



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



LUCA FERRARI

Datos Generales

Nombre: LUCA FERRARI

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 29 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Geociencias
Desde 16-04-2024

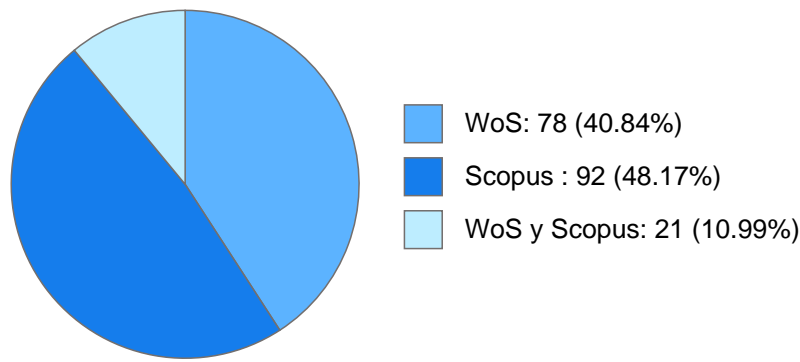
Estímulos, programas, premios y reconocimientos

SNI III 2009 - 2024
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PRIDE D - 2024
PASPA Estancias de Investigación en el extranjero 2017
PUN Investigación en ciencias exactas 2015

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



| # | Título | Autores | Revista | Año |
|---|--|--|---|------|
| 1 | Oligocene magmato-tectonic events influential in the development of Pb-Zn, Ag, and Au mineralization at the Plomosas deposit, southwestern Sierra Madre Occidental, Mexico | GILLES PIERRE RENE LEVRESSE LUCA FERRARI Paula Montoya-Lopera et al. | INTERNATIONAL GEOLOGY REVIEW | 2025 |
| 2 | 20 years after peak oil in Mexico: analysis of the hydrocarbon sector and implications for the national energy future | LUCA FERRARI Jose Rafael Flores Hernandez Diana Hernandez Martinez | REVISTA MEXICANA DE CIENCIAS GEOLOGICAS | 2024 |
| 3 | Ar-40/Ar-39 muscovite geochronology of Arperos Basin inversion in Southern Mexico: new insights into cretaceous shortening initiation in southernmost North America | MICHELANGELO MARTINI LUCA FERRARI MARIA AMABEL ORTEGA RIVERA | INTERNATIONAL GEOLOGY REVIEW | 2023 |
| 4 | Mantellic degassing of helium in an extensional active tectonic setting at the front of a magmatic arc (central Mexico) | ANDREA BILLARENT CEDILLO ELISEO HERNANDEZ PEREZ LUCA FERRARI et al. | Geosphere | 2023 |

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| 5 | The Late Cretaceous batholithic massifs of Sierra La Laguna and Sierra La Trinidad, southern Baja California, Mexico: constraints on extensional structures from geology, geochronology, and thermobarometry | RODRIGO GUTIERREZ NAVARRO LUCA FERRARI MA. TERESA OROZCO ESQUIVEL et al. | INTERNATIONAL GEOLOGY REVIEW | 2023 |
| 6 | Unraveling the origin of geothermal heat in absence of recent volcanism: The Santiago Papasquiario hydrothermal area, Central-Eastern Sierra Madre Occidental, México | LUCA FERRARI ANDREA BILLARENT CEDILLO GILLES PIERRE RENE LEVRESSE et al. | Geothermics | 2022 |
| 7 | Subsurface structure of the Mazatlán basin, southeastern Gulf of California, Mexico, from seismic reflection and well data | LUCA FERRARI Sánchez-Barra A.C. González-Escobar M. | Tectonophysics | 2022 |
| 8 | Knickpoint retreat and landscape preservation along main fault escarpments of the Mexican Basin and Range: The case of the southern sector of the Sierra Madre Occidental (Mexico) | MIGUEL EMMANUEL CASTILLO RODRIGUEZ LUCA FERRARI FERNANDO ORTEGA GUTIERREZ et al. | GEOMORPHOLOGY | 2022 |
| 9 | Deciphering origins and pathways of low-enthalpy geothermal waters in the unconventional geothermal system of Juchipila graben (Central Mexico) | ANDREA BILLARENT CEDILLO GILLES PIERRE RENE LEVRESSE LUCA FERRARI et al. | Geothermics | 2021 |
| 10 | The Cretaceous-Eocene Mexican Magmatic Arc: Conceptual framework from geochemical and geochronological data of plutonic rocks | MARTIN ANDRES VALENCIA MORENO MA. TERESA OROZCO ESQUIVEL LUCA FERRARI et al. | EARTH-SCIENCE REVIEWS | 2021 |
| 11 | Geology and conceptual model of the Domuyo geothermal area, northern Patagonia, Argentina | ARGELIA SILVA FRAGOSO LUCA FERRARI GIANLUCA NORINI et al. | JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH | 2021 |
| 12 | Early Miocene arc volcanism in the Mexico City Basin: Inception of the Trans-Mexican Volcanic Belt | JOSE LUIS ARCE SALDAÑA LUCA FERRARI ERIC MORALES CASIQUE et al. | JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH | 2020 |
| 13 | Assessing landscape response to tectonics in the Jalisco block and adjacent areas (west-central Mexico) using topographic analysis | MIGUEL EMMANUEL CASTILLO RODRIGUEZ LUCA FERRARI FERNANDO ORTEGA GUTIERREZ et al. | JOURNAL OF SOUTH AMERICAN EARTH SCIENCES | 2020 |

