



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



ANA CAROLINA RUIZ FERNANDEZ

Datos Generales

Nombre: ANA CAROLINA RUIZ FERNANDEZ

Máximo nivel de estudios: DOCTORADO

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Nombramientos

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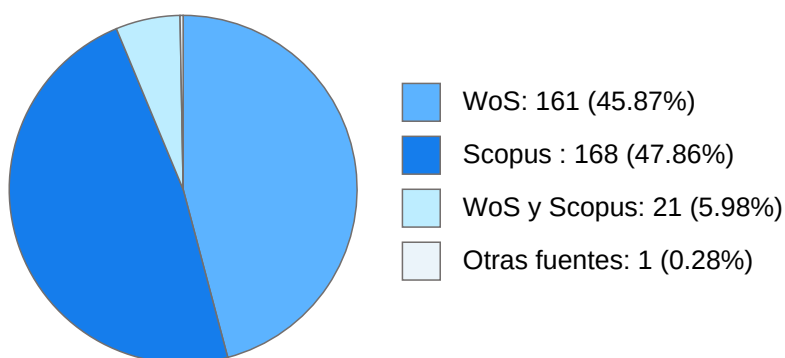
Estímulos, programas, premios y reconocimientos

SNI III 2017 - VIGENTE
SNI II 2009 - 2016
SNI I 2008
PRIDE D - 2024
PASPA Estancias de Investigación en el extranjero 2012
PASPA Estancias Sabáticas 2011

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Quantifying organic carbon burial rates and stocks in seagrass meadow sediments influenced by sargassum-brown tides	MELISA ARANZA SANCHEZ ROJAS ANA CAROLINA RUIZ FERNANDEZ BRIGITTA INE VAN TUSSENBROEK RIBBINK et al.	MARINE ENVIRONMENTAL RESEARCH	2025
2	Blue Carbon Stocks Along the Pacific Coast of North America Are Mainly Driven by Local Rather Than Regional Factors	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Christopher N. Janousek et al.	GLOBAL BIOGEOCHEMICAL CYCLES	2025
3	Climate Effects on Belowground Tea Litter Decomposition Depend on Ecosystem and Organic Matter Types in Global Wetlands	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ JOSE GILBERTO CARDOSO MOHEDANO et al.	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2024
4	Changes of bottom water oxygenation during the last half millennium in the Gulf of Tehuantepec (Eastern Tropical North Pacific): A multiproxy approach	LAURA ALMARAZ RUIZ MARIA LUISA MACHAIN CASTILLO ANA CAROLINA RUIZ FERNANDEZ et al.	PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGICAL RESEARCH	2024
5	Precipitation homogenization and trends in the Usumacinta River Basin (Mexico-Guatemala) over the period 1959-2018	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Jupin J.L.J. et al.	INTERNATIONAL JOURNAL OF CLIMATOLOGY	2024

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6	Regional assessment of the historical trends of mercury in sediment cores from Wider Caribbean coastal environments	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2024
7	Potentially toxic elements fluxes in 210Pb-dated sediment cores from a large coastal lagoon (southern Gulf of Mexico) under environmental stress	JORGE FELICIANO ONTIVEROS CUADRAS ANA CAROLINA RUIZ FERNANDEZ JOSE GILBERTO CARDOSO MOHEDANO et al.	MARINE POLLUTION BULLETIN	2024
8	Terrestrial inputs boost organic carbon accumulation in Mexican mangroves	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2024
9	Predominance of allochthonous and refractory carbon in sediments from two contrasting Mexican mangrove ecosystems	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	Catena	2024
10	Accelerating microplastic contamination in 210Pb dated sediment cores from an urbanized coastal lagoon (NW Mexico) since the 1990s	ANA CAROLINA RUIZ FERNANDEZ LIBIA HASCIBE PEREZ BERNAL JOAN ALBERT SANCHEZ CABEZA et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2024
11	Biochemistry and associated fauna of holopelagic Sargassum spp. in the Caribbean Sea	BRIGITTA INE VAN TUSSENBROEK RIBBINK MARTA GARCIA SANCHEZ ANA CAROLINA RUIZ FERNANDEZ et al.	MARINE BIOLOGY	2024
12	Variability of Dissolved Inorganic Carbon in the Most Extensive Karst Estuarine-Lagoon System of the Southern Gulf of Mexico	JOSE GILBERTO CARDOSO MOHEDANO JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ et al.	ESTUARIES AND COASTS	2024
13	Soil carbon in the world's tidal marshes	ANA CAROLINA RUIZ FERNANDEZ Tania L. Maxwell Mark D. Spalding et al.	NATURE COMMUNICATIONS	2024
14	Germination of Pyrodinium bahamense Cysts from a Pristine Lagoon in San José Island, Gulf of California: Implications of Long-Term Survival	ROSALBA ALONSO RODRIGUEZ ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA et al.	Phycology	2023
15	Anthropogenic drivers of increasing sediment accumulation in contrasting Mexican mangrove ecosystems	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	Catena	2023
16	210Pb geochronology and metal concentrations in sediment cores recovered in the Alvarado Lagoon system, Veracruz, Mexico	ALFONSO VAZQUEZ BOTELLO MARIA GUADALUPE PONCE VELEZ ARMSTRONG ALTRIN SAM JOHN SELVAMONY et al.	Chemosphere	2023

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17	Microplastics transport in a low-inflow estuary at the entrance of the Gulf of California	JOSE GILBERTO CARDOSO MOHEDANO ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2023
18	Coastal environmental and ecological data analysis	ANA CAROLINA RUIZ FERNANDEZ Wu M. Lin Y.-P. et al.	Frontiers In Marine Science	2023
19	Recent trace element contamination in a rural crater lake, NW Mexico	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	JOURNAL OF PALEOLIMNOLO GY	2023
20	Vertical distribution and trace element contamination in sediment cores affected by gold mining in Colombia	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Marrugo-Negrete J. et al.	Chemosphere	2023
21	Historical fluxes of metal and metalloids in an aquatic ecosystem affected by land-use change and mining activities in northwestern Mexico	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Roberto O.-C. et al.	INTERNATIONAL JOURNAL OF SEDIMENT RESEARCH	2023
22	Diatom-based paleoproductivity and climate change record of the Gulf of Tehuantepec (Eastern Tropical Pacific) during the last ~500 years	LAURA ALMARAZ RUIZ MARIA LUISA MACHAIN CASTILLO ANA CAROLINA RUIZ FERNANDEZ et al.	Holocene	2023
23	Global dataset of soil organic carbon in tidal marshes	ANA CAROLINA RUIZ FERNANDEZ Maxwell T.L. Rovai A.S. et al.	Scientific Data	2023
24	Rapid surface water warming and impact of the recent (2013-2016) temperature anomaly in shallow coastal waters at the eastern entrance of the Gulf of California	JOAN ALBERT SANCHEZ CABEZA CARLOS ALBERTO HERRERA BECERRIL BENJAMIN YAÑEZ CHAVEZ et al.	PROGRESS IN OCEANOGRAPH Y	2022
25	Microplastics in the tissues of commercial semi-intensive shrimp pond-farmed <i>Litopenaeus vannamei</i> from the Gulf of California ecoregion	ANA CAROLINA RUIZ FERNANDEZ CARLOS RENE GREEN RUIZ FEDERICO PAEZ OSUNA et al.	Chemosphere	2022
26	Background concentrations and accumulation rates in sediments of pristine tropical environments	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	Catena	2022
27	Contrasting nutrient distributions during dry and rainy seasons in coastal waters of the southern Gulf of Mexico driven by the Grijalva-Usumacinta River discharges	JOSE GILBERTO CARDOSO MOHEDANO JULIO CESAR CANALES DELGADILLO MARIA LUISA MACHAIN CASTILLO et al.	MARINE POLLUTION BULLETIN	2022

