



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



CARLOS MIGUEL VALDES GONZALEZ

Datos Generales

Nombre: CARLOS MIGUEL VALDES GONZALEZ

Máximo nivel de estudios: POSDOCTORADO

Antigüedad académica en la UNAM: 31 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Geofísica
Desde 01-02-2012

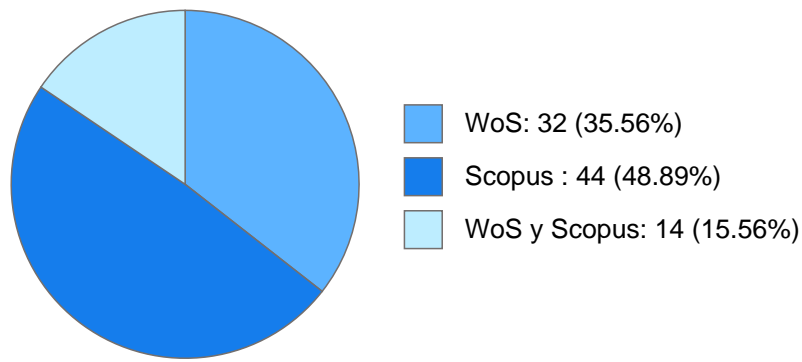
Estímulos, programas, premios y reconocimientos

SNI II 2023 - 2024
SNI I 2020 - 2022
SNI II - 2019
PRIDE C 2014 - 2024
PRIDE Fijo 2014
PRIDE C 2014
PRIDE Fijo 2014
PRIDE C 2013
PRIDE D - 2013
PRIDE C 2008

CARLOS MIGUEL VALDES GONZALEZ

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Unique seismic and eruption precursors to the 1996 and ongoing magmatic eruptions of Popocatépetl: Coupled and fluidized bed events	GEMA VICTORIA CABALLERO JIMENEZ CARLOS MIGUEL VALDES GONZALEZ ANGEL GOMEZ VAZQUEZ et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2024
2	Statistical earthquake characterization from relocated seismicity at Volcan de Fuego, Colima Western Mexico	FRANCISCO RAMON ZUÑIGA DAVILA MADRID CARLOS MIGUEL VALDES GONZALEZ Rodríguez-Pérez Q.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2022
3	Response of the Mexican National Seismological Service to Significant Earthquakes, under Normal and COVID-19 Pandemic Circumstances	XYOLI PEREZ CAMPOS VICTOR HUGO ESPINDOLA CASTRO CARIDAD CARDENAS MONROY et al.	Seismological Research Letters	2021
4	Spatial and temporal b-value characterization at Popocatépetl volcano, Central Mexico	QUETZALCOATL RODRIGUEZ PEREZ FRANCISCO RAMON ZUÑIGA DAVILA MADRID CARLOS MIGUEL VALDES GONZALEZ et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2021

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5	Challenges in Responding to a Sustained, Continuing Volcanic Crisis: The Case of Popocatepetl Volcano, Mexico, 1994–Present	SERVANDO DE LA CRUZ REYNA CARLOS MIGUEL VALDES GONZALEZ Tilling R.I.	Advances In Volcanology	2018
6	The Broadband Seismological Network of Veracruz, Mexico: Toward a Regional Seismotectonic Interpretation	ARTURO IGLESIAS MENDOZA XYOLI PEREZ CAMPOS CARLOS MIGUEL VALDES GONZALEZ et al.	Seismological Research Letters	2018
7	Initial processing of volcanic seismic signals using Hidden Markov Models: Nevado del Huila, Colombia	CARLOS MIGUEL VALDES GONZALEZ Trujillo–Castrillón N. Arámbula–Mendoza R. et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2018
8	Tremor and its duration-amplitude distribution at Popocatepetl volcano, Mexico	CARLOS MIGUEL VALDES GONZALEZ Arambula–Mendoza, R. Varley, N. et al.	GEOPHYSICAL RESEARCH LETTERS	2016
9	Comparison of the Seismicity Before and After the 1982 El Chichon Eruption	DENIS XAVIER FRANCOIS LEGRAND CARLOS MIGUEL VALDES GONZALEZ SHRI KRISHNA SINGH SINGH et al.	Active Volcanos Of The World	2015
10	On the behavior of site effects in central Mexico (the Mexican volcanic belt – MVB), based on records of shallow earthquakes that occurred in the zone between 1998 and 2011	FRANCISCO RAMON ZUÑIGA DAVILA MADRID J. Lermo A. Figueroa Soto et al.	NATURAL HAZARDS AND EARTH SYSTEM SCIENCES	2014
11	Seismic activity in the Gulf of Mexico. A preliminary analysis	SARA IVONNE FRANCO SANCHEZ CARLOS CANET MIQUEL ARTURO IGLESIAS MENDOZA et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2013
12	Experimental studies of anomalous radon activity in the Tlamacas Mountain, Popocatepetl Volcano area, Mexico: new tools to study lithosphere–atmosphere coupling for forecasting	ANATOLIY KOTSARENKO Ana Gabriela Bravo Osuna HECTOR ROMAN PEREZ ENRIQUEZ et al.	ANNALS OF GEOPHYSICS	2012
13	Seismic characterization of station LNIG as a reference site in Northeast Mexico	XYOLI PEREZ CAMPOS CARLOS MIGUEL VALDES GONZALEZ Ramos–Zuñiga L.G. et al.	GEOFISICA INTERNACIONAL	2012
14	The 3 August 2009 M–w 6.9 Canal de Ballenas Region, Gulf of California, Earthquake and Its Aftershocks	CARLOS MIGUEL VALDES GONZALEZ Castro, Raul R. Shearer, Peter et al.	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	2011
15	New locations of volcano–tectonic earthquakes under Popocatepetl Volcano applying a Genetic Search Algorithm	Pia Berger CARLOS MIGUEL VALDES GONZALEZ Pichardo, FAN et al.	GEOFISICA INTERNACIONAL	2011

