



HARALD NORBERT BOHNEL

Datos Generales

Nombre: HARALD NORBERT BOHNEL

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 38 años

Nombramientos

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

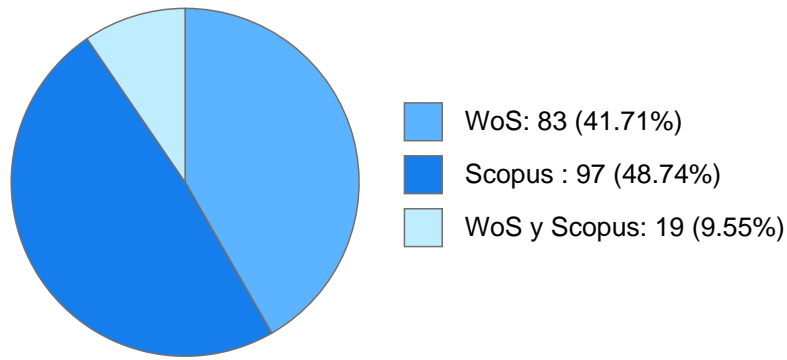
Estímulos, programas, premios y reconocimientos

SNI III - 2024
PRIDE D 2016 - 2024
PRIDE C - 2016

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Martensitic transformation and effects of thermal cycling in Ni50Mn33Al17 magnetic shape memory alloy	MARCOS ADRIAN EDUARDO CHAPARRO HARALD NORBERT BOHNEL D. Velazquez et al.	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2025
2	A moss species for magnetic biomonitoring the airborne particle pollution;	MARCOS ADRIAN EDUARDO CHAPARRO HARALD NORBERT BOHNEL Marié D.C. et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2024
3	Urban and suburban's airborne magnetic particles accumulated on Tillandsia capillaris	MARCOS ADRIAN EDUARDO CHAPARRO HARALD NORBERT BOHNEL Daniela Buitrago Posada et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2024
4	Radiocarbon dating, magnitude, and catastrophic impact of Popocatepetl's Terminal Preclassic ?Lorenzo pumice? Plinian eruption and paleomagnetic age constraints on the Nealtican lava flow field (central Mexico)	CLAUS SIEBE GRABACH ISRAEL RAMIREZ URIBE JOSE LUIS MACIAS VAZQUEZ et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2024
5	Effects of thermomagnetic treatments on the magnetism of Cu-Al-Mn alloys	HARALD NORBERT BOHNEL Diego Velazquez Marcos A. E. Chaparro et al.	Mrs Advances	2024

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6	LAPOD, Latin-American paleomagnetic online database: An online interface to access paleomagnetic data from Latin America	ALEJANDRO RODRIGUEZ TREJO HARALD NORBERT BOHNEL HECTOR ENRIQUE IBARRA ORTEGA	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2024
7	Air Quality Monitoring with Low-Cost Sensors: A Record of the Increase of PM _{2.5} during Christmas and New Year's Eve Celebrations in the City of Queretaro, Mexico	ALEJANDRO RODRIGUEZ TREJO HARALD NORBERT BOHNEL HECTOR ENRIQUE IBARRA ORTEGA et al.	ATMOSPHERE	2024
8	Nano to micron-size combustion particles in smokers' homes: Magnetic properties of tobacco and cigarette ashes	MARCOS ADRIAN EDUARDO CHAPARRO ALEJANDRO RODRIGUEZ TREJO HECTOR ENRIQUE IBARRA ORTEGA et al.	ENVIRONMENTA L POLLUTION	2024
9	Green Ultrasound-Assisted Synthesis of Surface-Decorated Nanoparticles of Fe ₃ O ₄ with Au and Ag: Study of the Antifungal and Antibacterial Activity	ALVARO DE JESUS RUIZ BALTAZAR HARALD NORBERT BOHNEL Daniel Larranaga Ordaz et al.	Journal of Functional Biomaterials	2023
10	Structural Characterization of Mexican Zeolite Doped with Silver Nanoparticles Obtained by Green Routes	ALVARO DE JESUS RUIZ BALTAZAR HARALD NORBERT BOHNEL Ordaz D.L. et al.	MICROSCOPY AND MICROANALYSIS	2023
11	Paleoenvironmental study of the Late Preclassic period in the Northern Mesoamerican Frontier	HARALD NORBERT BOHNEL Kurt H. H. Wogau Benjamin Keenan et al.	Holocene	2023
12	Biocompatibility Evaluation of TiO ₂ , Fe ₃ O ₄ , and TiO ₂ /Fe ₃ O ₄ Nanomaterials: Insights into Potential Toxic Effects in Erythrocytes and HepG2 Cells	HARALD NORBERT BOHNEL Paramo L. Jiménez-Chávez A. et al.	NANOMATERIAL S	2023
13	Apparent undisturbed paleoposition of mid-Cretaceous plutons emplaced across a Jurassic island arc segment in the southernmost part of the Peninsular Ranges batholith, Baja California, Mexico	HARALD NORBERT BOHNEL Gómez-Alvarez D.K. Delgado-Argote L.A. et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2022
14	Paleoenvironmental conditions during the Medieval Climatic Anomaly, the Little Ice Age and social impacts in the Oriental Mesoamerican region	HARALD NORBERT BOHNEL Wogau K.H. Hoelzmann P. et al.	QUATERNARY SCIENCE REVIEWS	2022