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| 14 | The Eocene–Oligocene Nanchititla dike swarm, eastern Michoacan, Mexico | MARIA JAZMIN CHAVEZ ALVAREZ LUIS MARIANO CERCA MARTINEZ GABRIEL ORIGEL GUTIERREZ et al. | JOURNAL OF MAPS | 2020 |
| 15 | New geological, geochronological and geochemical characterization of the San Dimas mineral system: Evidence for a telescoped Eocene–Oligocene Ag/Au deposit in the Sierra Madre Occidental, Mexico | GILLES PIERRE RENE LEVRESSE LUCA FERRARI MA. TERESA OROZCO ESQUIVEL et al. | ORE GEOLOGY REVIEWS | 2020 |
| 16 | Genesis of the telescoped Eocene silver and Oligocene gold San Dimas deposits, Sierra Madre Occidental, Mexico: Constraints from fluid inclusions, oxygen – deuterium and noble gases isotopes | GILLES PIERRE RENE LEVRESSE LUCA FERRARI Montoya–Lopera P. et al. | ORE GEOLOGY REVIEWS | 2020 |
| 17 | Delamination of sub-crustal lithosphere beneath the Isthmus of Tehuantepec, Mexico: Insights from numeric modelling | MARINA MANEA VLAD CONSTANTIN MANEA LUCA FERRARI et al. | JOURNAL OF GEODYNAMICS | 2019 |
| 18 | New insights into the geology and tectonics of the San Dimas mining district, Sierra Madre Occidental, Mexico | LUCA FERRARI GILLES PIERRE RENE LEVRESSE Montoya–Lopera P. et al. | ORE GEOLOGY REVIEWS | 2019 |
| 19 | TERRA DIGITALIS: DESIGN AND IMPLEMENTATION OF AN INTERACTIVE PEER REVIEWED JOURNAL OF MAPS | FRANCISCO JAVIER OSORNO COVARRUBIAS STEPHANE ROBERT ANDRE COUTURIER PENELOPE LOPEZ QUIROZ et al. | GEOFOCUS-REV ISTA INTERNACIONAL DE CIENCIA Y TECNOLOGIA DE LA INFORMACION GEOGRAFICA | 2018 |
| 20 | DO WE NEED A NEW TYPE OF JOURNAL OF MAPS MORE SUITED FOR THE BIGDATA GEOSPATIAL ERA? THE JOURNAL "TERRA DIGITALIS": A CASE IN POINT | FRANCISCO JAVIER OSORNO COVARRUBIAS PENELOPE LOPEZ QUIROZ LUCA FERRARI et al. | International Conference On Cartography And Gis | 2018 |
| 21 | A geologic recipe for transient slip within the seismogenic zone: Insight from the Guerrero seismic gap, Mexico | ALLEN LEROY HUSKER LUCA FERRARI CLAUDIA ARANGO GALVAN et al. | Geology | 2018 |
| 22 | Y Cenozoic magmatism and extension in western Mexico: Linking the Sierra Madre Occidental silicic large igneous province and the Comondu Group with the Gulf of California rift | LUCA FERRARI MA. TERESA OROZCO ESQUIVEL ARGELIA SILVA FRAGOSO et al. | EARTH-SCIENCE REVIEWS | 2018 |
| 23 | From continental to oceanic rifting in the Gulf of California | LUCA FERRARI Marco Bonini Arturo Martin | Tectonophysics | 2017 |

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| 24 | A review of the geodynamic evolution of flat slab subduction in Mexico, Peru, and Chile | LUCA FERRARI MA. TERESA OROZCO ESQUIVEL RAUL VALENZUELA WONG et al. | Tectonophysics | 2017 |
| 25 | Onshore and offshore apatite fission-track dating from the southern Gulf of California: Insights into the time-space evolution of the rifting | LUCA FERRARI Balestrieri, M.L. Bonini, M. et al. | Tectonophysics | 2017 |
| 26 | Knickpoint retreat and landscape evolution of the Amatlan de Canas half-graben (northern sector of Jalisco Block, western Mexico) | MIGUEL EMMANUEL CASTILLO RODRIGUEZ LUCA FERRARI ESPERANZA MUÑOZ SALINAS | JOURNAL OF SOUTH AMERICAN EARTH SCIENCES | 2017 |
| 27 | Crust and upper-mantle seismic anisotropy variations from the coast to inland in central and Southern Mexico | XYOLI PEREZ CAMPOS RAUL ALEJANDRO VALENZUELA MONJARAS ALLEN LEROY HUSKER et al. | GEOPHYSICAL JOURNAL INTERNATIONAL | 2017 |
| 28 | Geochemistry and Sr-Nd-Pb isotopes of Monte Amiata Volcano, Central Italy: Evidence for magma mixing between high-K calc-alkaline and leucititic mantle-derived magmas | LUCA FERRARI Conticelli, Sandro Boari, Elena et al. | ITALIAN JOURNAL OF GEOSCIENCES | 2015 |
| 29 | Editorial | LUCA FERRARI | REVISTA MEXICANA DE CIENCIAS GEOLOGICAS | 2015 |
| 30 | Timing of rifting in the southern Gulf of California and its conjugate margins: Insights from the plutonic record | Jose DuqueTrujillo LUCA FERRARI MA. TERESA OROZCO ESQUIVEL et al. | GEOLOGICAL SOCIETY OF AMERICA BULLETIN | 2014 |
| 31 | Petrogenesis and geodynamic significance of silicic volcanism in the western Trans-Mexican Volcanic Belt: role of gabbroic cumulates | MA. TERESA OROZCO ESQUIVEL LUCA FERRARI Petrone, Chiara Maria | CONTRIBUTIONS TO MINERALOGY AND PETROLOGY | 2014 |
| 32 | Response of a landscape to tectonics using channel steepness indices (k_{sn}) and OSL: A case of study from the Jalisco Block, Western Mexico | Miguel Castillo ESPERANZA MUÑOZ SALINAS LUCA FERRARI | GEOMORPHOLOGY | 2014 |
| 33 | Late Cretaceous-Oligocene magmatic record in southern Mexico: The case for a temporal slab window along the evolving Caribbean-North America-Farallon triple boundary | LUCA FERRARI MICHELANGELO MARTINI MA. TERESA OROZCO ESQUIVEL et al. | Tectonics | 2014 |