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28	Monitoring the environmental evolution and its relationship with anthropogenic activities using magnetic and geochemical proxies on Lake Melincue sediments	AVTANDIL GOGICHAISHVILI ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2022
29	Accumulation and fluxes of potentially toxic elements in a large coastal lagoon (southern Gulf of Mexico) from Pb-210 sediment chronologies	JORGE FELICIANO ONTIVEROS CUADRAS ANA CAROLINA RUIZ FERNANDEZ LIBIA HASCIBE PEREZ BERNAL et al.	MARINE POLLUTION BULLETIN	2022
30	PALEOENVIRONMENTAL RECORD FROM LAKE SAN LORENZO, MONTEBELLO, CHIAPAS, MEXICO	MARGARITA ERNA CABALLERO MIRANDA BLANCA LUCIA PRADO PANO ANA CAROLINA RUIZ FERNANDEZ et al.	REVISTA INTERNACIONAL DE CONTAMINACION AMBIENTAL	2022
31	Historical reconstruction of sediment accumulation rates as an indicator of global change impacts in a tropical crater lake	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	JOURNAL OF PALEOLIMNOLOGY	2022
32	Planktonic foraminiferal assemblages and particle fluxes at the entrance of the Gulf of California highlight the effects of the strong El Niño 2015-2016	XINANTECATL ANTONIO NAVA FERNANDEZ MARIA LUISA MACHAIN CASTILLO ANA CAROLINA RUIZ FERNANDEZ et al.	PROGRESS IN OCEANOGRAPHY	2022
33	Recent sediments dating using short-lived radionuclides	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Cearreta A. et al.	Cuaternario y Geomorfología	2022
34	Testate amoebae assemblages from two tropical high-mountain lakes in central Mexico during the last similar to 60 years	MARGARITA ERNA CABALLERO MIRANDA ITZEL SIGALA REGALADO LUIS ALBERTO OSEGUERA PEREZ et al.	Revista Mexicana De Biodiversidad	2022
35	REPLY TO ELIAS ET AL.: Multiproxy evidence of widespread landscape disturbance in multiple Azorean lakes before the Portuguese arrival	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Raposeiro P.M. et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2022
36	Statistical identification of coastal hypoxia events controlled by wind-induced upwelling	CARLOS ALBERTO HERRERA BECERRIL JOAN ALBERT SANCHEZ CABEZA LEON FELIPE ALVAREZ SANCHEZ et al.	CONTINENTAL SHELF RESEARCH	2022

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37	Effects of Climate and Atmospheric Nitrogen Deposition on Early to Mid-Term Stage Litter Decomposition Across Biomes	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA JOSE GILBERTO CARDOSO MOHEDANO et al.	Frontiers In Forests And Global Change	2021
38	Development of a benthic foraminifera based marine biotic index (Foram-AMBI) for the Gulf of Mexico: A decision support tool	MARIA LUISA MACHAIN CASTILLO ANA CAROLINA RUIZ FERNANDEZ Bryan J. O'Malley et al.	ECOLOGICAL INDICATORS	2021
39	Historical reconstruction of trace element concentrations and fluxes in a tropical coastal lagoon (Mexican Pacific) derived from 210Pb radiochronology	JORGE FELICIANO ONTIVEROS CUADRAS ANA CAROLINA RUIZ FERNANDEZ LIBIA HASCIBE PEREZ BERNAL et al.	CONTINENTAL SHELF RESEARCH	2021
40	Multi-proxy assessment of recent regional-scale events recorded in Southern Gulf of Mexico	MARIA LUISA MACHAIN CASTILLO JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ et al.	MARINE GEOLOGY	2021
41	Plutonium in coral archives: A good primary marker for an Anthropocene type section	JOAN ALBERT SANCHEZ CABEZA JUAN PABLO CARRICART GANIVET ANA CAROLINA RUIZ FERNANDEZ et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2021
42	Anthropogenic and climate induced trace element contamination in a water reservoir in northwestern Mexico	JOAN ALBERT SANCHEZ CABEZA DIANA MARIA MEZA FIGUEROA LIBIA HASCIBE PEREZ BERNAL et al.	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2021
43	Influence of agricultural system transition on trace element contamination in salt marsh and seagrass sediments from a coastal Ramsar site	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	2021
44	Flujos e inventarios de carbono azul en manglares asociados a una laguna costera antropizada	ANA CAROLINA RUIZ FERNANDEZ LIBIA HASCIBE PEREZ BERNAL FRANCISCO JAVIER FLORES VERDUGO et al.	GEOFISICA INTERNACIONAL	2021
45	Microplastic contamination and fluxes in a touristic area at the SE Gulf of California	JORGE FELICIANO ONTIVEROS CUADRAS ANA CAROLINA RUIZ FERNANDEZ LIBIA HASCIBE PEREZ BERNAL et al.	MARINE POLLUTION BULLETIN	2021
46	Geochemical and micropalaeontological characteristics of saltmarshes in the Estero de Urias coastal lagoon, Gulf of California, Mexico	MARIA LUISA MACHAIN CASTILLO ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA et al.	Cuaternario y Geomorfología	2021
47	FLUXES AND INVENTORIES OF BLUE CARBON IN MANGROVES ASSOCIATED WITH AN ANTHROPIZED COASTAL LAGOON	GIOVANNI ALDANA GUTIERREZ ANA CAROLINA RUIZ FERNANDEZ FRANCISCO JAVIER FLORES VERDUGO et al.	GEOFISICA INTERNACIONAL	2021

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48	Sedimentary record of the impact of management actions on pollution of Cartagena bay, Colombia	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ Espinosa-Díaz L.F. et al.	MARINE POLLUTION BULLETIN	2021
49	Climate change facilitated the early colonization of the Azores medieval times	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Pedro M. Raposeiro et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2021
50	Sediment carbon storage increases in tropical, oligotrophic, high mountain lakes	JAVIER ALCOCER DURAND ANA CAROLINA RUIZ FERNANDEZ MARGARITA ERNA CABALLERO MIRANDA et al.	Anthropocene	2020
51	The southern Gulf of Mexico: A baseline radiocarbon isoscape of surface sediments and isotopic excursions at depth	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ MARIA LUISA MACHAIN CASTILLO et al.	PLOS ONE	2020
52	Absence of hypoxia events in the adjacent coastal waters of Grijalva-Usumacinta river, Southern Gulf of Mexico	JOSE GILBERTO CARDOSO MOHEDANO JULIO CESAR CANALES DELGADILLO MARIA LUISA MACHAIN CASTILLO et al.	MARINE POLLUTION BULLETIN	2020
53	Anthropogenic and natural impacts in the marine area of influence of the Grijalva ? Usumacinta River (Southern Gulf of Mexico) during the last 45 years	MARIA LUISA MACHAIN CASTILLO ANA CAROLINA RUIZ FERNANDEZ ROSALBA ALONSO RODRIGUEZ et al.	MARINE POLLUTION BULLETIN	2020
54	Challenges and limitations of the 210Pb sediment dating method: Results from an IAEA modelling interlaboratory comparison exercise	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Barsanti M. et al.	QUATERNARY GEOCHRONOLOGY	2020
55	Sand deposits reveal great earthquakes and tsunamis at Mexican Pacific Coast	MARIA TERESA RAMIREZ HERRERA AVTANDIL GOGICHAISHVILI MARIA LUISA MACHAIN CASTILLO et al.	SCIENTIFIC REPORTS	2020
56	Temporal records of organic carbon stocks and burial rates in Mexican blue carbon coastal ecosystems throughout the Anthropocene	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	GLOBAL AND PLANETARY CHANGE	2020
57	Comparing classical and Bayesian 210Pb dating models in human-impacted aquatic environments	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Aquino-López M.A. et al.	QUATERNARY GEOCHRONOLOGY	2020