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15	Comment on Garcia et al. (2021) Semicontinuous paleomagnetic record of the last 1 Ma from radiometrically dated igneous rocks (Trans-Mexican Volcanic Belt and surrounding areas) https://doi.org/10.1016/j.jsames.2021.103195	HARALD NORBERT BOHNEL ALEJANDRO RODRIGUEZ TREJO	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2022
16	Environmental magnetism study during the Mid-Late Holocene transition and its cultural implications in Mesoamerica	HARALD NORBERT BOHNEL ROBERTO STANLEY MOLINA GARZA Wogau K.H. et al.	Quaternary International	2021
17	Magnetic Biomonitoring Using Native Lichens: Spatial Distribution of Traffic-Derived Particles	HARALD NORBERT BOHNEL Rocio Q. Gomez Marcos A. E. Chaparro et al.	WATER AIR AND SOIL POLLUTION	2021
18	Magnetic monitoring of anthropogenic pollution in Antarctic soils (Marambio Station) and the spatial-temporal changes over a decade	HARALD NORBERT BOHNEL Jose D. Gargiulo Marcos A. E. Chaparro et al.	Catena	2021
19	Bursera fagaroides bark as a bioindicator for air particle pollution using magnetic properties	HARALD NORBERT BOHNEL ADOLFO PACHECO CASTRO Ana G. Castaneda-Miranda et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2021
20	Magnetic parameters as proxies for anthropogenic pollution in water reservoir sediments from Mexico: An interdisciplinary approach	HARALD NORBERT BOHNEL Chaparro M.A.E. Ramírez-Ramírez M. et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2020
21	Spinodal decomposition, chemical and magnetic ordering in Cu ₂ Al ₂ Mn shape memory alloys	HARALD NORBERT BOHNEL Velázquez D. Chaparro M.A.E. et al.	MATERIALS CHEMISTRY AND PHYSICS	2020
22	Iron oxide mineralogy in Mollisols, Aridisols and Entisols from southwestern Pampean region (Argentina) by environmental magnetism approach	HARALD NORBERT BOHNEL Chaparro M.A.E. Moralejo M.D.P. et al.	Catena	2020
23	Fine air pollution particles trapped by street tree barks: In situ magnetic biomonitoring	HARALD NORBERT BOHNEL Chaparro M.A.E. Castañeda-Miranda A.G. et al.	ENVIRONMENTA L POLLUTION	2020
24	Paleomagnetism of a late Neoproterozoic mafic-ultramafic layered intrusion of Gebel Dahanib, South Eastern Desert (Egypt): Implications for magma evolution and timing of magnetization acquisition	LUIS MANUEL ALVA VALDIVIA HARALD NORBERT BOHNEL Abu El-Ela F.F. et al.	JOURNAL OF AFRICAN EARTH SCIENCES	2020

