



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



CINNA LOMNITZ ARONSFRAU

Datos Generales

Nombre: CINNA LOMNITZ ARONSFRAU

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 47 años

Nombramientos

Último: INVESTIGADOR EMERITO TC Definitivo
Instituto de Geofísica
Desde 01-01-2008 (fecha inicial de registros en el
SIIA) hasta 15-08-2016

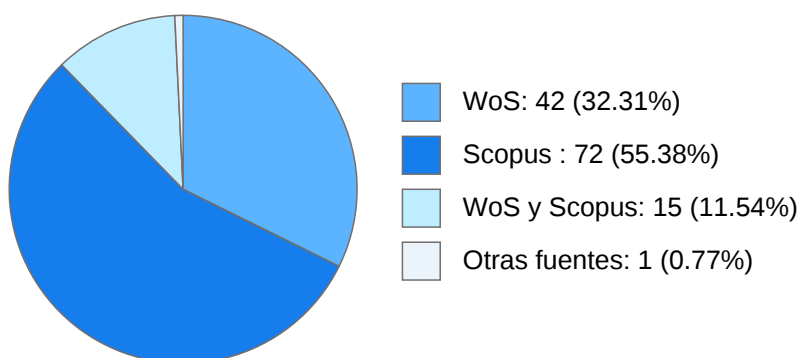
Estímulos, programas, premios y reconocimientos

SNI III 2020
SNI Emérito 2019
SNI Emérito 2010 - 2016
SNI III 2009
PUN Investigación en ciencias exactas 1997

CINNA LOMNITZ ARONSFRAU

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Unusual, equivocal Rayleigh-dispersion curves for simple models taking into account the special propagation conditions in the valley of Mexico City (CDMX) - Preliminary results	CINNA LOMNITZ ARONSFRAU Malischewsky, Peter G. Forbriger, Thomas	GEOFISICA INTERNACIONAL	2017
2	Gutenberg-Richter b-value determination and large-magnitudes sampling	FRANCISCO RAMON ZUÑIGA DAVILA MADRID CINNA LOMNITZ ARONSFRAU Nava, F.A. et al.	NATURAL HAZARDS	2017
3	Unusual, Equivocal Rayleigh-dispersion Curves for Simple Models Taking into Account the Special Propagation Conditions in the Valley of Mexico City (CDMX) ? Preliminary Results	CINNA LOMNITZ ARONSFRAU Malischewsky P.G. Forbriger T.	GEOFISICA INTERNACIONAL	2017
4	The apparent paradox of exponentially distributed inter-earthquake intervals	CINNA LOMNITZ ARONSFRAU Nava, F. A.	NATURAL HAZARDS	2015
5	Dear reader	JOSE FRANCISCO VALDES GALICIA CINNA LOMNITZ ARONSFRAU	GEOFISICA INTERNACIONAL	2015
6	Brief Communication: Understanding disasters and early-warning systems	HERIBERTA LOURDES CASTAÑOS RODRIGUEZ CINNA LOMNITZ ARONSFRAU	NATURAL HAZARDS AND EARTH SYSTEM SCIENCES	2014

