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Coordinación de Planeación, Evaluación y
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SURENDRA PAL VERMA JAISWAL

Datos Generales

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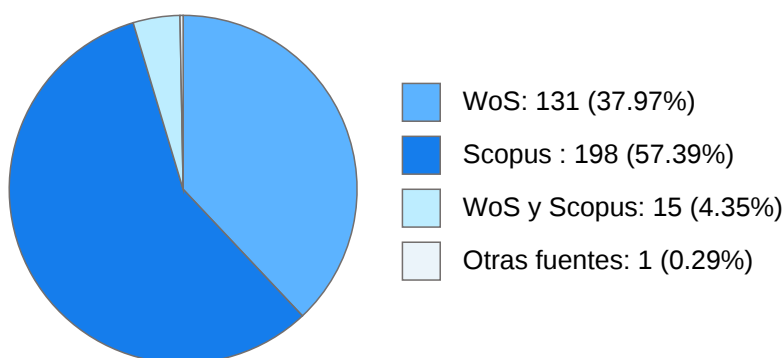
Estímulos, programas, premios y reconocimientos

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SURENDRA PAL VERMA JAISWAL

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Tectonic settings of the Plio?Quaternary volcanism in Iran from multidimensional and multielement solutions	SURENDRA PAL VERMA JAISWAL Molaei-Yeganeh T.	GEOLOGICAL JOURNAL	2022
2	Determining the bubble nucleation efficiency of low-energy nuclear recoils in superheated C3 F8 dark matter detectors	SURENDRA PAL VERMA JAISWAL ERIC VAZQUEZ JAUREGUI Ali B. et al.	PHYSICAL REVIEW D	2022
3	A statistically coherent robust multidimensional classification scheme for water	SURENDRA PAL VERMA JAISWAL Uscanga-Junco O.A. Díaz-González L.	SCIENCE OF THE TOTAL ENVIRONMENT	2021
4	Geochemistry, petrogenesis, and tectonic setting of the Los Tuxtlas Volcanic Field, Mexico	SURENDRA PAL VERMA JAISWAL HECTOR LOPEZ LOERA Subramanyam K.S.V. et al.	GEOLOGICAL JOURNAL	2020
5	APMdisc: An online computer program for the geochemical discrimination of siliciclastic sediments from active and passive margins	MARIA ABDELALY RIVERA GOMEZ ARMSTRONG ALTRIN SAM JOHN SELVAMONY SURENDRA PAL VERMA JAISWAL et al.	TURKISH JOURNAL OF EARTH SCIENCES	2020
6	Comprehensive multidimensional tectonomagmatic discrimination from log-ratio transformed major and trace elements	SURENDRA PAL VERMA JAISWAL	Lithos	2020

SURENDRA PAL VERMA JAISWAL

7	(40)A/Ar-30 geochronology and petrogenesis of the Sierra de San Miguelito Volcanic Complex, Mesa Central, Mexico	SURENDRA PAL VERMA JAISWAL Dario Torres-Sanchez Sanjeet K. Verma et al.	Lithos	2020
8	New discriminant-function-based multidimensional discrimination of mid-ocean ridge and oceanic plateau	SURENDRA PAL VERMA JAISWAL Lorena Diaz-Gonzalez	Geoscience Frontiers	2020
9	New multidimensional classification scheme of altered igneous rocks from performance comparison of isometric and modified log-ratio transformations of major elements	SURENDRA PAL VERMA JAISWAL Díaz-González L. MARIA ABDELALY RIVERA GOMEZ et al.	EARTH SCIENCE INFORMATICS	2020
10	Evaluation of nine USGS reference materials for quality control through Univariate Data Analysis System, UDASys3	SURENDRA PAL VERMA JAISWAL Mauricio Rosales-Rivera Lorena Diaz-Gonzalez	ARABIAN JOURNAL OF GEOSCIENCES	2019
11	Petrogenetic and tectonic implications of Oligocene-Miocene volcanic rocks from the Sierra de San Miguelito complex, central Mexico	SURENDRA PAL VERMA JAISWAL Torres-Sánchez D. Verma S.K. et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2019
12	Comparison of matrix-effect corrections for ordinary and uncertainty weighted linear regressions and determination of major element mean concentrations and total uncertainties of sixty-two international geochemical reference materials from wavelength-dispersive X-ray fluorescence spectrometry	SURENDRA PAL VERMA JAISWAL MARIA ABDELALY RIVERA GOMEZ Rosales-Rivera M. et al.	SPECTROCHIMI CA ACTA PART B-ATOMIC SPECTROSCOPY	2019
13	Statistically Coherent Calibration of X-Ray Fluorescence Spectrometry for Major Elements in Rocks and Minerals	SURENDRA PAL VERMA JAISWAL PANDARINATH KAILASA Verma S.K. et al.	JOURNAL OF SPECTROSCOPY	2018
14	Statistical Methodology for Medical Data: Gestational Age, Birth Weight, and Hand Characteristics	SURENDRA PAL VERMA JAISWAL Sharma S.	Journal of Neonatology	2018
15	Petrogenetic and tectonic implications of major and trace element and radiogenic isotope geochemistry of Pliocene to Holocene rocks from the Tacana Volcanic Complex and Chiapanecan Volcanic Belt, southern Mexico	SURENDRA PAL VERMA JAISWAL Verma S.K.	Lithos	2018