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25	Late-Quaternary secular variation data from Mexican volcanoes	EDGAR JUAREZ ARRIAGA HARALD NORBERT BOHNEL CLAUS SIEBE GRABACH et al.	EARTH AND PLANETARY SCIENCE LETTERS	2019
26	Late Holocene Climate Change in Central Mexico and the Decline of Teotihuacan	HARALD NORBERT BOHNEL Park J. Byrne R.	Annals of the American Association of Geographers	2019
27	The similar to AD 500–700 (Late Classic) El Astillero and El Pedregal volcanoes (Michoacan, Mexico): a new monogenetic cluster in the making?	PATRICIA LARREA MARQUEZ CLAUS SIEBE GRABACH EDGAR JUAREZ ARRIAGA et al.	BULLETIN OF VOLCANOLOGY	2019
28	Refined 3600?years palaeointensity curve for Mexico	ERICK JUAREZ ARRIAGA HARALD NORBERT BOHNEL LINDA ROSA MANZANILLA NAIM et al.	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	2019
29	High resolution paleoclimate and paleoenvironmental reconstruction in the Northern Mesoamerican Frontier for Prehistory to Historical times	HARALD NORBERT BOHNEL Wogau K.H. Arz H.W. et al.	QUATERNARY SCIENCE REVIEWS	2019
30	Ceboruco hazard map: Part i – Definition of hazard scenarios based on the eruptive history	MARIA DOLORS FERRER LOPEZ CLAUS SIEBE GRABACH LUCIA CAPRA PEDOL et al.	Journal of Applied Volcanology	2019
31	Atmospheric pollution assessed by in situ measurement of magnetic susceptibility on lichens	HARALD NORBERT BOHNEL Marié D.C. Chaparro M.A.E. et al.	ECOLOGICAL INDICATORS	2018
32	Paleomagnetism of Holocene lava flows from Los Humeros caldera, eastern Mexico: Discrimination of volcanic eruptions and their age dating	EDGAR JUAREZ ARRIAGA HARALD NORBERT BOHNEL GERARDO CARRASCO NUÑEZ et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2018
33	Relative palaeointensity and reservoir effect on Lake Esmeralda, Antarctica	HARALD NORBERT BOHNEL Irurzun, M.A. Chaparro, M.A.E. et al.	ANTARCTIC SCIENCE	2017
34	Sedimentary analysis and magnetic properties of Lake Anónima, Vega Island	HARALD NORBERT BOHNEL Chaparro, M.A.E. Chaparro, M.A.E. et al.	ANTARCTIC SCIENCE	2017
35	The combined influence of Pacific decadal oscillation and Atlantic multidecadal oscillation on central Mexico since the early 1600s	HARALD NORBERT BOHNEL Park, Jungjae Byrne, Roger	EARTH AND PLANETARY SCIENCE LETTERS	2017

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36	Paleomagnetic study of El Metate shield volcano (Michoacan, Mexico) confirms its monogenetic nature and young age (similar to 1250 CE)	HARALD NORBERT BOHNEL CLAUS SIEBE GRABACH Mahgoub, Ahmed Nasser et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2017
37	Paleomagnetically inferred ages of a cluster of Holocene monogenetic eruptions in the Tacambaro-Puruaran area (Michoacan, Mexico): Implications for volcanic hazards	HARALD NORBERT BOHNEL CLAUS SIEBE GRABACH SERGIO SALINAS SANCHEZ et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2017
38	Palaeomagnetic assessment of plutons from the southern Peninsular Ranges batholith and the Jurassic Vizcaíno igneous suites, Baja California, México	HARALD NORBERT BOHNEL ROBERTO STANLEY MOLINA GARZA Torres-Carrillo, Xochitl G. et al.	INTERNATIONAL GEOLOGY REVIEW	2016
39	Hydrological systems from the Antarctic Peninsula under climate change: James Ross archipelago as study case	HARALD NORBERT BOHNEL Lecomte K.L. A. Vignoni P. et al.	ENVIRONMENTAL EARTH SCIENCES	2016
40	Magnetic mapping of air pollution in Tandil city (Argentina) using the lichen Parmotrema pilosum as biomonitor	HARALD NORBERT BOHNEL Marié D.C. Chaparro M.A.E. et al.	ATMOSPHERIC POLLUTION RESEARCH	2016
41	Palaeomagnetic dating of two recent lava flows from Ceboruco volcano, western Mexico	HARALD NORBERT BOHNEL Javier Pavon-Carrasco, Francisco Sieron, Katrin et al.	GEOPHYSICAL JOURNAL INTERNATIONAL	2016
42	Cultural implications of late Holocene climate change in the Cuenca Oriental, Mexico	HARALD NORBERT BOHNEL Kurt Wogau Bhattacharya, Tripti et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2015
43	An interval fuzzy model for magnetic biomonitoring using the specie Tillandsia recurvata L	A. G. Castaneda Miranda HARALD NORBERT BOHNEL Chaparro A E, Mauro A. E. et al.	ECOLOGICAL INDICATORS	2015
44	Paleomagnetism of the Miocene Jantetelco Granodiorites and Tepexco Volcanic Group and inferences for crustal block rotations in central Mexico - Reevaluation	HARALD NORBERT BOHNEL Duarte A.V. Yutsis V.	Tectonophysics	2015