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| 34 | Miocene faulting in the southwestern Sierra Madre Occidental, Nayarit, Mexico: kinematics and segmentation during the initial rifting of the southern Gulf of California | Jose Duque Trujillo LUCA FERRARI Norini, Gianluca et al. | REVISTA MEXICANA DE CIENCIAS GEOLOGICAS | 2014 |
| 35 | Pulling apart the mid to late cenozoic magmatic record of the gulf of california: Is there a comondú arc? | MA. TERESA OROZCO ESQUIVEL LUCA FERRARI Bryan S.E. et al. | Geological Society Special Publication | 2014 |
| 36 | Large igneous provinces and silicic large igneous provinces: Progress in our understanding over the last 25 years | LUCA FERRARI Bryan, Scott E. | GEOLOGICAL SOCIETY OF AMERICA BULLETIN | 2013 |
| 37 | Fossil energies: diagnostic, economic perspectives and implications | LUCA FERRARI | REVISTA MEXICANA DE FISICA | 2013 |
| 38 | Late Oligocene to middle miocene rifting and synextensional magmatism in the southwestern sierra madre occidental, Mexico: The beginning of the Gulf of California rift | LUCA FERRARI MA. TERESA OROZCO ESQUIVEL Jose Duque Trujillo et al. | Geosphere | 2013 |
| 39 | Synvolcanic crustal extension during the mid-Cenozoic ignimbrite flare-up in the northern Sierra Madre Occidental, Mexico: Evidence from the Guazapares mining district region, Western Chihuahua | LUCA FERRARI LUIGI AUGUSTO SOLARI Murray, Bryan P. et al. | Geosphere | 2013 |
| 40 | A geodynamical perspective on the subduction of Cocos and Rivera plates beneath Mexico and Central America | VLAD CONSTANTIN MANEA MARINA MANEA LUCA FERRARI | Tectonophysics | 2013 |
| 41 | The dynamic history of the Trans-Mexican Volcanic Belt and the Mexico subduction zone | LUCA FERRARI MA. TERESA OROZCO ESQUIVEL VLAD CONSTANTIN MANEA et al. | Tectonophysics | 2012 |
| 42 | Physical and geological description of the nanchititla dyke swarm | MARIA JAZMIN CHAVEZ ALVAREZ LUIS MARIANO CERCA MARTINEZ LUCA FERRARI | REVISTA MEXICANA DE CIENCIAS GEOLOGICAS | 2012 |
| 43 | An integrative geologic, geochronologic and geochemical study of Gorgona Island, Colombia: Implications for the formation of the Caribbean Large Igneous Province | Lina Serrano LUCA FERRARI Lopez Martinez, Margarita et al. | EARTH AND PLANETARY SCIENCE LETTERS | 2011 |

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| 44 | Style and chronology of the Late Cretaceous shortening in the Zihuatanejo area (southwestern Mexico): Implications for the timing of the Mexican Laramide deformation | MICHELANGELO MARTINI LUCA FERRARI | Geosphere | 2011 |
| 45 | Self-similar clustering of cinder cones and crust thickness in the Michoacan-Guanajuato and Sierra de Chichinautzin volcanic fields, Trans-Mexican Volcanic Belt | LUCA FERRARI Mazzarini, Francesco Isola, Ilaria | Tectonophysics | 2010 |
| 46 | Analogue model of inversion tectonics explaining the structural diversity of Late Cretaceous shortening in southwestern Mexico | LUIS MARIANO CERCA MARTINEZ LUCA FERRARI Corti, G et al. | LITHOSPHERE | 2010 |
| 47 | Phylogeography of the <i>Caesalpinia hintonii</i> complex (Leguminosae: Caesalpinioideae: Poincianella) | JENY SOLANGE SOTUYO VAZQUEZ ALFONSO OCTAVIO DELGADO SALINAS LUCA FERRARI et al. | Revista Mexicana De Biodiversidad | 2010 |
| 48 | Redefinición estratigráfica del área de Zihuatanejo, suroeste de México | MICHELANGELO MARTINI LUCA FERRARI López-Martínez M. et al. | REVISTA MEXICANA DE CIENCIAS GEOLOGICAS | 2010 |
| 49 | Cretaceous-Eocene magmatism and Laramide deformation in southwestern Mexico: No role for terrane accretion | MICHELANGELO MARTINI LUCA FERRARI López-Martínez M. et al. | Geological Society of America Memoir | 2009 |
| 50 | Analogue models of an Early Cenozoic transpressive regime in southern Mexico: Implications on the evolution of the Xolapa complex and the North American-Caribbean plate boundary | LUIS MARIANO CERCA MARTINEZ LUCA FERRARI GUSTAVE IZARD TOLSON JONES et al. | Geological Society Special Publication | 2009 |
| 51 | Development and implementation of an electronic journal for publishing peer-reviewed GIS-based maps on the Web | GABRIEL ORIGEL GUTIERREZ JORGE LOPEZ BLANCO LUCA FERRARI | Lecture Notes in Geoinformation and Cartography | 2008 |
| 52 | New insights into crustal contributions to large-volume rhyolite generation in the mid-Tertiary Sierra Madre Occidental province, Mexico, revealed by U-Pb geochronology | LUCA FERRARI Aldo Ramos Rosique Bryan, Scott E. et al. | JOURNAL OF PETROLOGY | 2008 |
| 53 | Quaternary adakite - Nb-enriched basalt association in the western Trans-Mexican Volcanic Belt: is there any slab melt evidence? | LUCA FERRARI Petrone, Chiara M. | CONTRIBUTIONS TO MINERALOGY AND PETROLOGY | 2008 |