SURENDRA PAL VERMA JAISWAL

16	A new online computer program (BiDASys) for ordinary and uncertainty weighted least-squares linear regressions: Case studies from food chemistry	SURENDRA PAL VERMA JAISWAL Rosales-Rivera M. Díaz-González L.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2018
17	Mineralogical, chemical, and Sr-Nd isotopic effects of hydrothermal alteration of near-surface rhyolite in the Los Azufres geothermal field, Mexico	SURENDRA PAL VERMA JAISWAL PANDARINATH KAILASA Bhutani R. et al.	Lithos	2018
18	Improved composition of Hawaiian basalt BHVO-1 from the application of two new and three conventional recursive discordancy tests	SURENDRA PAL VERMA JAISWAL ALFREDO QUIROZ RUIZ Rosales-Rivera, Mauricio et al.	TURKISH JOURNAL OF EARTH SCIENCES	2017
19	Transformed major element based multidimensional classification of altered volcanic rocks	SURENDRA PAL VERMA JAISWAL M. Abdelaly Rivera Gomez	Episodes	2017
20	Multidimensional classification of magma types for altered igneous rocks and application to their tectonomagmatic discrimination and igneous provenance of siliciclastic sediments	SURENDRA PAL VERMA JAISWAL ALFREDO QUIROZ RUIZ PANDARINATH KAILASA et al.	Lithos	2017
21	Quality control in geochemistry from a comparison of four central tendency and five dispersion estimators and example of a geochemical reference material (vol 9, 740, 2016)	SURENDRA PAL VERMA JAISWAL Diaz-Gonzalez, Lorena Perez-Garza, Javier A. et al.	ARABIAN JOURNAL OF GEOSCIENCES	2017
22	Log-ratio transformed major element based multidimensional classification for altered High-Mg igneous rocks	SURENDRA PAL VERMA JAISWAL M. Abdelaly Rivera Gomez Diaz-Gonzalez, Lorena et al.	GEOCHEMISTRY GEOPHYSICS GEOSYSTEMS	2016
23	Quality control in geochemistry from a comparison of four central tendency and five dispersion estimators and example of a geochemical reference material	SURENDRA PAL VERMA JAISWAL Diaz-Gonzalez, Lorena Perez-Garza, Javier A. et al.	ARABIAN JOURNAL OF GEOSCIENCES	2016
24	Geochemistry and petrogenesis of extension-related magmas close to the volcanic front of the central part of the Trans-Mexican Volcanic Belt	SURENDRA PAL VERMA JAISWAL Torres-Sanchez, Dario Velasco-Tapia, Fernando et al.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2016

SURENDRA PAL VERMA JAISWAL

25	Flat surface versus present-day topography for cylindrical and spherical sources in temperature field simulation models: The Cerritos Colorados geothermal field, Jalisco, Mexico	SURENDRA PAL VERMA JAISWAL Gomez-Arias, Efrain	APPLIED THERMAL ENGINEERING	2016
26	Testing of multidimensional tectonomagmatic discrimination diagrams on fresh and altered rocks	SURENDRA PAL VERMA JAISWAL Rivera-Gomez, M. Abdelaly	GEOLOGICA CARPATHICA	2016
27	Application of a new computer program for tectonic discrimination of Cambrian to Holocene clastic sediments	SURENDRA PAL VERMA JAISWAL ARMSTRONG ALTRIN SAM JOHN SELVAMONY Diaz-Gonzalez, Lorena	EARTH SCIENCE INFORMATICS	2016
28	LA-SF-ICP-MS zircon U-Pb geochronology of granitic rocks from the central Bundelkhand greenstone complex, Bundelkhand craton, India	SURENDRA PAL VERMA JAISWAL Verma, Sanjeet K. Oliveira, Elson P. et al.	JOURNAL OF ASIAN EARTH SCIENCES	2016
29	Evaluation of the ongoing rifting and subduction processes in the geochemistry of magmas from the western part of the Mexican Volcanic Belt	SURENDRA PAL VERMA JAISWAL PANDARINATH KAILASA Abdelaly Rivera-Gomez, M.	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2016
30	Geochemical discrimination of siliciclastic sediments from active and passive margin settings	SURENDRA PAL VERMA JAISWAL ARMSTRONG ALTRIN SAM JOHN SELVAMONY	SEDIMENTARY GEOLOGY	2016
31	Origin, evolution, and tectonic setting of the eastern part of the Mexican volcanic belt and comparison with the central American volcanic arc from conventional multielement normalized and new multidimensional discrimination diagrams and discordancy and significance tests	SURENDRA PAL VERMA JAISWAL	TURKISH JOURNAL OF EARTH SCIENCES	2015
32	Application of 55 multi-dimensional tectonomagmatic discrimination diagrams to Precambrian belts	SURENDRA PAL VERMA JAISWAL Verma, Sanjeet K. Oliveira, Elson P.	INTERNATIONAL GEOLOGY REVIEW	2015
33	Plate tectonic settings for Precambrian basic rocks from Brazil by multidimensional tectonomagmatic discrimination diagrams and their limitations	SURENDRA PAL VERMA JAISWAL Verma, Sanjeet K. Oliveira, Elson P.	INTERNATIONAL GEOLOGY REVIEW	2015
34	Precambrian crustal growth and tectonics: Introduction	SURENDRA PAL VERMA JAISWAL Singh, Vinod K. Chandra, Ram et al.	INTERNATIONAL GEOLOGY REVIEW	2015