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45	El uso de parámetros magnéticos en estudios paleolimnológicos en Antártida	HARALD NORBERT BOHNEL Chaparro M.A.E. Gargiulo J.D. et al.	Latin American Journal of Sedimentology and Basin Analysis	2014
46	A paleomagnetic transect of the mid-Cretaceous Peninsular Ranges batholith, Baja California, Mexico	ROBERTO STANLEY MOLINA GARZA HARALD NORBERT BOHNEL Delgado-Argote L.A. et al.	Geological Society of America Memoir	2014
47	Magnetic evaluation of TSP-filters for air quality monitoring	Ana Gabriela Castaneda Miranda HARALD NORBERT BOHNEL ROBERTO STANLEY MOLINA GARZA et al.	ATMOSPHERIC ENVIRONMENT	2014
48	Paleocurrent direction measurements in a volcanic setting by means of anisotropy of magnetic susceptibility: A case study from the Lower Miocene Tepoztlán Formation (Transmexican Volcanic Belt, Central Mexico)	HARALD NORBERT BOHNEL Lenhardt, Nils Hinderer, Matthias et al.	SEDIMENTARY GEOLOGY	2013
49	Sensitivity of a hypersaline crater lake to the seasonality of rainfall, evaporation, and guano supply	HARALD NORBERT BOHNEL Kienel, Ulrike Plessen, Birgit et al.	FUNDAMENTAL AND APPLIED LIMNOLOGY	2013
50	Evidence for geomagnetic excursions recorded in Brunhes and Matuyama Chron lavas from the trans-Mexican volcanic belt	HARALD NORBERT BOHNEL GERARDO DE JESUS AGUIRRE DIAZ Michalk, Daniel M. et al.	Journal Of Geophysical Research-Solid Earth	2013
51	Build-up and depositional dynamics of an arc front volcanoclastic complex: the Miocene Tepoztlan Formation (Transmexican Volcanic Belt, Central Mexico)	HARALD NORBERT BOHNEL IGNACIO SALVADOR TORRES ALVARADO Lenhardt, Nils et al.	Sedimentology	2011
52	Holocene climate change and human impact, central Mexico: a record based on maar lake pollen and sediment chemistry	HARALD NORBERT BOHNEL ROBERTO STANLEY MOLINA GARZA Park, Jungjae et al.	QUATERNARY SCIENCE REVIEWS	2010
53	Application of the multispecimen palaeointensity method to Pleistocene lava flows from the Trans-Mexican Volcanic Belt	HARALD NORBERT BOHNEL Michalk, Daniel M. Biggin, Andrew J. et al.	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	2010
54	Dating of the Valsequillo volcanic deposits: Resolution of an ongoing archaeological controversy in Central Mexico	HARALD NORBERT BOHNEL Mark, Darren F. Gonzalez, Silvia et al.	J HUM EVOL	2010