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16	Seismic activity that accompanied the effusive and explosive eruptions during the 2004-2005 period at Volcan de Colima, Mexico	R. Arambula Mendoza CARLOS MIGUEL VALDES GONZALEZ Lesage, P. et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2011
17	Generation of isoseismal maps for Mexico using velocity and acceleration data	Lenin Avila Barrientos CARLOS MIGUEL VALDES GONZALEZ DAVID ALBERTO NOVELO CASANOVA	NATURAL HAZARDS	2011
18	S wave velocity structure below central Mexico using high-resolution surface wave tomography	ARTURO IGLESIAS MENDOZA XYOLI PEREZ CAMPOS SHRI KRISHNA SINGH SINGH et al.	Journal Of Geophysical Research	2010
19	Temporal and spatial variation of the stress state of Popocatepetl Volcano, Mexico	R. Arambula Mendoza CARLOS MIGUEL VALDES GONZALEZ Martinez-Bringas, A.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2010
20	Low-cost accelerograph units as earthquake alert devices for Mexico City: how well would they work?	D. Garcia SHRI KRISHNA SINGH SINGH ARTURO IGLESIAS MENDOZA et al.	GEOFISICA INTERNACIONAL	2009
21	Crustal structure below Popocatepetl Volcano (Mexico) from analysis of Rayleigh waves	CARLOS MIGUEL VALDES GONZALEZ Philippe Lesage De Barros, Louis et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2008
22	Seismic pattern recognition techniques to predict large eruptions at the Popocatepetl, Mexico, volcano	DAVID ALBERTO NOVELO CASANOVA CARLOS MIGUEL VALDES GONZALEZ	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2008
23	Geomagnetic anomalies observed at volcano Popocatepetl, Mexico	ANATOLIY KOTSARENKO HECTOR ROMAN PEREZ ENRIQUEZ JOSE LOPEZ CRUZ ABEYRO et al.	Advances in Geosciences	2008
24	Volcano Popocatepetl, Mexico: ULF geomagnetic anomalies observed at Tlamacas station during March-July, 2005	ANATOLIY KOTSARENKO HECTOR ROMAN PEREZ ENRIQUEZ CARLOS MIGUEL VALDES GONZALEZ et al.	NATURAL HAZARDS AND EARTH SYSTEM SCIENCES	2007
25	A numerical model for the mechanical behavior of Popocatépetl volcano (Central Mexico)	DAVID ALBERTO NOVELO CASANOVA CARLOS MIGUEL VALDES GONZALEZ Ramírez-Olvera G.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2007