SURENDRA PAL VERMA JAISWAL

35	Present state of knowledge and new geochemical constraints on the central part of the Mexican Volcanic Belt and comparison with the Central American Volcanic Arc in terms of near and far trench magmas	SURENDRA PAL VERMA JAISWAL	TURKISH JOURNAL OF EARTH SCIENCES	2015
36	Monte Carlo comparison of conventional ternary diagrams with new log-ratio bivariate diagrams and an example of tectonic discrimination	SURENDRA PAL VERMA JAISWAL	GEOCHEMICAL JOURNAL	2015
37	A new computer program TecDIA for multidimensional tectonic discrimination of intermediate and acid magmas and its application to the Bohemian Massif, Czech Republic	SURENDRA PAL VERMA JAISWAL Rene CruzHuicochea DiazGonzalez, Lorena et al.	JOURNAL OF GEOSCIENCES	2015
38	Comparative performance of four single extreme outlier discordancy tests from Monte Carlo simulations	SURENDRA PAL VERMA JAISWAL ALFREDO QUIROZ RUIZ Diaz-Gonzalez, Lorena et al.	SCIENTIFIC WORLD JOURNAL	2014
39	Optimal discretization time and mesh size in three-dimensional temperature field simulation in two Mexican geothermal fields	SURENDRA PAL VERMA JAISWAL Gomez-Arias, Efrain	Geothermics	2014
40	Classical statistical techniques for deciphering the origin and evolution of volcanoes at volcanic front of the central part of the Mexican Volcanic Belt	SURENDRA PAL VERMA JAISWAL Velasco-Tapia F.	Proceedings Of The 16th International Association For Mathematical Geosciences - Geostatistical And Geospatial Ap	2014
41	Preface: Geochemistry in Mexico	SURENDRA PAL VERMA JAISWAL PANDARINATH KAILASA	JOURNAL OF IBERIAN GEOLOGY	2013
42	Identification of Archaean plate tectonic processes from multidimensional discrimination diagrams and probability calculations	SURENDRA PAL VERMA JAISWAL Verma, SK	INTERNATIONAL GEOLOGY REVIEW	2013
43	Three-dimensional temperature field simulation of magma chamber in the Los Hornos geothermal field, Puebla, Mexico	SURENDRA PAL VERMA JAISWAL Gomez-Arias, Efrain	APPLIED THERMAL ENGINEERING	2013

SURENDRA PAL VERMA JAISWAL

44	Three dimensional temperature simulation from cooling of two magma chambers in the Las Tres Vírgenes geothermal field, Baja California Sur, Mexico	Fernando J. Guerrero Martinez SURENDRA PAL VERMA JAISWAL	Energy	2013
45	Fifteen new discriminant-function-based multi-dimensional robust diagrams for acid rocks and their application to Precambrian rocks	SURENDRA PAL VERMA JAISWAL PANDARINATH KAILASA Sanjeet K. Verma et al.	Lithos	2013
46	Magmatic processes at the volcanic front of Central Mexican Volcanic Belt: Sierra de Chichinautzin Volcanic Field (Mexico)	SURENDRA PAL VERMA JAISWAL Velasco-Tapia, Fernando	TURKISH JOURNAL OF EARTH SCIENCES	2013
47	Computer programs for the classification and nomenclature of igneous rocks	SURENDRA PAL VERMA JAISWAL M. Abdelaly Rivera Gomez	Episodes	2013
48	Application of 50 multi-dimensional discrimination diagrams and significance tests: Deciphering compositional similarities and differences between Hawaiian and Icelandic volcanism	SURENDRA PAL VERMA JAISWAL	INTERNATIONAL GEOLOGY REVIEW	2013
49	Univariate data analysis system: deciphering mean compositions of island and continental arc magmas, and influence of the underlying crust	SURENDRA PAL VERMA JAISWAL Rene Cruz Huicochea Diaz-Gonzalez, Lorena	INTERNATIONAL GEOLOGY REVIEW	2013
50	First 15 probability-based multidimensional tectonic discrimination diagrams for intermediate magmas and their robustness against postemplacement compositional changes and petrogenetic processes	SURENDRA PAL VERMA JAISWAL Sanjeet K. Verma	TURKISH JOURNAL OF EARTH SCIENCES	2013
51	New multi-dimensional diagrams for tectonic discrimination of siliciclastic sediments and their application to Precambrian basins	SURENDRA PAL VERMA JAISWAL ARMSTRONG ALTRIN SAM JOHN SELVAMONY	CHEMICAL GEOLOGY	2013
52	New critical values for F and their use in the ANOVA and Fisher's F tests for evaluating geochemical reference material granite G-2 (USA) and igneous rocks from the Eastern Alkaline Province (Mexico)	R. Cruz Huicochea SURENDRA PAL VERMA JAISWAL	JOURNAL OF IBERIAN GEOLOGY	2013