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55	Petrology, magnetostratigraphy and geochronology of the Miocene volcanoclastic Tepoztlán Formation: implications for the initiation of the Transmexican Volcanic Belt (Central Me	HARALD NORBERT BOHNEL IGNACIO SALVADOR TORRES ALVARADO Lenhardt, Nils et al.	BULLETIN OF VOLCANOLOGY	2010
56	Comparison between the microwave and multispecimen parallel difference pTRM paleointensity methods	HARALD NORBERT BOHNEL Dekkers, Mark J. Delgado-Argote, Luis A. et al.	GEOPHYSICAL JOURNAL INTERNATIONAL	2009
57	The use of mini-samples in palaeomagnetism	HARALD NORBERT BOHNEL Gildardo Gonzalez Naranjo Michalk, Daniel et al.	GEOPHYSICAL JOURNAL INTERNATIONAL	2009
58	First lacustrine varve chronologies from Mexico: impact of droughts, ENSO and human activity since AD 1840 as recorded in maar sediments from Valle de Santiago	HARALD NORBERT BOHNEL Kienel, Ulrike Bowen, Sabine Wulf et al.	JOURNAL OF PALEOLIMNOLOGY	2009
59	Comment on A.J. Biggin et al., A comparison of a quasi-perpendicular method of absolute palaeointensity determination with other thermal and microwave techniques, Earth and Plan	HARALD NORBERT BOHNEL Walton, Derek	EARTH AND PLANETARY SCIENCE LETTERS	2008
60	Evaluation of the multispecimen parallel differential pTRM method: a test on historical lavas from Iceland and Mexico	HARALD NORBERT BOHNEL Michalk, Daniel M. Muxworthy, Adrian R. et al.	GEOPHYSICAL JOURNAL INTERNATIONAL	2008
61	The microwave frequency method	HARALD NORBERT BOHNEL Walton, Derek	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	2008
62	Palaeomagnetic secular variation and rock-magnetic studies of Holocene sediments from a maar lake (Hoya de San Nicolas) in Central Mexico	Marcos A. E. Chaparro HARALD NORBERT BOHNEL ROBERTO STANLEY MOLINA GARZA et al.	GEOPHYSICAL JOURNAL INTERNATIONAL	2008
63	Reliable absolute palaeointensities independent of magnetic domain state	HARALD NORBERT BOHNEL Dekkers M.J.	EARTH AND PLANETARY SCIENCE LETTERS	2006
64	Geology and paleomagnetism of El Potrero pluton, Baja California: Understanding criteria for timing of deformation and evidence of pluton tilt during batholith growth	HARALD NORBERT BOHNEL Chávez Cabello G. Molina Garza R. et al.	Tectonophysics	2006

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65	Paleosecular variation and time-averaged field recorded in late Pliocene-Holocene lava flows from Mexico	HARALD NORBERT BOHNEL MARIA AMABEL ORTEGA RIVERA JOSE JORGE ARANDA GOMEZ et al.	GEOCHEMISTRY GEOPHYSICS GEOSYSTEMS	2005
66	Response of magnetic nanoparticles to microwaves	HARALD NORBERT BOHNEL Walton D. Dunlop D.J.	APPLIED PHYSICS LETTERS	2004
67	2d order ferromagnetic resonance in nanoparticles	HARALD NORBERT BOHNEL Walton D. Dunlop D.J.	PHYS STATUS SOLIDI A	2004
68	Paleomagnetic study of Deception Island, South Shetland Islands, Antarctica	HARALD NORBERT BOHNEL Baraldo A. Rapalini A.E. et al.	GEOPHYSICAL JOURNAL INTERNATIONAL	2003
69	How many paleointensity determinations are required from a single lava flow to constitute a reliable average?	HARALD NORBERT BOHNEL FRANCISCO RAMON ZUÑIGA DAVILA MADRID Biggin A.J.	GEOPHYSICAL RESEARCH LETTERS	2003
70	Environmental magnetism in fluvial and loessic Holocene sediments and paleosols from the Chacopampean plain (Argentina)	HARALD NORBERT BOHNEL Orgeira M.J. Walther A.M. et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2003
71	Microwave palaeointensities from a recent Mexican lava flow, baked sediments and reheated pottery	HARALD NORBERT BOHNEL Biggin A.J. Walton D. et al.	EARTH AND PLANETARY SCIENCE LETTERS	2003
72	A method to reduce the curvature of Arai plots produced during Thellier palaeointensity experiments performed on multidomain grains	HARALD NORBERT BOHNEL Biggin A.J.	GEOPHYSICAL JOURNAL INTERNATIONAL	2003
73	Paleomagnetism of the Cretaceous Morelos and Mezcala Formations, southern Mexico	ROBERTO STANLEY MOLINA GARZA HARALD NORBERT BOHNEL FERNANDO TEODORO HERNANDEZ GROVAS	Tectonophysics	2003
74	Environmental magnetism of a paleosoil in the Lujan Formation (Luján, Buenos Aires Province), comparison with other areas in the province and palaeoclimatic considerations [Magnetismo ambiental en un paleosuelo desarrollado en la Formación	HARALD NORBERT BOHNEL Orgeira M.J. Walther A.M. et al.	Revista de la Asociacion Geologica Argentina	2002
75	A parameter characterising the irreversibility of thermomagnetic curves	HARALD NORBERT BOHNEL McIntosh G. Sherwood G.	PHYSICS AND CHEMISTRY OF THE EARTH	2002