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26	Three years of passive seismic monitoring at the Los Azufres geothermal field, Mich., Mexico [Tres años de monitoreo sísmico pasivo en el campo geotérmico de Los Azufres, Mich., México]	CARLOS MIGUEL VALDES GONZALEZ Pérez Esquivias H.	Geotermia	2007
27	A report on the Atoyac, Mexico, Earthquake of 13 April 2007 (Mw 5.9)	SHRI KRISHNA SINGH SINGH MARIO GUSTAVO ORDAZ SCHROEDER LEONARDO ALCANTARA NOLASCO et al.	Seismological Research Letters	2007
28	Temporal variations of Qc - 1 and b-values associated to the December 2000-January 2001 volcanic activity at the Popocatepetl volcano, Mexico	DAVID ALBERTO NOVELO CASANOVA CARLOS MIGUEL VALDES GONZALEZ Martínez-Bringas A.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2006
29	Seismic activity along the Central America volcanic arc: Is it related to subduction of the Cocos plate?	MARCO GUZMAN SPEZIALE CARLOS MIGUEL VALDES GONZALEZ JUAN MARTIN GOMEZ GONZALEZ et al.	Tectonophysics	2005
30	Volcanic monitoring for radon and chemical species in the soil and in spring water samples	MARIA AURORA ARMIENTA HERNANDEZ CARLOS MIGUEL VALDES GONZALEZ MANUEL MENA JARA et al.	RADIATION MEASUREMENTS	2003
31	Analysis of seismic factors associated with some explosions and significant emissions of ash from the Popocatepetl volcano, Mexico [Análisis de patrones sísmicos asociados a algunas explosiones y emisiones de ceniza importantes del volcán]	CARLOS MIGUEL VALDES GONZALEZ De la Rosa Moreno F. Gutiérrez Martínez C.A.	Revista Geofísica	2003
32	85.17 The HYPO71 earthquake location program	CARLOS MIGUEL VALDES GONZALEZ Lee W.H.K. Lahr J.C.	International Geophysics	2003
33	Soil radon response around an active volcano	CARLOS MIGUEL VALDES GONZALEZ MANUEL MENA JARA Segovia N. et al.	RADIATION MEASUREMENTS	2001
34	Size of Popocatepetl volcano explosions (1997-2001) from waveform inversion	VICTOR MANUEL CRUZ ATIENZA SHRI KRISHNA SINGH SINGH CARLOS MIGUEL VALDES GONZALEZ et al.	GEOPHYSICAL RESEARCH LETTERS	2001
35	A general overview of the catalog of recent seismicity compiled by the Mexican Seismological Survey	FRANCISCO RAMON ZUÑIGA DAVILA MADRID CARLOS MIGUEL VALDES GONZALEZ Reyes M.A.	GEOFISICA INTERNACIONAL	2000
36	Coda wave attenuation parallel and perpendicular to the Mexican Pacific coast	DAVID ALBERTO NOVELO CASANOVA CARLOS MIGUEL VALDES GONZALEZ	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2000

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37	Temporal and spectral characteristics of seismicity observed at Popocatepetl volcano, central Mexico	MARIA ALEJANDRA ARCINIEGA CEBALLOS CARLOS MIGUEL VALDES GONZALEZ Dawson P.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2000
38	Soil radon time series: surveys in seismic and volcanic areas	MANUEL MENA JARA CARLOS MIGUEL VALDES GONZALEZ Segovia N. et al.	RADIATION MEASUREMENTS	1999
39	Tectonic implications of the earthquake swarm of 1997 in the Michoacan Triangle, Mexico	CARLOS MIGUEL VALDES GONZALEZ HUGO DELGADO GRANADOS SHRI KRISHNA SINGH SINGH et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	1999
40	The Western Guerrero, Mexico, seismogenic zone from the microseismicity associated to the 1979 Petatlan and 1985 Zihuatanejo earthquakes	CARLOS MIGUEL VALDES GONZALEZ DAVID ALBERTO NOVELO CASANOVA	Tectonophysics	1998
41	Implications of a composite source model and seismic-wave attenuation for the observed simplicity of small earthquakes and reported duration of earthquake initiation phase	SHRI KRISHNA SINGH SINGH MARIO GUSTAVO ORDAZ SCHROEDER CARLOS MIGUEL VALDES GONZALEZ et al.	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	1998
42	Spectral analysis and earthquake scaling of the petatlan earthquake (Ms=7.6) aftershocks, recorded at stations along the pacific coast and between the coast and Mexico City	CARLOS MIGUEL VALDES GONZALEZ Meyer R.P.	PURE AND APPLIED GEOFISICA	1996
43	Seismic structure between the Pacific coast and Mexico City from the Petatlán earthquake (Ms=7.6) aftershocks	CARLOS MIGUEL VALDES GONZALEZ Meyer R.P.	GEOFISICA INTERNACIONAL	1996
44	Seismicity of the State of Puebla, Mexico, 1986-1989	CARLOS MIGUEL VALDES GONZALEZ Gonzalez-Pomposo G.J.	GEOFISICA INTERNACIONAL	1995