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| 54 | Geochemical and isotopic variability in lavas from the eastern Trans-Mexican Volcanic Belt: Slab detachment in a subduction zone with varying dip | MA. TERESA OROZCO ESQUIVEL LUCA FERRARI M. Petrone C. et al. | Lithos | 2007 |
| 55 | Igneous petrogenesis of the trans-mexican volcanic belt | ARTURO GOMEZ TUENA MA. TERESA OROZCO ESQUIVEL LUCA FERRARI | Geological Society of America Special Papers | 2007 |
| 56 | Magmatism and tectonics of the Sierra Madre Occidental and relation with the evolution of the western margin of North Ame | LUCA FERRARI MARTIN ANDRES VALENCIA MORENO Bryan S. | Geological Society of America Special Papers | 2007 |
| 57 | Fluid release from the subducted Cocos plate and partial melting of the crust deduced from magnetotelluric studies in southern Mexico: Implications for the generation of volcanism and subduction dynamics | LUCA FERRARI JORGE ARTURO ARZATE FLORES Jödicke H. et al. | Journal Of Geophysical Research-Solid Earth | 2006 |
| 58 | The San Pedro-Cerro Grande volcanic complex (Nayarit, México): Inferences on volcanology and magma evolution | LUCA FERRARI PETER ERNST GEORG SCHAAF Petrone C.M. et al. | Geological Society of America Special Papers | 2006 |
| 59 | Geology, geochronology and tectonic setting of late Cenozoic volcanism along the southwestern Gulf of Mexico: The Eastern Alkaline Province revisited | LUCA FERRARI MA. TERESA OROZCO ESQUIVEL Tagami T. et al. | JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH | 2005 |
| 60 | Tectonic evolution of the Tehuantepec Ridge | MARINA MANEA VLAD CONSTANTIN MANEA LUCA FERRARI et al. | EARTH AND PLANETARY SCIENCE LETTERS | 2005 |
| 61 | The role of crustal heterogeneity in controlling vertical coupling during Laramide shortening and the development of the Caribbean-North America transform boundary in southern Mexico: Insights from analogue models | LUIS MARIANO CERCA MARTINEZ LUCA FERRARI Bonini M. et al. | Geological Society Special Publication | 2004 |
| 62 | Slab detachment control on mafic volcanic pulse and mantle heterogeneity in central Mexico | LUCA FERRARI | Geology | 2004 |
| 63 | Ages of epithermal deposits in Mexico Regional significance and links with the evolution of tertiary volcanism | ANTONI CAMPRUBI CANO LUCA FERRARI Cosca M.A. et al. | ECONOMIC GEOLOGY | 2003 |

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| 64 | Source contamination versus assimilation: An example from the Trans-Mexican volcanic arc | LUCA FERRARI ARTURO GOMEZ TUENA Chesley J. et al. | EARTH AND PLANETARY SCIENCE LETTERS | 2002 |
| 65 | Ignimbrite flare-up and deformation in the southern Sierra Madre Occidental, western Mexico: Implications for the late subduction history of the Farallon plate | LUCA FERRARI Lopéz-Martínez M. Rosas-Elguera J. | Tectonics | 2002 |
| 66 | Unusual coexistence of subduction-related and intraplate-type magmatism: Sr, Nd and Pb isotope and trace element data from the magmatism of the San Pedro-Ceboruco graben (Nayarit, Mexico) | LUCA FERRARI Petrone C.M. Francalanci L. et al. | CHEMICAL GEOLOGY | 2002 |
| 67 | Generation of oceanic-island basalt-type volcanism in the western Trans-Mexican volcanic belt by slab rollback, asthenosphere infiltration, and variable flux melting: Reply | LUCA FERRARI Petrone C.M. Francalanci L. | Geology | 2002 |
| 68 | Generation of oceanic-island basalt-type volcanism in the western Trans-Mexican volcanic belt by slab rollback, asthenosphere infiltration, and variable flux melting | LUCA FERRARI Petrone C.M. Francalanci L. | Geology | 2001 |
| 69 | Absolute palaeointensity results from the Trans Mexican Volcanic Belt: Implications for the late Miocene geomagnetic field strength | LUIS MANUEL ALVA VALDIVIA JAIME HUMBERTO URRUTIA FUCUGAUCHI LUCA FERRARI et al. | GEOFYSICAL JOURNAL INTERNATIONAL | 2000 |
| 70 | Late Miocene volcanism and intra-arc tectonics during the early development of the Trans-Mexican Volcanic Belt | LUCA FERRARI Conticelli S. Vaggelli G. et al. | Tectonophysics | 2000 |
| 71 | Geology of the western Mexican Volcanic Belt and adjacent Sierra Madre Occidental and Jalisco block | LUCA FERRARI Pasquarè G. Venegas-Salgado S. et al. | Geological Society of America Special Papers | 2000 |
| 72 | Late Miocene to Quaternary extension at the northern boundary of the Jalisco block, western Mexico: The Tepic-Zacoalco rift revised | LUCA FERRARI Rosas-Elguera J. | Geological Society of America Special Papers | 2000 |
| 73 | Paleomagnetic data from the Trans-Mexican Volcanic Belt: Implications for tectonics and volcanic stratigraphy | LUIS MANUEL ALVA VALDIVIA LUCA FERRARI JAIME HUMBERTO URRUTIA FUCUGAUCHI et al. | EARTH PLANETS AND SPACE | 2000 |

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| 74 | Crustal variations and terrane boundaries in Southern Mexico as imaged by magnetotelluric transfer functions | LUCA FERRARI JORGE ARTURO ARZATE FLORES Jording A. et al. | Tectonophysics | 2000 |
| 75 | Variation of Cenozoic extension and volcanism across the southern Sierra Madre Occidental volcanic province, Mexico | ANGEL FRANCISCO NIETO SAMANIEGO LUCA FERRARI SUSANA ALICIA ALANIZ ALVAREZ et al. | GEOLOGICAL SOCIETY OF AMERICA BULLETIN | 1999 |
| 76 | Alkalic (ocean-island basalt type) and calc-alkalic volcanism in the Mexican volcanic belt: A case for plume-related magmatism and propagating rifting at an active margin?: Comment | LUCA FERRARI Rosas-Elguera J. | Geology | 1999 |
| 77 | Space-time patterns of Cenozoic arc volcanism in central Mexico: From the Sierra Madre Occidental to the Mexican Volcanic Belt | LUCA FERRARI GERARDO DE JESUS AGUIRRE DIAZ GERARDO CARRASCO NUÑEZ et al. | Geology | 1999 |
| 78 | Effect of strain rate in the distribution of monogenetic and polygenetic volcanism in the transmexican volcanic belt: Reply | SUSANA ALICIA ALANIZ ALVAREZ ANGEL FRANCISCO NIETO SAMANIEGO LUCA FERRARI | Geology | 1999 |
| 79 | Effect of strain rate in the distribution of monogenetic and polygenetic volcanism in the transmexican volcanic belt | SUSANA ALICIA ALANIZ ALVAREZ ANGEL FRANCISCO NIETO SAMANIEGO LUCA FERRARI | Geology | 1998 |
| 80 | Stratigraphy and tectonics of the Guadalajara region and triple-junction area, Western Mexico | LUCA FERRARI JAIME HUMBERTO URRUTIA FUCUGAUCHI Rosas-Elguera J. et al. | INTERNATIONAL GEOLOGY REVIEW | 1997 |
| 81 | Continental boundaries of the Jalisco block and their influence in the Pliocene-Quaternary kinematics of western Mexico | LUCA FERRARI JAIME HUMBERTO URRUTIA FUCUGAUCHI Rosas-Elguera J. et al. | Geology | 1996 |
| 82 | Landslides triggered by earthquakes and their relations with faults and mountain slope geometry: an example from Ecuador | LUCA FERRARI Tibaldi A. Pasquarè G. | GEOMORPHOLOGY | 1995 |
| 83 | Miocene shearing along the northern boundary of the Jalisco Block and the opening of the southern Gulf of California | LUCA FERRARI | Geology | 1995 |
| 84 | Volcanic and tectonic evolution of central Mexico: Oligocene to present | LUCA FERRARI Garduno V.H. Pasquarè G. et al. | GEOFISICA INTERNACIONAL | 1994 |
| 85 | Regional tectonics of western Mexico and its implications for the northern boundary of the Jalisco Block | LUCA FERRARI Pasquarè G. Venegas S. et al. | GEOFISICA INTERNACIONAL | 1994 |