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76	Discordant paleomagnetic data for middle-Cretaceous intrusive rocks from northern Baja California: Latitude displacement, tilt, or vertical axis rotation?	HARALD NORBERT BOHNEL Delgado-Argote L.A. Kimbrough D.L.	Tectonics	2002
77	Secular variation in Mexico during the last 40,000 years	HARALD NORBERT BOHNEL Molina-Garza R.	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	2002
78	Pre-Miocene palaeogeography of the Los Cabos Block, Baja California Sur: Geochronological and palaeomagnetic constraints	PETER ERNST GEORG SCHAAF HARALD NORBERT BOHNEL Pérez-Venzor J.A.	Tectonophysics	2000
79	Paleomagnetic data from northern Baja California (Mexico): Results from the Cretaceous San Telmo batholith	HARALD NORBERT BOHNEL Delgado-Argote L.	Geological Society of America Special Papers	2000
80	Paleomagnetic study of Jurassic and Cretaceous rocks from the Mixteca terrane (Mexico)	HARALD NORBERT BOHNEL	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	1999
81	Precision of the paleomagnetic method: An example from the Quaternary Eifel volcanics (Germany)	HARALD NORBERT BOHNEL Schnepf E.	EARTH PLANETS AND SPACE	1999
82	Preliminary results from rock magnetic analyses of quaternary and tertiary basalts from the gulf coast of Mexico	HARALD NORBERT BOHNEL Pollard J.-P.J. Sherwood G.J.	GEOLOGICA CARPATHICA	1998
83	Variation of rock magnetic parameters and paleointensities over a single holocene lava flow	HARALD NORBERT BOHNEL CECILIA IRENE CABALLERO MIRANDA Alva L. et al.	EARTH PLANETS AND SPACE	1997
84	Palaeosecular variation in Central Mexico over the last 30 000 years: The record from lavas	HARALD NORBERT BOHNEL Gonzalez S. Sherwood G. et al.	GEOPHYSICAL JOURNAL INTERNATIONAL	1997
85	Variation of rock magnetic parameters and paleointensities over a single holocene lava flow	HARALD NORBERT BOHNEL CECILIA IRENE CABALLERO MIRANDA Alva L. et al.	J GEOMAGN GEOELECTR	1997
86	Magnetic properties and domain state of titanomagnetites in a columnar basalt from Mexico	JAIME HUMBERTO URRUTIA FUCUGAUCHI HARALD NORBERT BOHNEL Negendank J.F.W.	Journal Of Of Geomagnetism & Geoelectricity	1991