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7	Seismic hazard of the Uttarakhand Himalaya, India, from deterministic modeling of possible rupture planes in the area	HERIBERTA LOURDES CASTAÑOS RODRIGUEZ CINNA LOMNITZ ARONSFRAU Joshi A. et al.	International Journal Of Geophysics	2013
8	Dark Matter: A Result of nonadditive gravitational forces	CINNA LOMNITZ ARONSFRAU Arturo Robles-Gutierrez, Jesus Lacomba Zamora, Ernesto et al.	GEOFISICA INTERNACIONAL	2013
9	Applicability of attenuation relations for regional studies	CINNA LOMNITZ ARONSFRAU HERIBERTA LOURDES CASTAÑOS RODRIGUEZ Joshi A. et al.	GEOFISICA INTERNACIONAL	2012
10	Early estimate of epicenter seismic intensities according to co-seismic deformation	CINNA LOMNITZ ARONSFRAU Li Weidong Zhang Chaojun et al.	GEOFISICA INTERNACIONAL	2010
11	Comment on "Review: Strong Ground Motions-Have We Seen the Worst?" by Fleur O. Strasser and Julian J. Bommer	HERIBERTA LOURDES CASTAÑOS RODRIGUEZ CINNA LOMNITZ ARONSFRAU	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	2010
12	A broader picture of Rutherford's geophysicists	CINNA LOMNITZ ARONSFRAU	PHYSICS TODAY	2010
13	Parkfield revisited: I. Data retrieval	CINNA LOMNITZ ARONSFRAU Zhang, Chao-jun	LITHOSPHERE	2009
14	Language Problems in Seismology	CINNA LOMNITZ ARONSFRAU	Seismological Research Letters	2009
15	Triggering of the 2001-2002 Mexico Slow-slip Event, Mw 7.5, by the Shallow Normal Earthquake of 8 October 2001, Mw 5.8, and Its Aftershocks	CINNA LOMNITZ ARONSFRAU Zhang, Chaojun Shi, Yaolin et al.	Seismological Research Letters	2009
16	Imaging the earthquake cycle with the Moment-Ratio Method: An exploration	CINNA LOMNITZ ARONSFRAU Zhang, C. Shi, Y. et al.	GEOFISICA INTERNACIONAL	2009
17	Reply to "Comment on 'Three theorems of earthquake location' by Cinna Lomnitz" by Catherine Woodgold	CINNA LOMNITZ ARONSFRAU	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	2008
18	The domain of existence of prograde Rayleigh-wave particle motion for simple models	CINNA LOMNITZ ARONSFRAU Malischewsky, Peter G. Scherbaum, Frank et al.	Wave Motion	2008
19	Disasters and maximum entropy production	CINNA LOMNITZ ARONSFRAU HERIBERTA LOURDES CASTAÑOS RODRIGUEZ	Geological Society of America Special Papers	2007

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20	Seismic response of the Mexico City Basin: A review of twenty years of research	SERGIO YUSSIM GUARNEROS CINNA LOMNITZ ARONSFRAU Flores-Estrella H.	NATURAL HAZARDS	2007
21	Equivalence of tectonic motions	CINNA LOMNITZ ARONSFRAU	Seismological Research Letters	2007
22	Late resonant response at Texcoco, Valley of Mexico, during distant earthquakes	CINNA LOMNITZ ARONSFRAU (Bill) Stephenson W.R. Flores H.	SOIL DYNAMICS AND EARTHQUAKE ENGINEERING	2006
23	The world according to Ewing	CINNA LOMNITZ ARONSFRAU	Leading Edge	2006
24	Prograde Rayleigh-wave motion in the valley of Mexico	CINNA LOMNITZ ARONSFRAU Malischewsky Auning P.G. Wuttke F. et al.	GEOFISICA INTERNACIONAL	2006
25	Time-dependent earthquake hazard evaluation in seismogenic systems using mixed Markov Chains: An application to the Japan area	CINNA LOMNITZ ARONSFRAU Herrera C. Nava F.A.	EARTH PLANETS AND SPACE	2006
26	Three theorems of earthquake location	CINNA LOMNITZ ARONSFRAU	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	2006
27	Comment on J.U. Klügel's "Problems in the application of the SSHAC probability method for assessing earthquake hazards at Swiss nuclear power plants", in Engineering Geology, vol. 78, pp. 285-307	CINNA LOMNITZ ARONSFRAU	ENGINEERING GEOLOGY	2005
28	The Indian Ocean disaster: Tsunami physics and early warning dilemmas	CINNA LOMNITZ ARONSFRAU Nilsen-Hofseth S.	Eos	2005
29	Major earthquakes of Chile: A historical survey, 1535-1960	CINNA LOMNITZ ARONSFRAU	Seismological Research Letters	2004
30	Huygens' principle: The capture of seismic energy by a soft soil layer	CINNA LOMNITZ ARONSFRAU Meas Y.	GEOPHYSICAL RESEARCH LETTERS	2004
31	Disasters at the interface of nature and society provoke thought	CINNA LOMNITZ ARONSFRAU Heriberta C.	Eos	2003
32	PSHA: Is it science?	CINNA LOMNITZ ARONSFRAU Castaos H.	ENGINEERING GEOLOGY	2002
33	Coupled seismoacoustic modes on the seafloor	CINNA LOMNITZ ARONSFRAU Butler R.	GEOPHYSICAL RESEARCH LETTERS	2002