SURENDRA PAL VERMA JAISWAL

53	Alternative approach for precise and accurate Student's t critical values and application in geosciences	SURENDRA PAL VERMA JAISWAL R. Cruz Huicochea	JOURNAL OF IBERIAN GEOLOGY	2013
54	New computer program TecD for tectonomagmatic discrimination from discriminant function diagrams for basic and ultrabasic magmas and its application to ancient rocks	SURENDRA PAL VERMA JAISWAL M. A. Rivera Gomez	JOURNAL OF IBERIAN GEOLOGY	2013
55	Three-dimensional thermal sensitivity analysis of cooling of a magma chamber in the Los Azufres geothermal field, Michoacán, Mexico	SURENDRA PAL VERMA JAISWAL Gómez-Arias E.	Geothermal Energy	2013
56	Statistical evaluation of tectonomagmatic discrimination diagrams for granitic rocks and proposal of new discriminant-function-based multi-dimensional diagrams for acid rocks	PANDARINATH KAILASA SURENDRA PAL VERMA JAISWAL Verma, SK	INTERNATIONAL GEOLOGY REVIEW	2012
57	Application of the discordant outlier detection and separation system in the geosciences	SURENDRA PAL VERMA JAISWAL Diaz-Gonzalez, Lorena	INTERNATIONAL GEOLOGY REVIEW	2012
58	Geochemometrics	SURENDRA PAL VERMA JAISWAL	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2012
59	Three-dimensional temperature field simulation of a cooling of a magma chamber, La Primavera caldera, Jalisco, Mexico	SURENDRA PAL VERMA JAISWAL Usy C. Arredondo Parra Andaverde, Jorge et al.	INTERNATIONAL GEOLOGY REVIEW	2012
60	Application of multi-dimensional discrimination diagrams and probability calculations to acid rocks from Portugal and Spain [Aplicação de diagramas discriminantes multi-dimensionais e cálculos de probabilidades para rochas ácidas de Port	SURENDRA PAL VERMA JAISWAL	Comunicações do Instituto Geológico e Mineiro	2012
61	Thermal sensitivity analysis of emplacement of the magma chamber in Los Humeros caldera, Puebla, Mexico	SURENDRA PAL VERMA JAISWAL Gomez-Arias, E Andaverde, Jorge	INTERNATIONAL GEOLOGY REVIEW	2011

SURENDRA PAL VERMA JAISWAL

62	Critical values for 22 discordancy test variants for outliers in normal samples up to sizes 100, and applications in science and engineering (vol 23, pg 302, 2006)	SURENDRA PAL VERMA JAISWAL ALFREDO QUIROZ RUIZ	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2011
63	Comparison of Two Sample Preparation Methods for X-Ray Fluorescence Spectrometry in the Determination of Ni and Cr	SURENDRA PAL VERMA JAISWAL Gonzalez-Ramirez, R Rodriguez-Rios, Rodolfo	GEOSTANDARDS AND GEOANALYTICAL RESEARCH	2011
64	Evaluation of Recent Tectonomagmatic Discrimination Diagrams and their Application to the Origin of Basic Magmas in Southern Mexico and Central America	SURENDRA PAL VERMA JAISWAL PANDARINATH KAILASA Verma, SK et al.	PURE AND APPLIED GEOPHYSICS	2011
65	Statistical Evaluation of Bivariate, Ternary and Discriminant Function Tectonomagmatic Discrimination Diagrams	SURENDRA PAL VERMA JAISWAL	TURKISH JOURNAL OF EARTH SCIENCES	2010
66	Statistical Evaluation of Classification Diagrams for Altered Igneous Rocks	SURENDRA PAL VERMA JAISWAL Rodolfo Rodriguez Rios Gonzalez-Ramirez, R	TURKISH JOURNAL OF EARTH SCIENCES	2010
67	Mass flow rate sensitivity and uncertainty analysis in natural circulation boiling water reactor core from Monte Carlo simulations	SURENDRA PAL VERMA JAISWAL Espinosa-Paredes, Gilberto Vazquez-Rodriguez, Alejandro et al.	NUCLEAR ENGINEERING AND DESIGN	2010
68	Sr, Nd, and Pb isotopic evidence for the origin and evolution of the Cantaro-Colima volcanic chain, Western Mexican Volcanic Belt	SURENDRA PAL VERMA JAISWAL Luhr, James F.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2010
69	Relative Efficiency of Single-Outlier Discordancy Tests for Processing Geochemical Data on Reference Materials and Application to Instrumental Calibrations by a Weighted Least-S	SURENDRA PAL VERMA JAISWAL Lorena Diaz Gonzalez Rosalinda Gonzalez-Ram-rez	GEOSTANDARDS AND GEOANALYTICAL RESEARCH	2009
70	Carbon, oxygen, and strontium isotope geochemistry of carbonate rocks of the upper Miocene Kudankulam Formation, southern India: Implications for paleoenvironment and diagenesis	ARMSTRONG ALTRIN SAM JOHN SELVAMONY SURENDRA PAL VERMA JAISWAL Lee, Yong Il et al.	GEOCHEMISTRY	2009