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN

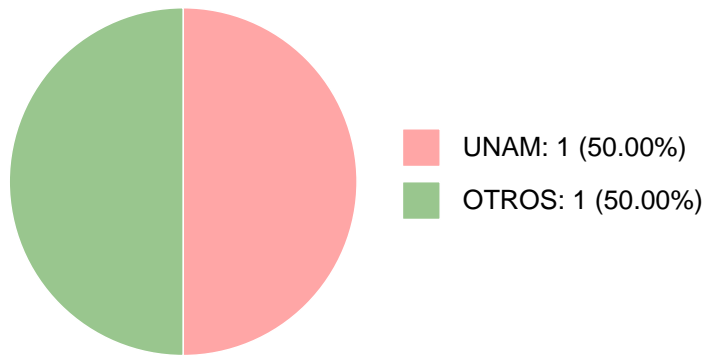


#	Título	Autores	Alcance	Año	ISBN
1	El sismo de Villaflores, Chiapas	CARLOS MIGUEL VALDES GONZALEZ JUAN CARLOS MORA CHAPARRO	Libro Completo	2018	9786078573134
2	Comparison of the Seismicity Before and After the 1982 El Chichon Eruption	CARLOS MIGUEL VALDES GONZALEZ	Capítulo de un Libro	2015	9783642258909
3	Observation of Vulcanian explosions with seismic and acoustic data at Popocatepetl volcano, Mexico	CARLOS MIGUEL VALDES GONZALEZ NICHOLAS ROBERT VARLEY MIDDLE Arámbula-Mendoza R. et al.	Capítulo de un Libro	2013	9781624179853
4	Active Volcanoes of Chiapas (Mexico): El Chichón and Tacaná	JOSE LUIS MACIAS VAZQUEZ DENIS XAVIER FRANCOIS LEGRAND JUAN MANUEL ESPINDOLA CASTRO et al.	Libro Completo	2013	9783642258909

CARLOS MIGUEL VALDES GONZALEZ

PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Estudio de actividad sísmica en el campo geotérmico de Los Azufres, Mich.	CARLOS MIGUEL VALDES GONZALEZ	Sector Público (Federal, Estatal o Municipal)	06-06-2016	28-12-2018
2	Evaluación de la sismicidad del Volcán Citlaltépetl (Pico de Orizaba).	CARLOS MIGUEL VALDES GONZALEZ	Presupuesto de la UNAM asignado a la Dependencia	01-01-2023	31-12-2023



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CARLOS MIGUEL VALDES GONZALEZ

PARTICIPACIÓN EN TESIS

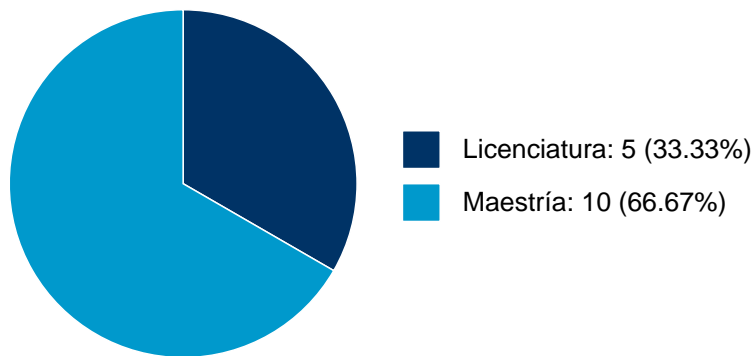
No se encuentran registros en la base de datos de TESIUNAM asociados a:

CARLOS MIGUEL VALDES GONZALEZ

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	GESTION INTEGRAL DEL RIESGO	Escuela Nacional de Ciencias de la Tierra	10	2024-2
2	Licenciatura	GESTION INTEGRAL DEL RIESGO	Escuela Nacional de Ciencias de la Tierra	13	2023-2
3	Licenciatura	TALLER INVEST.CIENCIAS AMBIENTS.II	Facultad de Ciencias	2	2021-2
4	Licenciatura	TALLER INVEST.CIENCIAS AMBIENTS.I	Facultad de Ciencias	2	2021-1
5	Maestría	GESTION INTEGRAL DEL RIESGO	Instituto de Geofísica	2	2019-1
6	Maestría	ACTIVIDAD ACADEMICA PARA LA OBTENCION DEL GRADO	Instituto de Geofísica	1	2018-2
7	Maestría	SEMINARIO DE INVESTIGACIÓN	Instituto de Geofísica	1	2017-2
8	Licenciatura	EVALUACION DEL RIESGO GEOLOGICO	Facultad de Ciencias	16	2017-2
9	Maestría	ACTIVIDAD ACADEMICA PARA LA OBTENCION DEL GRADO	Instituto de Geofísica	1	2014-2
10	Maestría	OBSERVACION, PROCESAMIENTO E INTERPRETACION SISMOLOGICA	Instituto de Geofísica	8	2014-2
11	Maestría	TEMA SELECTO DE TIERRA SOLIDA	Instituto de Geofísica	5	2014-1
12	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Geofísica	1	2014-1
13	Maestría	ACTIVIDAD ACADEMICA PARA LA OBTENCION DEL GRADO	Instituto de Geofísica	1	2014-1
14	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Geofísica	1	2013-2
15	Maestría	TEMA SELECTO	Instituto de Geofísica	3	2008-1



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PATENTES

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

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FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2024
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