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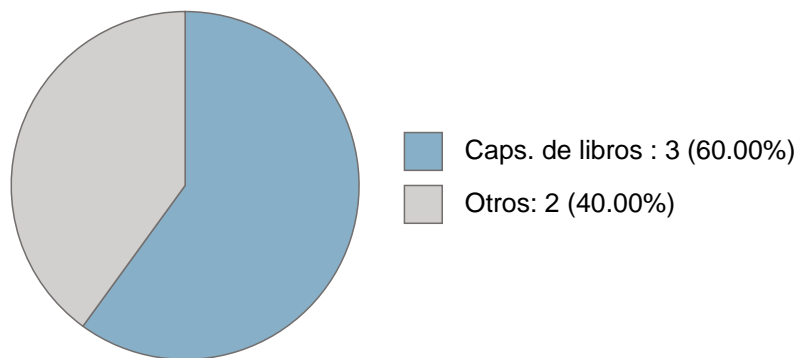
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| 86 | A widespread mafic volcanic unit at the base of the Mexican Volcanic Belt between Guadalajara and Queretaro | LUCA FERRARI Garduno V.H. Innocenti F. et al. | GEOFISICA INTERNACIONAL | 1994 |
| 87 | The Los Azufres caldera, Mexico: The result of multiple nested collapses. Reply to a comment by Robin and Pradal | LUCA FERRARI Garduño V.H. Pasquarè G. et al. | JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH | 1993 |
| 88 | Latest Pleistocene-Holocene tectonics of the Ecuadorian Andes | LUCA FERRARI Tibaldi A. | Tectonophysics | 1992 |
| 89 | Importance of gravitational spreading in the tectonic and volcanic evolution of Mount Etna | LUCA FERRARI Borgia A. Pasquarè G. | Nature | 1992 |
| 90 | Recent and active tectonics of the north-eastern Ecuadorian Andes | LUCA FERRARI Tibaldi A. | JOURNAL OF GEODYNAMICS | 1992 |
| 91 | From latest miocene thrusting to quaternary transpression and transtension in the Interandean Valley, Ecuador | LUCA FERRARI Tibaldi A. | JOURNAL OF GEODYNAMICS | 1992 |
| 92 | Geology of Los Azufres Caldera, Mexico, and its relationships with regional tectonics | LUCA FERRARI Garduño V.H. Pasquarè G. et al. | JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH | 1991 |
| 93 | Multisource remotely sensed data, field checks and seismicity for the definition of active tectonics in ecuadorian andes | LUCA FERRARI Tibaldi A. | INTERNATIONAL JOURNAL OF REMOTE SENSING | 1991 |
| 94 | Eocene simple shear and Plio-Quaternary pure-shear folding in the central-eastern Algerian Atlas | LUCA FERRARI Tibaldi A. Brizzolaro L. et al. | Terra Nova | 1990 |
| 95 | Plio-Quaternary tectonics of the central Mexican Volcanic Belt and some constraints on its rifting mode | LUCA FERRARI Pasquarè G. Tibaldi A. | GEOFISICA INTERNACIONAL | 1990 |
| 96 | Morphological and structural analysis of the central sector of the Transmexican Volcanic Belt (Mexico). | LUCA FERRARI Pasquarè G. Perazzoli V. et al. | GEOFISICA INTERNACIONAL | 1987 |