SURENDRA PAL VERMA JAISWAL

71	Evaluation of the odd-even effect in limits of detection for electron microprobe analysis of natural minerals	SURENDRA PAL VERMA JAISWAL PANDARINATH KAILASA Velasco-Tapia, Fernando et al.	ANALYTICA CHIMICA ACTA	2009
72	Relative efficiency of 15 discordancy tests with 33 variants for processing geochemical data	Rosalinda Gonzalez Ramirez SURENDRA PAL VERMA JAISWAL Diaz-Gonzalez, L	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2009
73	Review of the field, analytical and statistical methods used in the determination and handling of rare-earth elements in soil-plant system	J. Lucero Hernandez Martinez SURENDRA PAL VERMA JAISWAL	REVISTA DE LA FACULTAD DE CIENCIAS AGRARIAS	2009
74	Eficiencia relativa de 15 pruebas de discordancia con 33 variantes aplicadas al procesamiento de datos geoquímicos [Eficiencia relativa de 15 pruebas de discordancia con 33 variantes aplicadas al procesamiento de datos geoquímicos]	SURENDRA PAL VERMA JAISWAL González-Ramírez R. Díaz-González L.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2009
75	Element mobility during the hydrothermal alteration of rhyolitic rocks of the Los Azufres geothermal field, Mexico	PANDARINATH KAILASA IGNACIO SALVADOR TORRES ALVARADO SURENDRA PAL VERMA JAISWAL et al.	Geothermics	2008
76	Tectonic Discrimination of Basic and Ultrabasic Volcanic Rocks through Log-Transformed Ratios of Immobile Trace Elements	MIRNA GUEVARA GARCIA SURENDRA PAL VERMA JAISWAL Agarwal, Salil	INTERNATIONAL GEOLOGY REVIEW	2008
77	SolGeo: A new computer program for solute geothermometers and its application to Mexican geothermal fields	SURENDRA PAL VERMA JAISWAL PANDARINATH KAILASA EDGAR ROLANDO SANTOYO GUTIERREZ	Geothermics	2008
78	Separation and quantification of lanthanides in synthetic standards by capillary electrophoresis: A new experimental evidence of the systematic "odd-even" pattern observed in sensitivities and detection limits	EDGAR ROLANDO SANTOYO GUTIERREZ SURENDRA PAL VERMA JAISWAL García R. et al.	JOURNAL OF CHROMATOGR PHY A	2007
79	Comment on "Tectonic classification of basalts with classification trees" by Pieter Vermeesch (2006)	SURENDRA PAL VERMA JAISWAL Agrawal S.	GEOCHIMICA ET COSMOCHIMIC A ACTA	2007
80	Mineralogical and geochemical effects due to hydrothermal alteration in the Los Azufres geothermal field, Mexico	IGNACIO SALVADOR TORRES ALVARADO PANDARINATH KAILASA SURENDRA PAL VERMA JAISWAL et al.	REVISTA MEXICANA DE CIENCIAS GEOLOGICAS	2007

