BERMEA et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2006
42	Mineralogical and geochemical characterization of hydrocarbon seep sediments from the Gulf of Mexico	CARLOS CANET MIQUEL ROSA MARIA PROL LEDESMA ELVA GUADALUPE ESCOBAR BRIONES et al.	MARINE AND PETROLEUM GEOLOGY	2006

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43	Comparison of linear regression models for quantitative geochemical analysis: An example using X-ray fluorescence spectrometry	MIRNA GUEVARA GARCIA SURENDRA PAL VERMA JAISWAL RUFINO LOZANO SANTA CRUZ et al.	GEOSTANDARDS AND GEOANALYTICAL RESEARCH	2005
44	Geochemical distribution pattern of sediments in an active continental shelf in Southern Mexico	MARIA TOMASA LETICIA ROSALES HOZ JAIME HUMBERTO URRUTIA FUCUGAUCHI EDUARDO ALFREDO MORALES DE LA GARZA et al.	CONTINENTAL SHELF RESEARCH	2005
45	Characterization of a new set of eight geochemical reference materials for XRF major and trace element analysis	RUFINO LOZANO SANTA CRUZ JUAN PABLO BERNAL URUCHURTU	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2005
46	Mineralogía y geoquímica de los procesos de degradación en monumentos históricos: Primer acercamiento a un caso mexicano (Morelia, Michoacán)	RUFINO LOZANO SANTA CRUZ Ostroumov M. Garduño-Monroy V.H. et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2003
47	Provenance of beach gray sands from Western México	ARTURO CARRANZA EDWARDS ELENA CENTENO GARCIA MARIA TOMASA LETICIA ROSALES HOZ et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2001
48	Physical, chemical, and mineralogical properties of Mexico City sediments: A geotechnical perspective	JORGE ABRAHAM DIAZ RODRIGUEZ RUFINO LOZANO SANTA CRUZ VICTOR MANUEL DAVILA ALCOCER et al.	CANADIAN GEOTECHNICAL JOURNAL	1998
49	Geochemical study of hydrothermal core sediments and rocks from the Guaymas Basin, Gulf of California	ARTURO CARRANZA EDWARDS MARIA TOMASA LETICIA ROSALES HOZ JOAQUIN EDUARDO AGUAYO CAMARGO et al.	APPLIED GEOCHEMISTRY	1990



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DOCENCIA IMPARTIDA

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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	2008-2025
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