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN

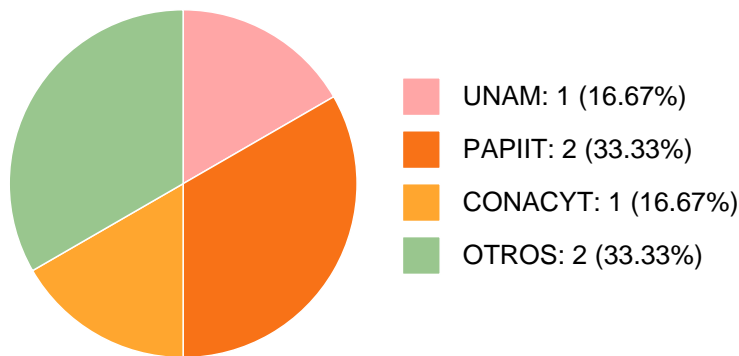


| # | Título | Autores | Alcance | Año | ISBN |
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| 1 | Timing and P-T conditions of epithermal mineralization in the Bacis and La Cienega Mining districts, Durango, Mexico | GILLES PIERRE RENE LEVRESSE LUCA FERRARI Gustavo Adolfo Ramirez-Salamanca et al. | Proceedin gs Paper | 2019 | 9780852619629 |
| 2 | New insights into the formation of multiples mineralization events in the San Dimas District, Mexico | GILLES PIERRE RENE LEVRESSE LUCA FERRARI Paula A. Montoya Lopera et al. | Proceedin gs Paper | 2017 | 9782981689801 |
| 3 | Geología y Biodiversidad: una Evolución Paralela | LUCA FERRARI | Capítulo de un Libro | 2017 | 9786070293504 |
| 4 | Pulling apart the Mid to Late Cenozoic magmatic record of the Gulf of California: Is there a Comondú arc? | LUCA FERRARI MA. TERESA OROZCO ESQUIVEL | Capítulo de un Libro | 2014 | 1862393699 |
| 5 | El campus universitario de Juriquilla, crónica de una utopía en progreso. | RAUL GERARDO PAREDES GUERRERO CARLOS ARAMBURO DE LA HOZ FLAVIO MANUEL MENA JARA et al. | Capítulo de un Libro | 2010 | 9786077710295 |

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



| # | Nombre | Participantes | Fuente | Fecha inicio | Fecha fin |
|---|---|---------------|--|--------------|------------|
| 1 | Temporalidad y duración de los eventos de extensión, magmatismo y mineralización en la parte sur de la Sierra Madre Occidental: un estudio integrado de geocronología U-Pb, Ar-Ar, y trazas de fisión | LUCA FERRARI | Recursos CONACYT | 27-03-2015 | 27-03-2018 |
| 2 | Geología y tectónica regional, particularmente de arcos magmáticos cenozoicos. | LUCA FERRARI | Presupuesto de la UNAM asignado a la Dependencia | 01-01-2018 | 31-12-2021 |
| 3 | Energía geotérmica no convencional en México: un estudio interdisciplinario en la parte suroriental de la Sierra Madre Occidental | LUCA FERRARI | Recursos PAPIIT | 01-01-2017 | 31-12-2019 |
| 4 | Historia Tectónica de la Falla San José del Cabo y de la Cuenca de Los Cabos en el contexto de la extensión litosférica del Golfo de California. | LUCA FERRARI | Recursos PAPIIT | 01-01-2019 | 31-12-2021 |



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Simplificación de la Gestión Institucional
Reporte individual



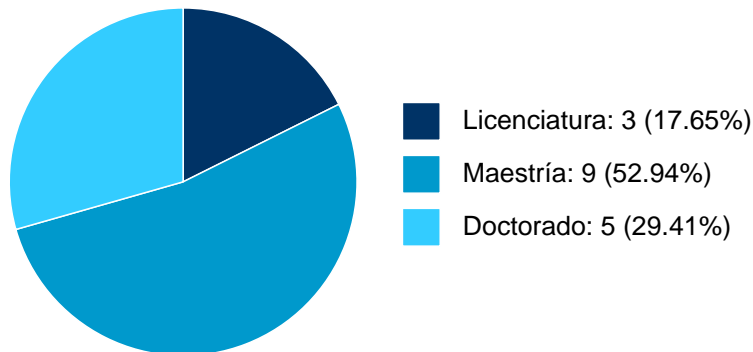
LUCA FERRARI

| | | | | | |
|---|---|--------------|----------------------|------------|------------|
| 5 | Transición energética sustentable para el bienestar socioambiental de México. | LUCA FERRARI | Recursos CONAHCyT | 01-01-2021 | 30-11-2024 |
| 6 | Plataforma Nacional. Energía, ambiente y sociedad Fase 2: consolidación y desarrollo de herramientas de modelado y planificación. | LUCA FERRARI | Recursos CONAHCyT | 01-01-2023 | 30-11-2024 |

LUCA FERRARI

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



| # | Título del documento | Tipo de Tesis | Sinodales | Autores | Entidad | Año |
|---|--|-----------------------|---------------|---------------------------------|---|------|
| 1 | Tectónica de la porción central de la Sierra Madre Occidental y su relación con la producción de calor en la corteza superior : caso de estudio semigraben de Santiago Papasquiaro | Tesis de Doctorado | LUCA FERRARI, | Castillo Reynoso, Juan Carlos, | Centro de Geociencias en Juriquilla, Querétaro, | 2023 |
| 2 | Estimación del índice de retorno energético para el sector de hidrocarburos en México | Tesis de Licenciatura | LUCA FERRARI, | Flores Hernández, José Rafael, | Centro de Geociencias en Juriquilla, Querétaro, | 2022 |
| 3 | Estudio geológico del sector centro y sur del graben de Juchipila, Jal., Zac., México | Tesis de Maestría | LUCA FERRARI, | Martínez Reséndiz, Emma Vanesa, | Centro de Geociencias en Juriquilla, Querétaro, | 2020 |
| 4 | Relación entre episodios tectono-magmático cretácico-tardío oligoceno temprano y el desarrollo de múltiples eventos mineralizantes de plata - oro en el distrito minero San Dimas, Sierra Madre Occidental, México | Tesis de Doctorado | LUCA FERRARI, | Montoya Lopera, Paula Andrea, | Centro de Geociencias en Juriquilla, Querétaro, | 2020 |