SURENDRA PAL VERMA JAISWAL

81	Late quaternary sedimentation records on the continental slope off southwest coast of India - Implications for provenance, depositional and paleomonsoonal conditions	PANDARINATH KAILASA SURENDRA PAL VERMA JAISWAL Subrahmanya K.R. et al.	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	2007
82	High-performance liquid and ion chromatography: Separation and quantification analytical techniques for rare earth elements	SURENDRA PAL VERMA JAISWAL EDGAR ROLANDO SANTOYO GUTIERREZ	GEOSTANDARDS AND GEOANALYTICAL RESEARCH	2007
83	Study on some physico-chemical characteristics of ground water of District Jalore - A statistical approach	SURENDRA PAL VERMA JAISWAL Ojha K.G.	Ecology, Environment and Conservation	2007
84	Extension-related origin of magmas from a garnet-bearing source in the Los Tuxtlas volcanic field, Mexico	SURENDRA PAL VERMA JAISWAL	INTERNATIONAL JOURNAL OF EARTH SCIENCES	2006
85	Application of the error propagation theory in estimates of static formation temperatures in geothermal and petroleum boreholes	SURENDRA PAL VERMA JAISWAL EDGAR ROLANDO SANTOYO GUTIERREZ Andaverde J.	ENERGY CONVERSION AND MANAGEMENT	2006
86	Discriminating four tectonic settings: Five new geochemical diagrams for basic and ultrabasic volcanic rocks based on log-ratio transformation of major-element data	SURENDRA PAL VERMA JAISWAL Agrawal S. MIRNA GUEVARA GARCIA	JOURNAL OF EARTH SYSTEM SCIENCE	2006
87	Statistical evaluation of methods for the calculation of static formation temperatures in geothermal and oil wells using an extension of the error propagation theory	SURENDRA PAL VERMA JAISWAL EDGAR ROLANDO SANTOYO GUTIERREZ Andaverde J.	JOURNAL OF GEOCHEMICAL EXPLORATION	2006
88	Determination of lanthanides in international geochemical reference materials by reversed-phase high-performance liquid chromatography using error propagation theory to estimate total analysis uncertainties	EDGAR ROLANDO SANTOYO GUTIERREZ MIRNA GUEVARA GARCIA SURENDRA PAL VERMA JAISWAL	JOURNAL OF CHROMATOGRAPHY A	2006
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SURENDRA PAL VERMA JAISWAL

90	X-ray diffraction analysis of hydrothermal minerals from the Los Azufres Geothermal System, Mexico	PANDARINATH KAILASA IGNACIO SALVADOR TORRES ALVARADO SURENDRA PAL VERMA JAISWAL et al.	INTERNATIONAL GEOLOGY REVIEW	2006
91	Comparison of linear regression models for quantitative geochemical analysis: An example using X-ray fluorescence spectrometry	MIRNA GUEVARA GARCIA SURENDRA PAL VERMA JAISWAL RUFINO LOZANO SANTA CRUZ et al.	GEOSTANDARDS AND GEOANALYTICAL RESEARCH	2005
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93	Hydrothermal alteration effects in geochemistry and Sr, Nd, Pb, and O isotopes of magmas from the Los Azufres geothermal field (Mexico): A statistical approach	SURENDRA PAL VERMA JAISWAL IGNACIO SALVADOR TORRES ALVARADO Satir M. et al.	GEOCHEMICAL JOURNAL	2005
94	Uncertainty estimates of static formation temperatures in boreholes and evaluation of regression models	SURENDRA PAL VERMA JAISWAL EDGAR ROLANDO SANTOYO GUTIERREZ Andaverde J.	GEOPHYSICAL JOURNAL INTERNATIONAL	2005
95	Evaluation of capillary electrophoresis for determining the concentration of dissolved silica in geothermal brines	EDGAR ROLANDO SANTOYO GUTIERREZ SURENDRA PAL VERMA JAISWAL García R. et al.	JOURNAL OF CHROMATOGRAPHY A	2005
96	Is odd-even effect reflected in detection limits?	SURENDRA PAL VERMA JAISWAL EDGAR ROLANDO SANTOYO GUTIERREZ	ACCREDITATION AND QUALITY ASSURANCE	2005
97	Dating of sediment layers and sediment accumulation studies along the western continental margin of India: A review	PANDARINATH KAILASA SURENDRA PAL VERMA JAISWAL Yadava M.G.	INTERNATIONAL GEOLOGY REVIEW	2004
98	Solely extension-related origin of the eastern to west-central Mexican Volcanic Belt (Mexico) from partial melting inversion model	SURENDRA PAL VERMA JAISWAL	CURRENT SCIENCE	2004
99	Geochemistry of sandstones from the upper Miocene Kudankulam Formation, Southern India: Implications for provenance, weathering, and tectonic setting	ARMSTRONG ALTRIN SAM JOHN SELVAMONY SURENDRA PAL VERMA JAISWAL Lee Y.I. et al.	JOURNAL OF SEDIMENTARY RESEARCH	2004
100	Sr, Nd, and Pb isotopic and trace element geochemical constraints for a veined-mantle source of magmas in the Michoacán-Guanajuato volcanic field, west-central Mexican Volcanic Belt	SURENDRA PAL VERMA JAISWAL Hasenaka T.	GEOCHEMICAL JOURNAL	2004