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58	Increasing salinization and organic carbon burial rates in seagrass meadows from an anthropogenically-modified coastal lagoon in southern Gulf of Mexico	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	ESTUARINE COASTAL AND SHELF SCIENCE	2020
59	From radiometry to chronology of a marine sediment core: A ²¹⁰ Pb dating interlaboratory comparison exercise organised by the IAEA	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA García-Tenorio R. et al.	MARINE POLLUTION BULLETIN	2020
60	Temporal trends of organic carbon accumulation in seagrass meadows from the northern Mexican Caribbean	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA BRIGITTA INE VAN TUSSENBROEK RIBBINK et al.	Catena	2020
61	Carbon stocks in a mangrove ecosystem in northern Mexico: environmental changes for 35 years	ANA CAROLINA RUIZ FERNANDEZ LIBIA HASCIBE PEREZ BERNAL JOAN ALBERT SANCHEZ CABEZA et al.	Revista Mexicana De Biodiversidad	2020
62	Coastal accretion and sea-level rise in the Cuban Archipelago obtained from sedimentary records	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA VLADISLAV CARNERO BRAVO et al.	Holocene	2020
63	Corrigendum to "Natural and anthropogenic oil impacts on benthic foraminifera in the southern Gulf of Mexico" [Mar. Environ. Res. 149 (2019) 111–125] (Marine Environmental Research (2019) 149 (111–125), (S014111361830802X), (10.1016/j.marenvres.2019.06.006))	MARIA LUISA MACHAIN CASTILLO ANA CAROLINA RUIZ FERNANDEZ ADOLFO GRACIA GASCA et al.	MARINE ENVIRONMENTAL RESEARCH	2020
64	²¹⁰ Pb-derived sediment accumulation rates across the Wider Caribbean Region	ANA CAROLINA RUIZ FERNANDEZ LIBIA HASCIBE PEREZ BERNAL JOAN ALBERT SANCHEZ CABEZA et al.	JOURNAL OF ENVIRONMENTAL RADIOACTIVITY	2020
65	Calibration and use of well-type germanium detectors for low-level gamma-ray spectrometry of sediments using a semi-empirical method	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ LIBIA HASCIBE PEREZ BERNAL et al.	JOURNAL OF ENVIRONMENTAL RADIOACTIVITY	2020
66	Dinoflagellate cysts and ENSO-PDO climate forcing in the southern Gulf of California	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Duque-Herrera A.-F. et al.	PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGICAL	2020

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67	Uncertainty and variability of extension rate, density and calcification rate of a hermatypic coral (<i>Orbicella faveolata</i>)	JOAN ALBERT SANCHEZ CABEZA JUAN PABLO CARRICART GANIVET ANA CAROLINA RUIZ FERNANDEZ et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2019
68	Spatial and temporal distribution of heavy metal concentrations and enrichment in the southern Gulf of Mexico	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2019
69	Recent history of persistent organic pollutants (PAHs, PCBs, PBDEs) in sediments from a large tropical lake	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	JOURNAL OF HAZARDOUS MATERIALS	2019
70	A low-cost long-term model of coastal observatories of global change	JOAN ALBERT SANCHEZ CABEZA MARIA LUISA MACHAIN CASTILLO MARTIN MERINO IBARRA et al.	JOURNAL OF OPERATIONAL OCEANOGRAPHY	2019
71	Centennial OMZ changes in the NW Mexican Margin from geochemical and foraminiferal sedimentary records	ANA CAROLINA RUIZ FERNANDEZ MARIA LUISA MACHAIN CASTILLO JOAN ALBERT SANCHEZ CABEZA et al.	CONTINENTAL SHELF RESEARCH	2019
72	Anthropogenic influence on the sediment chemistry and diatom assemblages of Balamtetik Lake, Chiapas, Mexico	MARGARITA ERNA CABALLERO MIRANDA LUCY NATIVIDAD MORA PALOMINO EDUARDO ADALBERTO MUÑOZ PICONE et al.	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2019
73	Relevance of carbon burial and storage in two contrasting blue carbon ecosystems of a north-east Pacific coastal lagoon	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2019
74	Coral Li/Mg thermometry: Caveats and constraints	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ JUAN PABLO CARRICART GANIVET et al.	CHEMICAL GEOLOGY	2019
75	Natural and anthropogenic oil impacts on benthic foraminifera in the southern Gulf of Mexico	MARIA LUISA MACHAIN CASTILLO ANA CAROLINA RUIZ FERNANDEZ ADOLFO GRACIA GASCA et al.	MARINE ENVIRONMENTAL RESEARCH	2019
76	Fast deep water warming of a subtropical crater lake	JOSE GILBERTO CARDOSO MOHEDANO JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2019
77	Mercury in sediment cores from the southern Gulf of Mexico: Preindustrial levels and temporal enrichment trends	ANA CAROLINA RUIZ FERNANDEZ LIBIA HASCIBE PEREZ BERNAL ADOLFO GRACIA GASCA et al.	MARINE POLLUTION BULLETIN	2019

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78	Geological record of extreme floods and anthropogenic impacts on an industrialised bay: The inner Abra of Bilbao (northern Spain)	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ Irabien M.J. et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2019
79	Recent trace metal enrichment and sediment quality assessment in an anthropized coastal lagoon (SE Gulf of California) from 210Pb-dated sediment cores	JORGE FELICIANO ONTIVEROS CUADRAS ANA CAROLINA RUIZ FERNANDEZ LIBIA HASCIBE PEREZ BERNAL et al.	MARINE POLLUTION BULLETIN	2019
80	Paleoceanographic and paleoclimatic reconstruction based on marine palynomorphs in the period 1811-1907 CE in the Magdalena Basin, Baja California Sur, Mexico	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Laura Cristina Lopez-Velazquez et al.	Ciencias Marinas	2019
81	Application of multiple proxies in Mexican tropical coasts to prove evidence of tsunami deposits	MARIA TERESA RAMIREZ HERRERA AVTANDIL GOGICHAISHVILI FRANCISCO BAUTISTA ZUÑIGA et al.	GEOFISICA INTERNACIONAL	2018
82	Addressing the problem of harmful algal blooms in Latin America and the Caribbean- A regional network for early warning and response	ANA CAROLINA RUIZ FERNANDEZ Cuellar-Martinez T. Alonso-Hernández C. et al.	Frontiers In Marine Science	2018
83	NATURAL ENRICHMENT OF NICKEL AND VANADIUM IN SEDIMENT NUCLEI NEAR A SITE OF EXTRACTION OF RAW IN THE GULF OF MEXICO	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA HUMBERTO BOJORQUEZ LEYVA et al.	REVISTA INTERNACIONAL DE CONTAMINACION AMBIENTAL	2018
84	Biomagnification of Mercury in Fish from Two Gold Mining-Impacted Tropical Marshes in Northern Colombia	ANA CAROLINA RUIZ FERNANDEZ Marrugo-Negrete, J.L. Ruiz-Guzmán, J.A.	ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	2018
85	Sea level rise sedimentary record and organic carbon fluxes in a low-lying tropical coastal ecosystem	VLADISLAV CARNERO BRAVO JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ et al.	Catena	2018
86	Mineralogical signatures and sources of recent sediment in a large tropical lake	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	INTERNATIONAL JOURNAL OF SEDIMENT RESEARCH	2018
87	Environmental forcing on the flux of organic-walled dinoflagellate cysts in recent sediments from a subtropical lagoon in the Gulf of California	ROSALBA ALONSO RODRIGUEZ ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2018

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88	Sediment Geochemistry, Accumulation Rates and Forest Structure in a Large Tropical Mangrove Ecosystem	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	Wetlands	2018
89	Sub-tropical coastal lagoon salinization associated to shrimp ponds effluents	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ ERIC IVAN SANCHEZ FLORES et al.	ESTUARINE COASTAL AND SHELF SCIENCE	2018
90	Carbon burial and storage in tropical salt marshes under the influence of sea level rise	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA LIBIA HASCIBE PEREZ BERNAL et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2018
91	Assessing, quantifying and valuing the ecosystem services of coastal lagoons	ANA CAROLINA RUIZ FERNANDEZ Newton A. Brito A.C. et al.	JOURNAL FOR NATURE CONSERVATION	2018
92	A comparative study on metal contamination in Estero de Urias lagoon, Gulf of California, using oysters, mussels and artificial mussels: Implications on pollution monitoring and public health risk	ANA CAROLINA RUIZ FERNANDEZ LIBIA HASCIBE PEREZ BERNAL JOAN ALBERT SANCHEZ CABEZA et al.	ENVIRONMENTA L POLLUTION	2018
93	Environmental changes during the last millennium recorded in subfossil Cladocera, diatoms and sediment geochemistry from Lake El Sol (Central Mexico)	ESTELA CUNA PEREZ MARGARITA ERNA CABALLERO MIRANDA ANA CAROLINA RUIZ FERNANDEZ et al.	GEOLOGICAL QUARTERLY	2017
94	Environmental status of the Gulf of California: A pollution review	FEDERICO PAEZ OSUNA ANA CAROLINA RUIZ FERNANDEZ ROSALBA ALONSO RODRIGUEZ et al.	EARTH-SCIENCE REVIEWS	2017
95	Trace element fluxes during the last 100 years in sediment near a nuclear power plant	S. Bojorquez Sanchez ANA JUDITH MARMOLEJO RODRIGUEZ ANA CAROLINA RUIZ FERNANDEZ et al.	ESTUARINE COASTAL AND SHELF SCIENCE	2017
96	Sedimentary record of recent climate impacts on an insular coastal lagoon in the Gulf of California	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA ROSALBA ALONSO RODRIGUEZ et al.	QUATERNARY SCIENCE REVIEWS	2017
97	Coexisting sea-based and land-based sources of contamination by PAHs in the continental shelf sediments of Coatzacoalcas River discharge area (Gulf of Mexico)	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Betancourt Portela, Julian Mauricio et al.	Chemosphere	2016
98	Magnetic record of extreme marine inundation events at Las Salinas site, Jalisco, Mexican Pacific coast	MARIA TERESA RAMIREZ HERRERA AVTANDIL GOGICHAISHVILI JUAN JULIO MORALES CONTRERAS et al.	INTERNATIONAL GEOLOGY REVIEW	2016