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|----|--|-----------------------|--------------------|---|--|------|
| 5 | Estudio geológico de la zona geotérmica del Volcán Domuyo, Argentina | Tesis de Maestría | LUCA FERRARI, | Silva Fragoso, Argelia, | Centro de Geociencias en Juriquilla, Querétaro, | 2018 |
| 6 | Temporalidad del magmatismo en el graben de bolaños y sus implicaciones metalogenéticas | Tesis de Maestría | LUCA FERRARI, | Mata Castillo, Cecilia, | Centro de Geociencias en Juriquilla, Querétaro, | 2018 |
| 7 | Tectónica del límite sur de la Sierra Madre Occidental : la zona de Cizalla del Río Santiago | Tesis de Maestría | LUCA FERRARI, | Castillo Reynoso, Juan Carlos, | Centro de Geociencias en Juriquilla, Querétaro, | 2018 |
| 8 | La producción petrolera mexicana : análisis histórico y escenario futuro | Tesis de Maestría | LUCA FERRARI, | Hernández Martínez, Diana, | Centro de Geociencias en Juriquilla, Querétaro, | 2017 |
| 9 | Magmatismo y tectónica de la parte oriental de la zona de cizalla del Río Santiago, Jalisco | Tesis de Licenciatura | LUCA FERRARI, | García Arriola, Oscar Agesandro, | Centro de Geociencias en Juriquilla, Querétaro, | 2016 |
| 10 | Estratigrafía regional y significado tectónico del grupo comondú en Baja California Sur, México | Tesis de Maestría | LUCIA CAPRA PEDOL, | LUCA FERRARI, MICHELANGE LO MARTINI, et al. | Centro de Geociencias en Juriquilla, Querétaro, Facultad de Ciencias, Instituto de Geología, | 2016 |
| 11 | Magmatismo y extensión del mioceno en la porción sur del Golfo de California y sus márgenes | Tesis de Doctorado | LUCA FERRARI, | Duque Trujillo, José Fernando, | Centro de Geociencias en Juriquilla, Querétaro, | 2015 |
| 12 | Tectónica y volcanismo bimodal en la zona de transición entre la sierra madre occidental y la faja volcánica trans-mexicana al norte de Guadalajara, Jalisco | Tesis de Licenciatura | LUCA FERRARI, | Silva Fragoso, Argelia, | Centro de Geociencias en Juriquilla, Querétaro, | 2015 |

Reporte individual

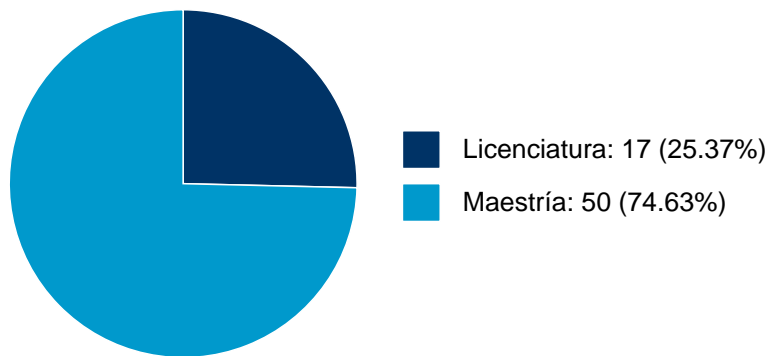
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|----|---|--------------------|---------------|------------------------------|---|------|
| 13 | Origen de la Isla Gorgona (Colombia) y su relación con el Plateau del Caribe | Tesis de Maestría | LUCA FERRARI, | Serrano Durán, Lina María, | Centro de Geociencias en Juriquilla, Querétaro, | 2009 |
| 14 | Estratigrafía, deformación y magmatismo de la región comprendida entre Huetamo y Zihuatanejo (Michoacán, Guerrero) : implicaciones para la evolución tectónica del Sur de México durante el cretácico y el terciario temprano | Tesis de Doctorado | LUCA FERRARI, | Martini Pop, Michelangelo, | Centro de Geociencias en Juriquilla, Querétaro, | 2008 |
| 15 | Evolucion del centro silicico de la Sierra de Nanchititla Edo. de Mexico y Michoacan | Tesis de Maestría | LUCA FERRARI, | Gonzalez Cervantes, Norma, | | 2007 |
| 16 | Deformación y magmatismo cretacico tardío - terciario temprano en la zona de la plataforma Guerrero Morelos | Tesis de Doctorado | LUCA FERRARI, | Cerca, Mariano, | | 2004 |
| 17 | Variaciones espacio-temporales de las características geoquímicas y tasas de efusion en la faja volcanica trans-mexicana occidental y central | Tesis de Maestría | LUCA FERRARI, | Norato Cortez, Tania Aleida, | | 2003 |

LUCA FERRARI

DOCENCIA IMPARTIDA

Histórico de docencia



| # | Nivel titulación | Asignatura | Entidad | Alumnos | Semestre |
|----|------------------|---|---|---------|----------|
| 1 | Licenciatura | RECURSOS ENERGETICOS Y NECES.MEXICO | ESCUELA NACIONAL DE ESTUDIOS SUPERIORES, UNIDAD JURIQUILLA, QRTO. | 19 | 2024-1 |
| 2 | Licenciatura | RECURSOS ENERGETICOS Y NECES.MEXICO | ESCUELA NACIONAL DE ESTUDIOS SUPERIORES, UNIDAD JURIQUILLA, QRTO. | 13 | 2023-1 |
| 3 | Licenciatura | RECURSOS ENERGETICOS Y NECES.MEXICO | ESCUELA NACIONAL DE ESTUDIOS SUPERIORES, UNIDAD JURIQUILLA, QRTO. | 1 | 2022-2 |
| 4 | Licenciatura | RECURSOS ENERGETICOS Y NECES.MEXICO | ESCUELA NACIONAL DE ESTUDIOS SUPERIORES, UNIDAD JURIQUILLA, QRTO. | 9 | 2022-1 |
| 5 | Maestría | TEMA SELECTO DE GEOLOGÍA RECURSOS ENERGÉTICOS | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2021-2 |
| 6 | Maestría | TEMA SELECTO DE GEOLOGÍA RECURSOS ENERGÉTICOS | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2021-1 |
| 7 | Maestría | TECTÓNICA DE PLACAS | Centro de Geociencias en Juriquilla, Querétaro | 3 | 2020-2 |
| 8 | Maestría | TECTÓNICA DE PLACAS | Instituto de Geología | 5 | 2020-2 |
| 9 | Maestría | ACTIVIDAD ACADÉMICA PARA LA OBTENCIÓN DEL GRADO | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2019-2 |
| 10 | Maestría | TECTÓNICA DE PLACAS | Centro de Geociencias en Juriquilla, Querétaro | 15 | 2019-2 |