SURENDRA PAL VERMA JAISWAL

101	Neoproterozoic mafic volcanic rocks from the southern Bastar greenstone belt, Central India: Petrological and tectonic significance	SURENDRA PAL VERMA JAISWAL Srivastava R.K. Singh R.K.	PRECAMBRIAN RESEARCH	2004
102	Geochemical and Sr-Nd isotopic evidence for a rift-related origin of magmas in Tizayuca Volcanic Field, Central Mexican Volcanic Belt	SURENDRA PAL VERMA JAISWAL	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	2003
103	Reappraisal of the geology and geochemistry of Volcán Zamorano, Central Mexico: Implications for discriminating the Sierra Madre Occidental and Mexican Volcanic Belt Provinces	SURENDRA PAL VERMA JAISWAL GERARDO CARRASCO NUÑEZ	INTERNATIONAL GEOLOGY REVIEW	2003
104	Determination of lanthanides in synthetic standards by reversed-phase high-performance liquid chromatography with the aid of a weighted least-squares regression model: Estimation of method sensitivities and detection limits	EDGAR ROLANDO SANTOYO GUTIERREZ SURENDRA PAL VERMA JAISWAL	JOURNAL OF CHROMATOGRAPHY A	2003
105	Geochemistry of Upper Miocene Kudankulam limestones, Southern India	ARMSTRONG ALTRIN SAM JOHN SELVAMONY SURENDRA PAL VERMA JAISWAL MADHAVARAJU JAYAGOPAL et al.	INTERNATIONAL GEOLOGY REVIEW	2003
106	DC_BASE: A database system to manage Nernst distribution coefficients and its application to partial melting modeling	IGNACIO SALVADOR TORRES ALVARADO SURENDRA PAL VERMA JAISWAL MIRNA GUEVARA GARCIA et al.	COMPUTERS & GEOSCIENCES	2003
107	A revised CIPW norm	SURENDRA PAL VERMA JAISWAL IGNACIO SALVADOR TORRES ALVARADO Velasco-Tapia F.	SCHWEIZ MINER PETROG	2003
108	Discussion: Neogene volcanism at the front of the central Mexican Volcanic Belt: Basaltic andesites to dacites, with contemporaneous shoshonites and high-tiO ₂ lava	IGNACIO SALVADOR TORRES ALVARADO SURENDRA PAL VERMA JAISWAL	GEOLOGICAL SOCIETY OF AMERICA BULLETIN	2003
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110	Statistical evaluation of analytical methods for the determination of rare-earth elements in geological materials and implications for detection limits	SURENDRA PAL VERMA JAISWAL EDGAR ROLANDO SANTOYO GUTIERREZ Velasco-Tapia F.	INTERNATIONAL GEOLOGY REVIEW	2002
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122	Circular features in the Trans-Mexican Volcanic Belt	SURENDRA PAL VERMA JAISWAL Anguita F. Márquez A. et al.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	2001
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124	Geochemical and Sr-Nd-Pb isotopic evidence for a combined assimilation and fractional crystallisation process for volcanic rocks from the Huichapan caldera, Hidalgo, Mexico	SURENDRA PAL VERMA JAISWAL	Lithos	2001
125	Geochemical evidence for a lithospheric source for magmas from Los Hornos caldera, Puebla, Mexico	SURENDRA PAL VERMA JAISWAL	CHEMICAL GEOLOGY	2000
126	Improved capillary electrophoresis method for measuring rare-earth elements in synthetic geochemical standards	SURENDRA PAL VERMA JAISWAL EDGAR ROLANDO SANTOYO GUTIERREZ García R. et al.	JOURNAL OF CHROMATOGRAPHY A	2000
127	Error propagation in equations for geochemical modeling of radiogenic isotopes in two-component mixing	SURENDRA PAL VERMA JAISWAL	JOURNAL OF EARTH SYSTEM SCIENCE	2000
128	Comparison of the performance of fourteen statistical tests for detection of outlying values in geochemical reference material databases	SURENDRA PAL VERMA JAISWAL MIRNA GUEVARA GARCIA Velasco F.	MATH GEOL	2000
129	Compilation of radiogenic isotope data in Mexico and their petrogenetic implications	IGNACIO SALVADOR TORRES ALVARADO SURENDRA PAL VERMA JAISWAL GERARDO CARRASCO NUÑEZ	JOURNAL OF EARTH SYSTEM SCIENCE	2000
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134	Geochemistry of evolved magmas and their relationship to subduction-unrelated mafic volcanism at the volcanic front of the central Mexican Volcanic Belt	SURENDRA PAL VERMA JAISWAL	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	1999
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141	Temperature field distribution from cooling of a magma chamber in La Primavera Caldera, Jalisco, Mexico	SURENDRA PAL VERMA JAISWAL Rodríguez-González U.	Geothermics	1997