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99	Combined environmental stress from shrimp farm and dredging releases in a subtropical coastal lagoon (SE Gulf of California)	FEDERICO PAEZ OSUNA FELIPE AMEZCUA MARTINEZ ANA CAROLINA RUIZ FERNANDEZ et al.	MARINE POLLUTION BULLETIN	2016
100	Reconstruction of Recent Sedimentary Processes in a Carbonate Platform (Gulf of Batabano, Cuba) Using Environmental Radiotracers	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ Díaz-Asencio, M. et al.	ESTUARIES AND COASTS	2016
101	Spatiotemporal patterns of mercury accumulation in lake sediments of western North America	ANA CAROLINA RUIZ FERNANDEZ Drevnick, Paul E. Cooke, Colin A. et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2016
102	Sedimentary records of recent sea level rise and acceleration in the Yucatan Peninsula	VLADISLAV CARNERO BRAVO JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2016
103	Environmental status of the Gulf of California: A review of responses to climate change and climate variability	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ ROSALBA ALONSO RODRIGUEZ et al.	EARTH-SCIENCE REVIEWS	2016
104	Reducing nutrient impacts from shrimp effluents in a subtropical coastal lagoon	JOAN ALBERT SANCHEZ CABEZA FEDERICO PAEZ OSUNA ANA CAROLINA RUIZ FERNANDEZ et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2016
105	Accretion rates in coastal wetlands of the southeastern Gulf of California and their relationship with sea-level rise	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA FRANCISCO JAVIER FLORES VERDUGO et al.	Holocene	2016
106	Uranium and plutonium in anoxic marine sediments of the Santiago River mouth (Eastern Pacific, Mexico)	ANA CAROLINA RUIZ FERNANDEZ Guadalupe Almazan-Torres, Maria Ordonez-Regil, Eduardo	JOURNAL OF ENVIRONMENTA L RADIOACTIVITY	2016
107	Thermal impact from a thermoelectric power plant on a tropical coastal lagoon	J. G. CardosoMohedano JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ et al.	WATER AIR AND SOIL POLLUTION	2015
108	First report of fossilized cysts produced by the benthic Bysmatrum subsalsum (Dinophyceae) from a shallow Mexican lagoon in the Gulf of Mexico	ANA CAROLINA RUIZ FERNANDEZ Limoges, Audrey Mertens, Kenneth Neil et al.	JOURNAL OF PHYCOLOGY	2015
109	Sedimentary record of water column trophic conditions and sediment carbon fluxes in a tropical water reservoir (Valle de Bravo, Mexico)	VLADISLAV CARNERO BRAVO MARTIN MERINO IBARRA ANA CAROLINA RUIZ FERNANDEZ et al.	ENVIRONMENTA L SCIENCE AND POLLUTION RESEARCH	2015
110	Provenance and depositional history of continental slope sediments in the Southwestern Gulf of Mexico unraveled by geochemical analysis	ARMSTRONG ALTRIN SAM JOHN SELVAMONY MARIA LUISA MACHAIN CASTILLO MARIA TOMASA LETICIA ROSALES HOZ et al.	CONTINENTAL SHELF RESEARCH	2015

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111	Investigating the impact of land use and the potential for harmful algal blooms in a tropical lagoon of the Gulf of Mexico	ANA CAROLINA RUIZ FERNANDEZ Limoges, Audrey de Vernal, Anne	ESTUARINE COASTAL AND SHELF SCIENCE	2015
112	Accumulation of conservative substances in a sub-tropical coastal lagoon	J. G. CardosoMohedano JOAN ALBERT SANCHEZ CABEZA E. MolinoMineroRe et al.	ESTUARINE COASTAL AND SHELF SCIENCE	2015
113	²¹⁰ Po, Cd and Pb distribution and biomagnification in the yellowfin tuna Thunnus albacares and skipjack tuna Katsuwonus pelamis from the Eastern Pacific	MARTIN FEDERICO SOTO JIMENEZ ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA et al.	MARINE POLLUTION BULLETIN	2014
114	Environmental impacts of Little Ice Age cooling in central Mexico recorded in the sediments of a tropical alpine lake	E. Cuna E. Zawisza MARGARITA ERNA CABALLERO MIRANDA et al.	JOURNAL OF PALEOLIMNOLOGY	2014
115	Trace element fluxes and natural potential risks from ²¹⁰ Pb-dated sediment cores in lacustrine environments at the Central Mexican Plateau	J. F. Ontiveros Cuadras ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2014
116	A long-term record of land use change impacts on sediments in Oualidia lagoon, Morocco	ANA CAROLINA RUIZ FERNANDEZ Maanan, Mehdi Maanan, Mohamed et al.	INTERNATIONAL JOURNAL OF SEDIMENT RESEARCH	2014
117	Long-range atmospheric transport of persistent organic pollutants to remote lacustrine environments	ANA CAROLINA RUIZ FERNANDEZ Jorge Feliciano Ontiveros Cuadras JOAN ALBERT SANCHEZ CABEZA et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2014
118	Monte Carlo uncertainty calculation of Pb- ²¹⁰ chronologies and accumulation rates of sediments and peat bogs	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ Jorge Feliciano Ontiveros Cuadras et al.	QUATERNARY GEOCHRONOLOGY	2014
119	Accumulation and distribution of Hg and ²¹⁰ Pb in superficial sediments from a coastal lagoon in the SE Gulf of California associated with urban-industrial and port activities	J. R. Raygoza Viera ANA CAROLINA RUIZ FERNANDEZ L. H. Perez Bernal et al.	ENVIRONMENTAL EARTH SCIENCES	2014
120	Deposition, burial and sequestration of carbon in an oligotrophic, tropical lake	JAVIER ALCOCER DURAND ANA CAROLINA RUIZ FERNANDEZ ELVA GUADALUPE ESCOBAR BRIONES et al.	JOURNAL OF LIMNOLOGY	2014
121	²¹⁰ Po, Cd and Pb distribution and biomagnification in the yellowfin tuna Thunnus albacares and skipjack tuna Katsuwonus pelamis from the Eastern Pacific	MARTIN FEDERICO SOTO JIMENEZ ANA CAROLINA RUIZ FERNANDEZ M. Ramos Osuna et al.	MARINE POLLUTION BULLETIN	2014

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122	One century of sedimentation and Hg pollution at the mouth of the Sagua la Grande River (Cuba)	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ Díaz-Asencio M. et al.	Ciencias Marinas	2014
123	Chronology of recent sedimentation and geochemical characteristics of sediments in Alvarado Lagoon, Veracruz (southwestern gulf of Mexico)	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Maanan M. et al.	Ciencias Marinas	2014
124	Geochemical and micropaleontological evidence of recent hydrological changes in sedimentary records of Jiquilisco Bay, El Salvador	MARIA LUISA MACHAIN CASTILLO ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA et al.	Ciencias Marinas	2014
125	Comparison of artificial neural networks and harmonic analysis for sea level forecasting (urías coastal lagoon, mazatlán, mexico)	ERIK MOLINO MINERO RE JOSE GILBERTO CARDOSO MOHEDANO ANA CAROLINA RUIZ FERNANDEZ et al.	Ciencias Marinas	2014
126	The use of blood in anas clypeata as an efficient and non-lethal method for the biomonitoring of mercury	J. R. Raygoza Viera ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA et al.	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	2013
127	Foraminiferal faunal evidence for Glacial-Interglacial variations in the ocean circulation and the upwelling of the Gulf of Tehuantepec (Mexico)	ELSA ARELLANO TORRES MARIA LUISA MACHAIN CASTILLO L. A. Contreras Rosales et al.	MARINE MICROPALaeontology	2013
128	Presence of uranium and plutonium in marine sediments from gulf of tehuatepec, mexico	ANA CAROLINA RUIZ FERNANDEZ Ordonez-Regil, E. Almazan-Torres, M. G. et al.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2013
129	Dominance patterns in macroalgal and phytoplankton biomass under different nutrient loads in subtropical coastal lagoons of the SE Gulf of California	FEDERICO PAEZ OSUNA A. Pinon Gimete M. J. Ochoa Izaguirre et al.	MARINE POLLUTION BULLETIN	2013
130	Pb-210-derived history of PAH and PCB accumulation in sediments of a tropical inner lagoon (Las Matas, Gulf of Mexico) near a major oil refinery	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Libia Hascibe Perez Bernal et al.	GEOCHIMICA ET COSMOCHIMICA ACTA	2012
131	Pb-210 sediment radiochronology: An integrated formulation and classification of dating models	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ	GEOCHIMICA ET COSMOCHIMICA ACTA	2012