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|----|--------------|---|--|----|--------|
| 11 | Licenciatura | TALLER INVES.CIENC.TIERRA SOLID.II | Facultad de Ciencias | 1 | 2019-2 |
| 12 | Maestría | TECTÓNICA DE PLACAS | Instituto de Geología | 8 | 2019-2 |
| 13 | Maestría | SEMINARIO DE INVESTIGACIÓN | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2019-1 |
| 14 | Licenciatura | TALLER INVES.CIENC.TIERRA SOLID.I | Facultad de Ciencias | 1 | 2019-1 |
| 15 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 7 | 2018-2 |
| 16 | Maestría | TECTONICA DE PLACAS | Centro de Geociencias en Juriquilla, Querétaro | 16 | 2018-2 |
| 17 | Maestría | ACTIVIDAD ACADEMICA PARA LA OBTENCION DEL GRADO | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2018-1 |
| 18 | Licenciatura | RECURSOS ENERGETICOS | Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán | 2 | 2018-1 |
| 19 | Licenciatura | RECURSOS ENERGETICOS | Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán | 6 | 2018-1 |
| 20 | Licenciatura | RECURSOS ENERGETICOS | Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán | 24 | 2018-1 |
| 21 | Maestría | TECTÓNICA DE PLACAS | Centro de Geociencias en Juriquilla, Querétaro | 13 | 2017-2 |
| 22 | Maestría | TECTÓNICA DE PLACAS | Instituto de Geología | 18 | 2017-2 |
| 23 | Maestría | ACTIVIDAD ACADÉMICA PARA LA OBTENCIÓN DEL GRADO | Centro de Geociencias en Juriquilla, Querétaro | 2 | 2017-2 |
| 24 | Maestría | SEMINARIO DE INVESTIGACIÓN | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2017-2 |
| 25 | Maestría | TEMA SELECTO DE GEOLOGIA-305811 | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2017-1 |
| 26 | Maestría | SEMINARIO DE INVESTIGACION-305990 | Centro de Geociencias en Juriquilla, Querétaro | 2 | 2017-1 |
| 27 | Maestría | ACTIVIDAD ACADEMICA PARA LA OBTENCION DEL GRADO-394106 | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2017-1 |
| 28 | Maestría | TEMA SELECTO DE GEOLOGIA | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2016-2 |
| 29 | Licenciatura | GEOLOGIA DE MEXICO | Facultad de Ciencias | 5 | 2016-2 |
| 30 | Maestría | SEMINARIO DE INVESTIGACION | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2016-2 |
| 31 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 15 | 2016-2 |
| 32 | Maestría | TECTONICA DE PLACAS | Centro de Geociencias en Juriquilla, Querétaro | 19 | 2016-2 |
| 33 | Maestría | TEMA SELECTO DE GEOLOGIA | Centro de Geociencias en Juriquilla, Querétaro | 6 | 2016-1 |
| 34 | Licenciatura | INTRODUC.A LA GEODINAMICA | Facultad de Ciencias | 16 | 2016-1 |

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|----|--------------|---|--|----|--------|
| 35 | Maestría | ACTIVIDAD ACADEMICA PARA LA OBTENCION DEL GRADO | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2015-2 |
| 36 | Licenciatura | TALLER INVES.CIENC.TIERRA SOLID.II | Facultad de Ciencias | 1 | 2015-2 |
| 37 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 1 | 2015-2 |
| 38 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 1 | 2015-1 |
| 39 | Licenciatura | TALLER INVES.CIENC.TIERRA SOLID.I | Facultad de Ciencias | 1 | 2015-1 |
| 40 | Licenciatura | TECTONICA | Facultad de Ingeniería | 26 | 2015-1 |
| 41 | Maestría | SEMINARIO DE INVESTIGACION | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2015-1 |
| 42 | Maestría | TECTONICA DE PLACAS | Instituto de Geología | 1 | 2014-2 |
| 43 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 2 | 2014-2 |
| 44 | Maestría | TECTONICA DE PLACAS | Centro de Geociencias en Juriquilla, Querétaro | 7 | 2014-2 |
| 45 | Licenciatura | TECTONICA | Facultad de Ingeniería | 35 | 2014-1 |
| 46 | Licenciatura | TECTONICA | Facultad de Ingeniería | 7 | 2013-2 |
| 47 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 1 | 2013-2 |
| 48 | Licenciatura | INTRODUC.A LA GEODINAMICA | Facultad de Ciencias | 42 | 2013-1 |
| 49 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 1 | 2012-1 |
| 50 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 7 | 2012-1 |
| 51 | Maestría | TECTONICA DE PLACAS | Instituto de Geología | 1 | 2012-1 |
| 52 | Maestría | TECTONICA DE PLACAS | Instituto de Geología | 1 | 2012-1 |
| 53 | Maestría | TECTONICA DE PLACAS | Centro de Geociencias en Juriquilla, Querétaro | 4 | 2012-1 |
| 54 | Maestría | TECTONICA DE PLACAS | Centro de Geociencias en Juriquilla, Querétaro | 7 | 2011-1 |
| 55 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 1 | 2011-1 |
| 56 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 1 | 2010-2 |
| 57 | Maestría | TECTONICA DE PLACAS | Instituto de Geología | 1 | 2010-2 |
| 58 | Maestría | TECTONICA DE PLACAS | Centro de Geociencias en Juriquilla, Querétaro | 8 | 2010-1 |
| 59 | Maestría | TECTONICA DE PLACAS | Instituto de Geología | 1 | 2010-1 |
| 60 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 5 | 2010-1 |
| 61 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 5 | 2009-1 |
| 62 | Maestría | TECTONICA DE PLACAS | Instituto de Geología | 4 | 2009-1 |
| 63 | Maestría | TECTONICA DE PLACAS | Centro de Geociencias en Juriquilla, Querétaro | 3 | 2009-1 |
| 64 | Maestría | SEMINARIO DE INVESTIGACION | Centro de Geociencias en Juriquilla, Querétaro | 1 | 2008-1 |
| 65 | Maestría | TECTONICA DE PLACAS | Instituto de Geología | 2 | 2008-1 |
| 66 | Maestría | TECTONICA DE PLACAS | Centro de Geociencias en Juriquilla, Querétaro | 4 | 2008-1 |
| 67 | Maestría | TECTONICA DE PLACAS | Instituto de Geofísica | 1 | 2008-1 |



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Reporte individual



LUCA FERRARI

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 | 2008-2024 |
| 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 |