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34	El Salvador 2001: Earthquake disaster and disaster preparedness in a tropical volcanic environment	CINNA LOMNITZ ARONSFRAU Elizarrarás S.R.	Seismological Research Letters	2001
35	About a world without seismic hazard [Hacia un Mundo sin Riesgo Sísmico]	CINNA LOMNITZ ARONSFRAU	Revista Geofísica	1999
36	Seismic Coupling of Interface Modes in Sedimentary Basins: A Recipe for Disaster	CINNA LOMNITZ ARONSFRAU JORGE ALBERTO MARQUEZ FLORES OCTAVIO AUGUSTO NOVARO Y PEÑALOZA et al.	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	1999
37	Mexico, San Francisco, Los Angeles and Kobe: What next?	CINNA LOMNITZ ARONSFRAU	NATURAL HAZARDS	1997
38	Frequency response of a strainmeter	CINNA LOMNITZ ARONSFRAU	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	1997
39	Predicting earthquakes with the MRI algorithm	CINNA LOMNITZ ARONSFRAU	Seismological Research Letters	1996
40	The gravilastic equation and the emergence of gravity waves in large earthquakes	CINNA LOMNITZ ARONSFRAU	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	1996
41	Search of a worldwide catalog for earthquakes triggered at intermediate distances	CINNA LOMNITZ ARONSFRAU	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	1996
42	Shallow SH-refraction survey on Mexico City mud: amplification by wedge effects	RENE EFRAIN CHAVEZ SEGURA CINNA LOMNITZ ARONSFRAU Alvarez J.	First Break	1995
43	Unplanned and unforeseen effects of instabilities	HERIBERTA LOURDES CASTAÑOS RODRIGUEZ CINNA LOMNITZ ARONSFRAU	NATURAL HAZARDS	1995
44	Moment-ratio imaging of seismic regions for earthquake prediction	CINNA LOMNITZ ARONSFRAU	GEOFYSICAL RESEARCH LETTERS	1993
45	Changing ?Lifestyles? Without Graduates	CINNA LOMNITZ ARONSFRAU	Eos	1991
46	Successful modeling?	CINNA LOMNITZ ARONSFRAU	Eos	1990
47	Gravity waves in earthquakes?	CINNA LOMNITZ ARONSFRAU	ENGINEERING GEOLOGY	1990
48	Mexico 1985: the case for gravity waves	CINNA LOMNITZ ARONSFRAU	GEOFYSICAL JOURNAL INTERNATIONAL	1990

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49	Seismic gravity waves in a sedimentary layer [Ondes sismiques de gravite dans une couche sedimentaire]	CINNA LOMNITZ ARONSFRAU	Comptes Rendus - Academie Des Sciences, Serie li	1989
50	The 1985 Mexico earthquake.	CINNA LOMNITZ ARONSFRAU	Natural And Man-Made Hazards. Proc. Symposium, Rimouski, Quebec, 1986	1988
51	The limits of self-similarity	CINNA LOMNITZ ARONSFRAU	NATURAL HAZARDS	1988
52	CRUSTAL STRUCTURE OF OAXACA, MEXICO, FROM SEISMIC REFRACTION MEASUREMENTS.	SHRI KRISHNA SINGH SINGH CINNA LOMNITZ ARONSFRAU MANUEL MENA JARA et al.	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	1986
53	Plate waves and the 1980 huajuapán de león, Mexico earthquake	CINNA LOMNITZ ARONSFRAU Nava F.A. Toledo V.R.	Tectonophysics	1985
54	Tectonic feedback and the earthquake cycle	CINNA LOMNITZ ARONSFRAU	PURE AND APPLIED GEOPHYSICS	1985
55	OAXACA, MEXICO, 1978 PREDICTIONS.	CINNA LOMNITZ ARONSFRAU	American Society Of Mechanical Engineers (paper)	1983
56	Direct evidence of a subducted plate under southern Mexico	CINNA LOMNITZ ARONSFRAU	Nature	1982
57	Seismology in Mexico.	CINNA LOMNITZ ARONSFRAU	Earthquake Information Bulletin (usgs)	1982
58	A framework for earthquake prediction.	CINNA LOMNITZ ARONSFRAU Lomnitz-Adler J.	Earthquake Prediction: An International Review	1981
59	The Oaxaca gap: A case history	CINNA LOMNITZ ARONSFRAU Garza T.	PURE AND APPLIED GEOPHYSICS	1979
60	Tangshan 1976: A case history in earthquake prediction	CINNA LOMNITZ ARONSFRAU Lomnitz L.	Nature	1978
61	A new magnitude-frequency relation	CINNA LOMNITZ ARONSFRAU Lomnitz-Adler J.	Tectonophysics	1978