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87	Aeromagnetic anomalies and paleomagnetism in Jalisco and Michoacan, southern Mexico continental margin	LUIS MANUEL ALVA VALDIVIA JAIME HUMBERTO URRUTIA FUCUGAUCHI HARALD NORBERT BOHNEL et al.	Tectonophysics	1991
88	Palaeomagnetic results from the southern Sierra Madre Oriental, Mexico: evidence for Early Cretaceous or Laramide remagnetization?	HARALD NORBERT BOHNEL Gose W.A. Testarmata M.M. et al.	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	1990
89	Palaeomagnetic data from central Mexico and their use for palaeosecular variation studies	HARALD NORBERT BOHNEL JAIME HUMBERTO URRUTIA FUCUGAUCHI Herrero-Bervera E.	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	1990
90	Paleogeography of the northern portion of the Mixteca terrain, southern Mexico, during the Middle Jurassic	DANTE JAIME MORAN ZENTENO JAIME HUMBERTO URRUTIA FUCUGAUCHI GILBERTO SILVA ROMO et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	1990
91	Magnetostratigraphy of a Middle Jurassic red bed sequence from southern Mexico	JAIME HUMBERTO URRUTIA FUCUGAUCHI HARALD NORBERT BOHNEL Valencio D.A.	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	1990
92	Variation of magnetic properties and oxidation state of titanomagnetites within selected alkali-basalt lava flows of Eifel- Area, Germany.	HARALD NORBERT BOHNEL Herzog M. Kohnen H. et al.	Journal Of Geophysics - Zeitschrift Fur Geophysik	1988
93	Palaeomagnetism of the Puerto Vallarta intrusive complex and the accretion of the Guerrero terrain, Mexico	HARALD NORBERT BOHNEL Negendank J.F.W.	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	1988
94	Tectonics along the Trans-Mexican volcanic belt according to palaeomagnetic data	JAIME HUMBERTO URRUTIA FUCUGAUCHI HARALD NORBERT BOHNEL	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	1988
95	Tectonic interpretation of the Trans-Mexican volcanic belt-discussion	JAIME HUMBERTO URRUTIA FUCUGAUCHI HARALD NORBERT BOHNEL	Tectonophysics	1987
96	Der Ostteil des Transmexikanischen Vulkangürtels und seine Position im Gesamtgürtel	HARALD NORBERT BOHNEL Negendank J.F.W. Emmermann R. et al.	SCIENCE OF NATURE	1982
97	Palaeomagnetism of Quaternary volcanics of the east Eifel, Germany.	HARALD NORBERT BOHNEL Kohnen H. Negendank J. et al.	Journal Of Geophysics - Zeitschrift Fur Geophysik	1982



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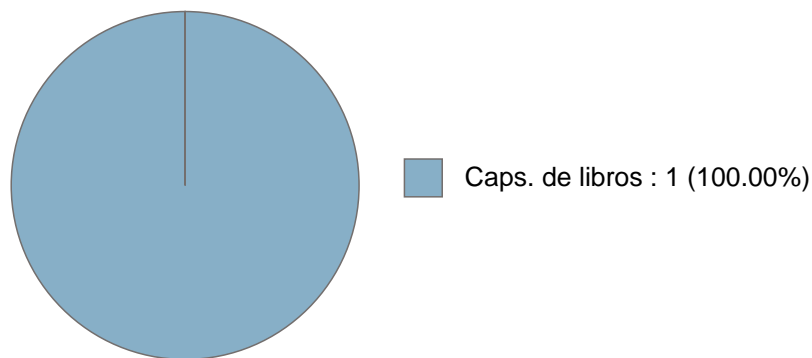
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98	Magnetic nanoparticle behavior evaluation on cardiac tissue contractility through Langendorff rat heart technique as a nanotoxicology parameter	HARALD NORBERT BOHNEL Vargas-Ortíz J.R. Gonzalez C. et al.	Applied Nanoscience
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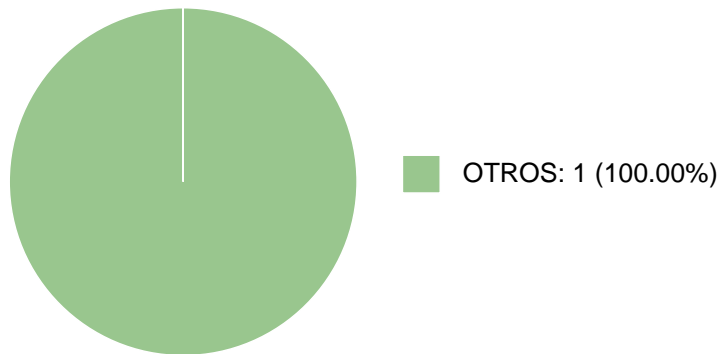