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132	Extreme wave deposits on the Pacific coast of Mexico: Tsunamis or storms? - A multi-proxy approach	MARIA TERESA RAMIREZ HERRERA VLADIMIR KOSTOGLODOV MARIA LUISA MACHAIN CASTILLO et al.	GEOMORPHOLOGY	2012
133	Effects of land use change and sediment mobilization on coastal contamination (Coatzacoalcos River, Mexico)	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Libia Hascibe Perez Bernal et al.	CONTINENTAL SHELF RESEARCH	2012
134	Geochemical fractionation of Pb-210 in oxic estuarine sediments of Coatzacoalcos River, Gulf of Mexico	J. F. Ontiveros Cuadras ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA et al.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2012
135	Reconstruction of Pyrodinium Blooms in the Tropical East Pacific (Mexico): Are They Related to ENSO?	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ MARIA LUISA MACHAIN CASTILLO et al.	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2012
136	Reconstruction of hydrocarbons accumulation in sediments affected by the oil refinery industry: the case of Tehuantepec Gulf (Mexico)	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA Libia Hascibe Perez Bernal et al.	ENVIRONMENTAL EARTH SCIENCES	2012
137	Po-210 Activity and Concentrations of Selected Trace Elements (As, Cd, Cu, Hg, Pb, Zn) in the Muscle Tissue of Tunas Thunnus albacares and Katsuwonus pelamis from the Eastern Pa	MARTIN FEDERICO SOTO JIMENEZ ANA CAROLINA RUIZ FERNANDEZ HUMBERTO BOJORQUEZ LEYVA et al.	BIOLOGICAL TRACE ELEMENT RESEARCH	2012
138	Health Risk Associated to Dietary Intake of Mercury in Selected Coastal Areas of Mexico	FEDERICO PAEZ OSUNA ANA CAROLINA RUIZ FERNANDEZ N. Zamora Arellano et al.	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	2011
139	Reconstruction of metal pollution and recent sedimentation processes in Havana Bay (Cuba): A tool for coastal ecosystem management	ANA CAROLINA RUIZ FERNANDEZ Diaz-Asencio, M. Alvarado, J. A. Corcho et al.	JOURNAL OF HAZARDOUS MATERIALS	2011
140	Pb-210-derived Sedimentation Rates and C-org Fluxes in Soledad Lagoon (Cispata Lagoon System, NW Caribbean Coast of Colombia)	ANA CAROLINA RUIZ FERNANDEZ Libia Hascibe Perez Bernal Luis Marrugo-Negrete, Jose et al.	ESTUARIES AND COASTS	2011
141	Anthropogenic Metal Delivery in Sediments of Porto Marghera and Venice Lagoon (Italy)	ANA CAROLINA RUIZ FERNANDEZ Bellucci, L. G. Giuliani, S. et al.	SOIL & SEDIMENT CONTAMINATION	2010

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142	Dinoflagellate cyst distribution in surface sediments along the south-western Mexican coast (14.76 degrees N to 24.75 degrees N)	ANA CAROLINA RUIZ FERNANDEZ Limoges, Audrey Kielt, Jean-Francois et al.	MARINE MICROPALAEONTOLOGY	2010
143	Trace Metals (Cd, Cu, Hg, and Pb) Accumulation Recorded in the Intertidal Mudflat Sediments of Three Coastal Lagoons in the Gulf of California, Mexico	ANA CAROLINA RUIZ FERNANDEZ M. D. Arvizu FEDERICO PAEZ OSUNA et al.	ESTUARIES AND COASTS	2009
144	Changes of coastal sedimentation in the Gulf of Tehuantepec, South Pacific Mexico, over the last 100 years from short-lived radionuclide measurements	ANA CAROLINA RUIZ FERNANDEZ MARIA LUISA MACHAIN CASTILLO FEDERICO PAEZ OSUNA et al.	ESTUARINE COASTAL AND SHELF SCIENCE	2009
145	Reconstruction of sedimentation and pollution in Havana Bay, Cuba	ANA CAROLINA RUIZ FERNANDEZ Diaz-Asencio, M. Alonso-Hernandez, C. et al.	GEOCHIMICA ET COSMOCHIMICA ACTA	2009
146	Heavy metals and sediment fluxes in Coatzacoalcos River estuary: A history of land use changes	ANA CAROLINA RUIZ FERNANDEZ S. Bojorquez Sanchez HUMBERTO BOJORQUEZ LEYVA et al.	GEOCHIMICA ET COSMOCHIMICA ACTA	2009
147	Historical PCB fluxes in the Mexico City Metropolitan Zone as evidenced by a sedimentary record from the Espejo de los Lirios lake	ANA CAROLINA RUIZ FERNANDEZ Libia Hascibe Perez Bernal FEDERICO PAEZ OSUNA et al.	Chemosphere	2009
148	Pb-210-derived ages for the reconstruction of terrestrial contaminant history into the Mexican Pacific coast: Potential and limitations	ANA CAROLINA RUIZ FERNANDEZ Hillaire-Marcel, C.	MARINE POLLUTION BULLETIN	2009
149	PCBs and PAHs in surficial sediments from aquatic environments of Mexico City and the coastal states of Sonora, Sinaloa, Oaxaca and Veracruz (Mexico)	ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA Piazza, Rossano et al.	ENVIRON GEOL	2008
150	Organic-walled dinoflagellate cysts and benthic foraminifera in coastal sediments of the last century from the Gulf of Tehuantepec, South Pacific Coast of Mexico	L. F. Vasquez Bedoya ANA CAROLINA RUIZ FERNANDEZ MARIA LUISA MACHAIN CASTILLO et al.	MARINE MICROPALAEONTOLOGY	2008
151	Recent sedimentary history of organic matter and nutrient accumulation in the Ohuira Lagoon, northwestern Mexico	ANA CAROLINA RUIZ FERNANDEZ HUMBERTO BOJORQUEZ LEYVA FEDERICO PAEZ OSUNA et al.	ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	2007

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152	Present limnological conditions and recent (ca. 340 yr) palaeolimnology of a tropical lake in the Sierra de Los Tuxtlas, eastern Mexico	MARGARITA ERNA CABALLERO MIRANDA MARIA DEL SOCORRO LOZANO GARCIA MARIA SUSANA SOSA NAJERA et al.	JOURNAL OF PALEOLIMNOLOGY	2006
153	Chronicling a century of lead pollution in Mexico: Stable lead isotopic composition analyses of dated sediment cores	MARTIN FEDERICO SOTO JIMENEZ ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA et al.	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2006
154	Environmental load of nitrogen and phosphorus from extensive, semiintensive, and intensive shrimp farms in the Gulf of California ecoregion	FEDERICO PAEZ OSUNA ANA CAROLINA RUIZ FERNANDEZ	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	2005
155	²¹⁰ Pb geochronology of sediment accumulation rates in Mexico City Metropolitan Zone as recorded at Espejo de los Lirios lake sediments	ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA JAIME HUMBERTO URRUTIA FUCUGAUCHI et al.	Catena	2005
156	Historical trace metal fluxes in the Mexico City Metropolitan Zone as evidenced by a sedimentary record from the Espejo de los Lirios lake	ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA JAIME HUMBERTO URRUTIA FUCUGAUCHI et al.	J ENVIRON MONITOR	2004
157	Comparative survey of the influent and effluent water quality of shrimp ponds on Mexican farms	ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA	WATER ENVIRONMENT RESEARCH	2004
158	²¹⁰ Pb geochronology and trace metal fluxes (Cd, Cu and Pb) in the Gulf of Tehuantepec, South Pacific of Mexico	ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA MARIA LUISA MACHAIN CASTILLO et al.	JOURNAL OF ENVIRONMENTAL RADIOACTIVITY	2004
159	Historical trends of metal pollution recorded in the sediments of the Culiacan River Estuary, Northwestern Mexico	ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA Hillaire-Marcel C. et al.	APPLIED GEOCHEMISTRY	2003
160	Shrimp aquaculture development and the environment in the Gulf of California ecoregion	FEDERICO PAEZ OSUNA ADOLFO GRACIA GASCA FRANCISCO JAVIER FLORES VERDUGO et al.	MARINE POLLUTION BULLETIN	2003
161	Geochemical evidences of the anthropogenic alteration of trace metal composition of the sediments of Chiricahueto marsh (SE Gulf of California)	FEDERICO PAEZ OSUNA ANA CAROLINA RUIZ FERNANDEZ Soto-Jiménez M.	ENVIRONMENTAL POLLUTION	2003