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62	RESMAC: THE NEW MEXICAN SEISMIC ARRAY.	CINNA LOMNITZ ARONSFRAU Gil Jorge	Trans Am Geophys Union	1975
63	Earthquakes and reservoir impounding: state of the art	CINNA LOMNITZ ARONSFRAU	ENGINEERING GEOLOGY	1974
64	INTERNATIONAL COLLOQUIUM ON SEISMIC EFFECTS OF RESERVOIR IMPOUNDING, 1973.	CINNA LOMNITZ ARONSFRAU Nikolaev N.I. Brace W.F. et al.	ENGINEERING GEOLOGY	1974
65	Geodynamics	CINNA LOMNITZ ARONSFRAU	Science	1973
66	Geodynamics Symposium in Mexico	CINNA LOMNITZ ARONSFRAU	Science	1973
67	What is the accuracy of P travel-time tables?	CINNA LOMNITZ ARONSFRAU	EARTH AND PLANETARY SCIENCE LETTERS	1971
68	On creep, microfractures, and aftershocks	CINNA LOMNITZ ARONSFRAU	EARTH AND PLANETARY SCIENCE LETTERS	1971
69	Sea floor spreading as a factor of tectonic evolution in Southern Chile [9]	CINNA LOMNITZ ARONSFRAU	Nature	1969
70	Major earthquakes and tsunamis in Chile during the period 1535 to 1955	CINNA LOMNITZ ARONSFRAU	GEOL RUNDSCH	1969
71	Transition Probabilities between Seismic Regions	CINNA LOMNITZ ARONSFRAU	Geophysical Journal Of The Royal Astronomical Society	1967
72	Statistical prediction of earthquakes	CINNA LOMNITZ ARONSFRAU	REVIEWS OF GEOPHYSICS	1966
73	A model for the occurrence of large earthquakes [11]	CINNA LOMNITZ ARONSFRAU Epstein B.	Nature	1966
74	Estimation problems in earthquake series	CINNA LOMNITZ ARONSFRAU	Tectonophysics	1964

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	High-Tech Risks: The 2011 Tōhoku Extreme Events	HERIBERTA LOURDES CASTAÑOS RODRIGUEZ CINNA LOMNITZ ARONSFRAU	Capítulo de un Libro	2015	9781119157052
2	Las ciencias de la tierra: una nueva visión de nuestro planeta	CINNA LOMNITZ ARONSFRAU DANTE JAIME MORAN ZENTENO	Libro Completo	2014	9786070259296
3	Las ciencias de la tierra: Una nueva visión de nuestro planeta	CINNA LOMNITZ ARONSFRAU	Libro Completo	2012	9786070236662
4	Earthquake Disasters in Latin America: A Holistic Approach	HERIBERTA LOURDES CASTAÑOS RODRIGUEZ CINNA LOMNITZ ARONSFRAU	Libro Completo	2012	9789400728097
5	Earthquake	CINNA LOMNITZ ARONSFRAU Wisner B.	Capítulo de un Libro	2012	9780203844236
6	Earthquake hazard in the valley of Mexico: Entropy, structure, complexity	CINNA LOMNITZ ARONSFRAU HERIBERTA LOURDES CASTAÑOS RODRIGUEZ	Capítulo de un Libro	2006	3540313362



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PARTICIPACIÓN EN PROYECTOS

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

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PARTICIPACIÓN EN TESIS

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

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DOCENCIA IMPARTIDA

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

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PATENTES

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

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FUENTES DE INFORMACIÓN

Internos

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

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024