#	Título	Autores	Alcance	Año	ISBN
1	Paleomagnetic dating	HARALD NORBERT BOHNEL	Capítulo de un Libro	2019	9781108290135

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

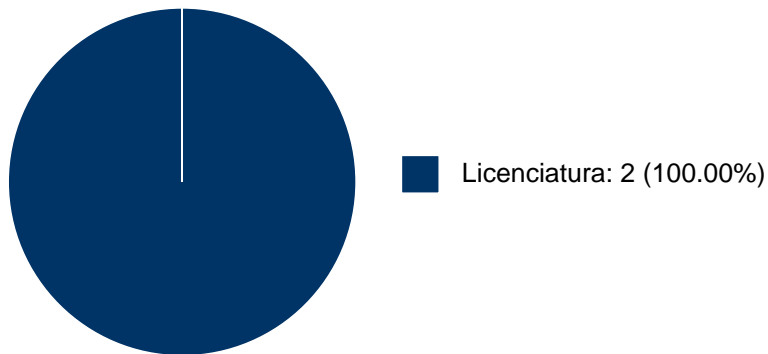


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Evolución y relaciones tectónicas entre los sistemas de arco magnéticos Alisitos y Guerrero: evaluación estratigrafía, petrológica y geofísica.	HARALD NORBERT BOHNEL	Recursos CONAHCyT	02-01-2023	05-06-2024

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis

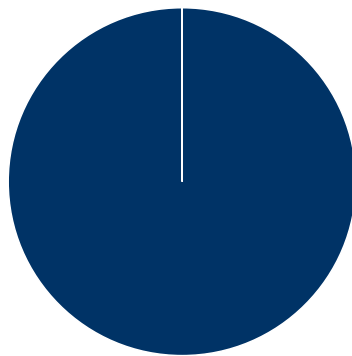


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Biomonitoreo de partículas magnéticas en corteza de árboles de la Ciudad de Querétaro	Tesis de Licenciatura	HARALD NORBERT BOHNEL,	Lugo Martínez, Gabriela Vianney,	Centro de Geociencias en Juriquilla, Querétaro,	2022
2	"Estudio paleomagnético de volcanes monogenéticos y flujos de lava de la Cuenca de Serdán-Oriental, Puebla	Tesis de Licenciatura	HARALD NORBERT BOHNEL,	Hernández Díaz, Laura Fabiola,	Centro de Geociencias en Juriquilla, Querétaro,	2021

HARALD NORBERT BOHNEL

DOCENCIA IMPARTIDA

Histórico de docencia



■ Licenciatura: 7 (100.00%)

#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	TALLER D INVEST.CIENC.AMBIENTALES I	ESCUELA NACIONAL DE ESTUDIOS SUPERIORES, UNIDAD JURQUILLA, QRTO.	1	2023-2
2	Licenciatura	TALLER INVEST.CIENC.TIERRA SOLIDA I	ESCUELA NACIONAL DE ESTUDIOS SUPERIORES, UNIDAD JURQUILLA, QRTO.	2	2023-2
3	Licenciatura	TALLER D INVEST.CIENC.AMBIENTALES I	ESCUELA NACIONAL DE ESTUDIOS SUPERIORES, UNIDAD JURQUILLA, QRTO.	1	2023-1
4	Licenciatura	TALLER INVEST.CIENC.TIERRA SOLIDA I	ESCUELA NACIONAL DE ESTUDIOS SUPERIORES, UNIDAD JURQUILLA, QRTO.	2	2023-1
5	Licenciatura	TALLER INVES.CIENC.TIERRA SOLID.II	Facultad de Ciencias	2	2019-2
6	Licenciatura	TALLER INVES.CIENC.TIERRA SOLID.I	Facultad de Ciencias	2	2019-1
7	Licenciatura	FISICA DEL INTERIOR DE LA TIERRA	Facultad de Ciencias	6	2014-1



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



HARALD NORBERT BOHNEL

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