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162	The loading history of trace metals and nutrients in Altata-Ensenada del Pabellón, lagoon complex, northwestern Mexico	ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA Soto-Jiménez M. et al.	JOURNAL OF ENVIRONMENTAL RADIOACTIVITY	2003
163	Organic matter and nutrients in an altered subtropical marsh system, Chiricahueto, NW Mexico	MARTIN FEDERICO SOTO JIMENEZ FEDERICO PAEZ OSUNA ANA CAROLINA RUIZ FERNANDEZ	ENVIRON GEOL	2003
164	Recent sedimentary history of anthropogenic impacts on the Culiacan River Estuary, northwestern Mexico: Geochemical evidence from organic matter and nutrients	ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA Hillaire-Marcel C. et al.	ENVIRONMENTAL POLLUTION	2002
165	Isotopic constraints (^{210}Pb , ^{228}Th) on the sedimentary dynamics of contaminated sediments from a subtropical coastal lagoon (NW Mexico)	ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA Hillaire-Marcel C. et al.	ENVIRON GEOL	2001
166	Principal component analysis applied to the assessment of metal pollution from urban wastes in the Culiacán river estuary	ANA CAROLINA RUIZ FERNANDEZ FEDERICO PAEZ OSUNA Hillaire-Marcel C. et al.	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	2001
167	Discharge of nutrients from shrimp farming to coastal waters of the Gulf of California	FEDERICO PAEZ OSUNA ANA CAROLINA RUIZ FERNANDEZ Guerrero-Galván S.R.	MARINE POLLUTION BULLETIN	1999
168	The environmental impact of shrimp aquaculture and the coastal pollution in Mexico	FEDERICO PAEZ OSUNA ANA CAROLINA RUIZ FERNANDEZ Guerrero-Galván S.R.	MARINE POLLUTION BULLETIN	1998
169	Distribution and association of trace metals in soft tissue and byssus of <i>Mytella strigata</i> and other benthic organisms from Mazatlan Harbour, Mangrove Lagoon of the northwest coast of Mexico	FEDERICO PAEZ OSUNA ANA CAROLINA RUIZ FERNANDEZ Szefer P. et al.	ENVIRONMENT INTERNATIONAL	1998
170	Seasonal variation in the water quality and chlorophyll a of semi-intensive shrimp ponds in a subtropical environment	FEDERICO PAEZ OSUNA ANA CAROLINA RUIZ FERNANDEZ Guerrero-Galván S.R. et al.	Hydrobiologia	1998
171	Fluxes and mass balances of nutrients in a semi-intensive shrimp farm in north-western Mexico	FEDERICO PAEZ OSUNA ANA CAROLINA RUIZ FERNANDEZ Guerrero-Galván S.R. et al.	MARINE POLLUTION BULLETIN	1997

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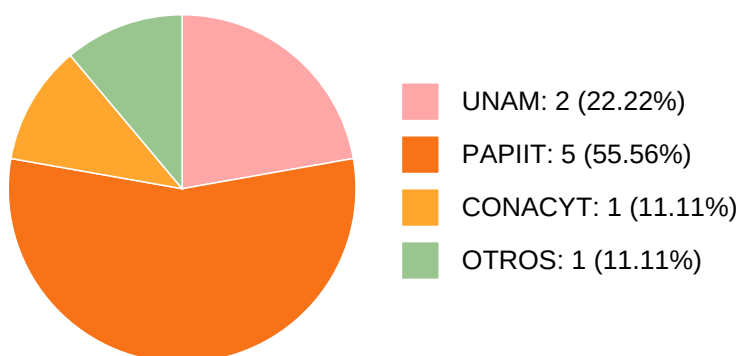


#	Título	Autores	Alcance	Año	ISBN
1	Guía rápida para la elaboración de informes de estancias de investigación	ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA	Libro Completo	2021	9786073044295
2	Costas y Mares Mexicanos:	MIGUEL ANGEL ALATORRE MENDIETA FEDERICO PAEZ OSUNA MARIA ADELA MONREAL GOMEZ et al.	Libro Completo	2019	9786073023313
3	Contaminación marina y pérdida de ecosistemas costeros	ELVA GUADALUPE ESCOBAR BRIONES CARLOS RENE GREEN RUIZ FEDERICO PAEZ OSUNA et al.	Capítulo de un Libro	2015	9786070263347
4	LA UTILIZACIÓN DE BIOINDICADORES DE LA CONTAMINACION CON REFERENCIA A LAS COSTAS MEXICANAS.	FEDERICO PAEZ OSUNA ANA CAROLINA RUIZ FERNANDEZ JOAN ALBERT SANCHEZ CABEZA	Capítulo de un Libro	2015	9786078429059
5	Sinaloa ante el cambio climático global	ANA CAROLINA RUIZ FERNANDEZ	Libro Completo	2014	9786077370512
6	Radiocronología de Sedimentos Costeros Utilizando 210Pb: Modelos, Validación y Aplicaciones	JOAN ALBERT SANCHEZ CABEZA ANA CAROLINA RUIZ FERNANDEZ	Libro Completo	2012	9789203252102

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Geocronología y geoquímica de contaminantes para el estudio de los cambios ambientales registrados en la columna sedimentaria en ecosistemas acuáticos tropicales.	ANA CAROLINA RUIZ FERNANDEZ	Presupuesto de la UNAM asignado a la Dependencia	01-01-2018	31-12-2021
2	Carbono Azul en ambiente costeros de México	ANA CAROLINA RUIZ FERNANDEZ	Recursos CONACYT	20-12-2016	19-12-2019
3	Tendencias recientes del cambio global (contaminación y cambio climático) en el lago cráter de Santa María del Oro, Nayarit	ANA CAROLINA RUIZ FERNANDEZ	Recursos PAPIIT	01-01-2018	01-12-2020
4	Tendencias recientes del cambio global (contaminación y cambio climático) en el lago cráter de Santa María del Oro, Nayarit	ANA CAROLINA RUIZ FERNANDEZ	Recursos PAPIIT	01-01-2017	31-12-2020
5	Dinámica de la acumulación y preservación de carbono azul en sedimentos recientes de dos humedales costeros de importancia internacional.	ANA CAROLINA RUIZ FERNANDEZ	Recursos PAPIIT	01-01-2021	31-12-2023

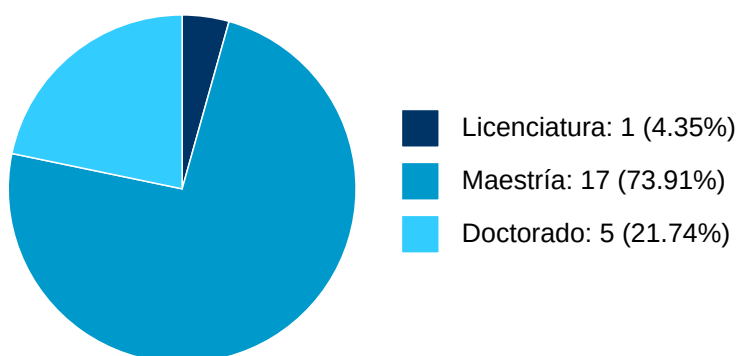
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6	Dinámica de la acumulación y preservación de carbono azul en sedimentos recientes de dos humedales costeros de importancia internacional	ANA CAROLINA RUIZ FERNANDEZ	Recursos PAPIIT	01-01-2021	31-12-2023
7	Tendencias Temporales de acumulación de microplástico en ecosistemas Marinos de México. (Rastreadores radioecológicos aplicados para evaluación de Salud de Ecosistemas Costeros y Marinos)	ANA CAROLINA RUIZ FERNANDEZ	Universidades, Centros, Institutos u Organismos Internacionales	26-01-2020	31-12-2023
8	Geocronología y geoquímica de contaminantes para el estudio de los cambios ambientales registrados en ecosistemas acuáticos	ANA CAROLINA RUIZ FERNANDEZ	Presupuesto de la UNAM asignado a la Dependencia	01-01-2023	31-12-2025
9	Tendencias de la contaminación por microplásticos en sistemas acuáticos prioritarios	ANA CAROLINA RUIZ FERNANDEZ	Recursos PAPIIT	01-01-2024	31-12-2026

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Variación temporal de tasas de enterramiento e inventarios de carbono en sedimentos de pastos marinos de la Laguna Arrecifal del Parque Nacional Arrecife de Puerto Morelos, Quintana Roo	Tesis de Maestría	BRIGITTA INE VAN TUSSENBROEK RIBBINK,	ANA CAROLINA RUIZ FERNANDEZ, Sánchez Rojas, Melisa Aranza,	Instituto de Ciencias del Mar y Limnología,	2023
2	Transporte de carbono y evasión de CO2 a lo largo del Río Usumacinta, un sistema fluvial tropical	Tesis de Doctorado	ALFONSO LUGO VAZQUEZ,	JAVIER ALCOCER DURAND, ANA CAROLINA RUIZ FERNANDEZ, et al.	Facultad de Estudios Superiores "Iztacala", Instituto de Ciencias del Mar y Limnología, Instituto de Investigaciones en Ecosistemas y Sustentabilidad	2023

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3	Acumulación y flujos históricos de Cu, Hg yV en Laguna de Términos, Campeche.	Tesis de Licenciatura	ANA CAROLINA RUIZ FERNANDEZ,	JORGE FELICIANO ONTIVEROS CUADRAS, Velázquez Reyes, Dea Argelia,	Instituto de Ciencias del Mar y Limnología,	2023
4	Metales pesados y nutrientes en los sedimentos del Lago de Santa María del Oro, Nayarit	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	Hernández Rivera, Donaji Maribel,	Instituto de Ciencias del Mar y Limnología,	2023
5	Reconstrucción temporal de la concentración de microplásticos en sedimentos de la Laguna Estero de Urías, Sinaloa	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	López Cuevas, Diana Laura,	Instituto de Ciencias del Mar y Limnología,	2023
6	Simulación del aporte fluvial de carbono orgánico particulado del sistema Grijalva Usumacinta a la Laguna de Términos, Campeche	Tesis de Maestría	ENRIQUE AVILA TORRES,	JOSE GILBERTO CARDOSO MOHEDANO, ANA CAROLINA RUIZ FERNANDEZ, et al.	Instituto de Ciencias de la Atmósfera y Cambio Climático, Instituto de Ciencias del Mar y Limnología, Instituto de Ingeniería,	2022
7	Tasas de sedimentación e inventarios de carbono orgánico en núcleos sedimentarios de la plataforma continental del centro de Veracruz (Golfo de México)	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	Salas Rodríguez, Pedro Emmanuel,	Instituto de Ciencias del Mar y Limnología,	2021
8	Variación temporal de indicadores del cambio global en la laguna Estero de Urías : flujos de metales pesados y materia orgánica	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	Aldana Gutiérrez, Giovanni,	Instituto de Ciencias del Mar y Limnología,	2019

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9	Flujos y tendencias de la acumulación de metales pesados y carbono orgánico en manglares de Puerto Morelos, Quintana Roo, México	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	Vázquez Molina, María Yosahandy,	Instituto de Ciencias del Mar y Limnología,	2019
10	Distribución temporal y germinación de quistes de Pyrodictum bahamense Plate, 1906 en sedimentos recientes de dos lagunas costeras del Golfo de California, México	Tesis de Doctorado	ROSALBA ALONSO RODRIGUEZ,	ANA CAROLINA RUIZ FERNANDEZ, Cuellar Martínez, Tomasa del Carmen,	Instituto de Ciencias del Mar y Limnología,	2018
11	Estudio retrospectivo de las tendencias históricas de los flujos de elementos potencialmente tóxicos (As, Cr, Cu, Hg, Pb, Rb, Zn, V), contaminantes orgánicos persistentes (pcbs, pbdes y pahs) y de carbono orgánico, en dos lagos ubicados en el altiplano me	Tesis de Doctorado	JAVIER ALCOCER DURAND,	CARLOS RENE GREEN RUIZ, FEDERICO PAEZ OSUNA, et al.	Coordinación de Estudios de Posgrado, Facultad de Estudios Superiores "Iztacala", Instituto de Ciencias del Mar y Limnología, Instituto de Geología,	2015
12	Flujo atmosférico, distribución en el agua y depósito sedimentario de Hg y 210Pb en el estero de urías	Tesis de Doctorado	CARLOS RENE GREEN RUIZ,	FEDERICO PAEZ OSUNA, ANA CAROLINA RUIZ FERNANDEZ, et al.	Coordinación de Estudios de Posgrado, Instituto de Ciencias del Mar y Limnología,	2015
13	Implementación de la técnica de análisis de plutonio por espectrometría alfa, para la corroboración de edades en registros sedimentarios lacustres y costeros, en México	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	López Mendoza, Perla Guadalupe,	Instituto de Ciencias del Mar y Limnología,	2015

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14	Caracterización geoquímica de sedimentos de marismas del estero de urías	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	Serrato de la Peña, Jorge Luis,	Instituto de Ciencias del Mar y Limnología,	2014
15	Geocronología reciente con 210Pb de la acumulación de carbono orgánico y compuestos orgánicos persistentes (PAHs y PCBs) en dos sitios de la plataforma continental del Pacífico Mexicano	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	Mellado Vázquez, Perla Griselle,	Instituto de Ciencias del Mar y Limnología,	2011
16	Balance de nitrógeno y fósforo en una laguna costera tropical (Laguna Larga, Cayo Coco, Cuba)	Tesis de Doctorado	MARTIN MERINO IBARRA,	FEDERICO PAEZ OSUNA, ANA CAROLINA RUIZ FERNANDEZ, et al.	Coordinación de Estudios de Posgrado, Instituto de Ciencias del Mar y Limnología,	2011
17	Incorporación de metales en testas de foraminíferos desde los sedimentos y agua asociados en la laguna costera Estero de Urías, Sinaloa, México	Tesis de Maestría	CARLOS RENE GREEN RUIZ,	MARIA LUISA MACHAIN CASTILLO, GABRIEL NUÑEZ NOGUEIRA, et al.	Instituto de Ciencias del Mar y Limnología,	2011
18	Implicaciones del fraccionamiento geoquímico del 210Po en el fechado de sedimentos por 210Pb : estudio de sedimentos estuarinos costeros en el río Coatzacoalcos	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	Ontiveros Cuadras, Jorge Feliciano,	Instituto de Ciencias del Mar y Limnología,	2010
19	Geocronología reciente (210Pb) en el Río Coatzacoalcos	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	Bojórquez Sánchez, Sara,	Instituto de Ciencias del Mar y Limnología,	2009
20	Acumulación de mercurio en ostiones de la especie Striostrea prismatica en la Bahía de Mazatlán, Sinaloa	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	Arellano Camacho, Ivette,	Instituto de Ciencias del Mar y Limnología,	2009

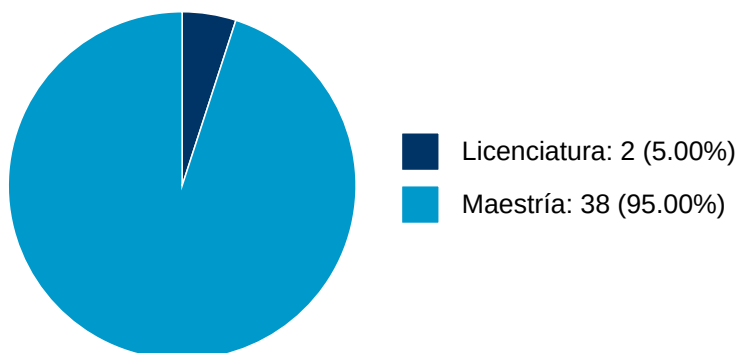
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21	Reconstrucción de la evolución trófica de un embalse monomítico cálido (Valle de Bravo, México) mediante el análisis de dos núcleos sedimentarios	Tesis de Maestría	MARTIN MERINO IBARRA,	ANA CAROLINA RUIZ FERNANDEZ, Carnero Bravo, Vladislav,	Instituto de Ciencias del Mar y Limnología,	2008
22	Geocronología reciente (210Pb) de la evolución de la contaminación en la zona costera del Golfo de Tehuantepec	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	Vasquez Bedoya, Luis Fernando,		2006
23	Geocronología de la acumulación de materiales pesados en marismas de las lagunas Ciricaueto y Estero de Urias	Tesis de Maestría	ANA CAROLINA RUIZ FERNANDEZ,	Arvizu, Maria Daniela,		2004

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	ACTIVIDAD OPTATIVA HERRAMIENTAS GEOQUÍMICAS, ISOTÓPICAS Y MICROPALAEONTOLÓGICAS PARA EL ESTUDIO DEL CAMBIO GLOBAL	Instituto de Ciencias del Mar y Limnología	2	2024-2
2	Maestría	QUÍMICA ACUÁTICA QUÍMICA ACUÁTICA	Instituto de Ciencias del Mar y Limnología	2	2024-1
3	Maestría	ACTIVIDAD OPTATIVA CAMBIO GLOBAL Y CLIMÁTICO EN LA ZONA COSTERA MEXICANA	Instituto de Ciencias del Mar y Limnología	7	2024-1
4	Maestría	ACTIVIDAD OPTATIVA HERRAMIENTAS GEOQUÍMICAS, ISOTÓPICAS Y MICROPALAEONTOLÓGICAS PARA EL ESTUDIO DEL CAMBIO GLOBAL	Instituto de Ciencias del Mar y Limnología	0	2023-2
5	Maestría	ACTIVIDAD OPTATIVA CAMBIO GLOBAL Y CLIMÁTICO EN LA ZONA COSTERA MEXICANA	Instituto de Ciencias del Mar y Limnología	7	2023-1
6	Licenciatura	TALLER INVEST.CIENCIAS ACUATICAS.I	Facultad de Ciencias	3	2023-1
7	Maestría	QUÍMICA ACUÁTICA QUÍMICA ACUÁTICA	Instituto de Ciencias del Mar y Limnología	2	2023-1
8	Maestría	ACTIVIDAD OPTATIVA	Instituto de Ciencias del Mar y Limnología	0	2022-2
9	Maestría	QUÍMICA ACUÁTICA	Instituto de Ciencias del Mar y Limnología	6	2022-1

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10	Maestría	ACTIVIDAD OPTATIVA	Instituto de Ciencias del Mar y Limnología	8	2022-1
11	Maestría	ACTIVIDAD OPTATIVA HERRAMIENTAS GEOQUÍMICAS, ISOTÓPICAS Y MICROPALAEONTOLÓGICAS PARA EL ESTUDIO DEL CAMBIO GLOBAL	Instituto de Ciencias del Mar y Limnología	5	2021-2
12	Maestría	QUÍMICA ACUÁTICA QUÍMICA ACUÁTICA	Instituto de Ciencias del Mar y Limnología	8	2021-1
13	Maestría	ACTIVIDAD OPTATIVA CAMBIO GLOBAL Y CLIMÁTICO EN LA ZONA COSTERA MEXICANA	Instituto de Ciencias del Mar y Limnología	8	2021-1
14	Maestría	ACTIVIDAD OPTATIVA HERRAMIENTAS GEOQUÍMICAS, ISOTÓPICAS Y MICROPALAEONTOLÓGICAS PARA EL ESTUDIO DEL CAMBIO GLOBAL	Instituto de Ciencias del Mar y Limnología	4	2020-2
15	Maestría	ACTIVIDAD OPTATIVA CAMBIO GLOBAL Y CLIMATICO EN LA ZONA COSTERA MEXICANA	Instituto de Ciencias del Mar y Limnología	3	2020-1
16	Maestría	RADIOCRONOLOGÍA SEDIMENTARIA PARA EL ESTUDIO DEL CAMBIO GLOBAL Y CLIMÁTICO	Instituto de Ciencias del Mar y Limnología	5	2020-1
17	Maestría	QUÍMICA ACUÁTICA QUÍMICA ACUÁTICA	Instituto de Ciencias del Mar y Limnología	3	2020-1
18	Maestría	ACTIVIDAD OPTATIVA HERRAMIENTAS GEOQUIMICAS, ISOTOPICAS Y MICROPALAEONTOLOGICAS PARA EL ESTUDIO DEL CAMBIO GLOBAL	Instituto de Ciencias del Mar y Limnología	1	2019-2
19	Maestría	ACTIVIDAD OPTATIVA CAMBIO GLOBAL Y CLIMATICO EN LA ZONA COSTERA MEXICANA	Instituto de Ciencias del Mar y Limnología	8	2019-1
20	Maestría	QUÍMICA ACUÁTICA QUÍMICA ACUÁTICA	Instituto de Ciencias del Mar y Limnología	5	2019-1
21	Maestría	ACTIIVIDAD OPTATIVA,HERRAMIENTAS GEOQUIMICAS, ISOTOPICAS Y MICROPALAEONTOLOGICAS PARA EL ESTUDIO DEL CAMBIO GLOBAL	Instituto de Ciencias del Mar y Limnología	2	2018-2
22	Licenciatura	TALLER INVEST.CIENCIAS ACUATICS.I	Facultad de Ciencias	3	2018-1
23	Maestría	QUÍMICA ACUÁTICA,QUIMICA ACUATICA	Instituto de Ciencias del Mar y Limnología	4	2018-1
24	Maestría	ACTIVIDAD OPTATIVA HERRAMIENTAS GEOQUIMICAS, ISOTOPICAS Y MICROPALAEONTOLOGICAS PARA EL ESTUDIO DEL CAMBIO GLOBAL	Instituto de Ciencias del Mar y Limnología	6	2017-2

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25	Maestría	QUÍMICA ACUÁTICA-396189	Instituto de Ciencias del Mar y Limnología	9	2017-1
26	Maestría	ASIGNATURA BASICA	Instituto de Ciencias del Mar y Limnología	10	2015-1
27	Maestría	ACTIVIDADES COMPLEMENTARIAS	Instituto de Ciencias del Mar y Limnología	4	2014-2
28	Maestría	ACTIVIDADES COMPLEMENTARIAS	Instituto de Ciencias del Mar y Limnología	1	2014-1
29	Maestría	ACTIVIDADES COMPLEMENTARIAS	Instituto de Ciencias del Mar y Limnología	10	2013-2
30	Maestría	ACTIVIDADES COMPLEMENTARIAS	Instituto de Ciencias del Mar y Limnología	1	2013-2
31	Maestría	ACTIVIDAD COMPLEMENTARIA	Instituto de Ciencias del Mar y Limnología	1	2013-2
32	Maestría	ACTIVIDADES COMPLEMENTARIAS	Instituto de Ciencias del Mar y Limnología	6	2012-2
33	Maestría	ASIGNATURA BASICA	Instituto de Ciencias del Mar y Limnología	17	2011-1
34	Maestría	ACTIVIDADES COMPLEMENTARIAS	Instituto de Ciencias del Mar y Limnología	2	2010-2
35	Maestría	ACTIVIDADES COMPLEMENTARIAS	Instituto de Ciencias del Mar y Limnología	7	2009-2
36	Maestría	ACTIVIDAD COMPLEMENTARIA	Instituto de Ciencias del Mar y Limnología	1	2009-2
37	Maestría	ACTIVIDADES COMPLEMENTARIAS	Instituto de Ciencias del Mar y Limnología	1	2009-2
38	Maestría	ACTIVIDADES COMPLEMENTARIAS	Instituto de Ciencias del Mar y Limnología	1	2009-1
39	Maestría	ACTIVIDAD COMPLEMENTARIA	Instituto de Ciencias del Mar y Limnología	1	2009-1
40	Maestría	ACTIVIDAD COMPLEMENTARIA	Instituto de Ciencias del Mar y Limnología	2	2008-2



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



ANA CAROLINA RUIZ FERNANDEZ

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