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165	Isotopic and trace element constraints on the origin and evolution of alkaline and calc-alkaline magmas in the northwestern Mexican Volcanic belt	SURENDRA PAL VERMA JAISWAL Nelson S.A.	Journal Of Geophysical Research	1989
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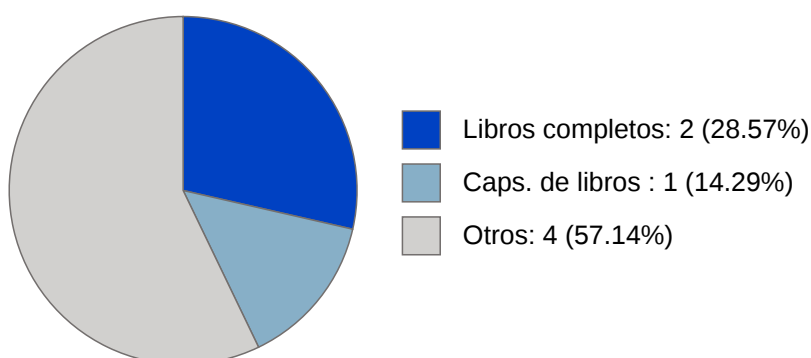
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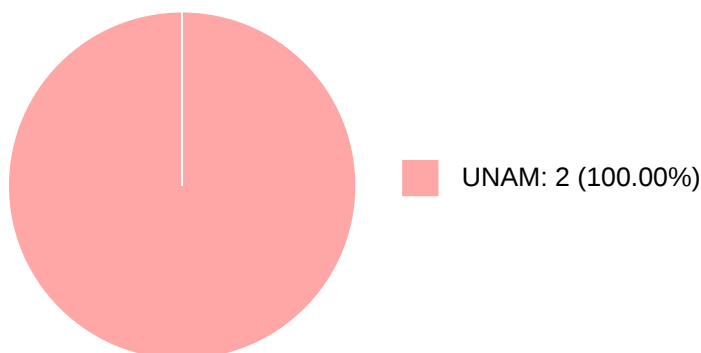


#	Título	Autores	Alcance	Año	ISBN
1	Road from Geochemistry to Geochemometrics	SURENDRA PAL VERMA JAISWAL	Libro Completo	2019	9789811392788
2	Análisis Estadístico de Datos Composicionales	SURENDRA PAL VERMA JAISWAL	Libro Completo	2017	9786070289361
3	Application of a coherent multi-dimensional technique to the central part of the Mexican Volcanic Belt	SURENDRA PAL VERMA JAISWAL	Conferenc e Paper	2014	9789381891254
4	Comparative performance of thirteen single outlier discordancy tests from Monte Carlo simulations	SURENDRA PAL VERMA JAISWAL Rosales-Rivera M. Díaz-González L.	Conferenc e Paper	2014	9789381891254
5	Tectonomagmatic origin of igneous rocks from the western Mexican Volcanic Belt	SURENDRA PAL VERMA JAISWAL PANDARINATH KAILASA	Conferenc e Paper	2014	9789381891254
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7	TEMPERATURE-INDUCED STATE CHANGES IN THYMOCYTE PLASMA MEMBRANE PROTEINS AND LIPIDS: EFFECT OF CONCANAVALIN A.	SURENDRA PAL VERMA JAISWAL Schmidt-Ullrich R. Wallach D.F.H.	Conferenc e Paper	1980	044486038X

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

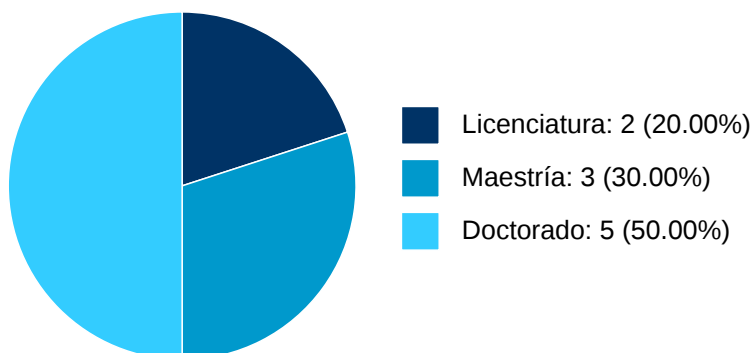


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Clasificación Multidimensional de Rocas Ígneas - programas computacionales	SURENDRA PAL VERMA JAISWAL	Presupuesto de la UNAM asignado a la Dependencia	01-01-2017	31-12-2018
2	Actualización de la base de datos geoquímicos.	SURENDRA PAL VERMA JAISWAL	Presupuesto de la UNAM asignado a la Dependencia	01-01-2019	31-12-2021

SURENDRA PAL VERMA JAISWAL

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Nuevos diagramas y software para la clasificación de rocas ígneas alteradas con aplicación a campos geotérmicos	Tesis de Doctorado	SURENDRA PAL VERMA JAISWAL,	Rivera Gómez, María Abdelaly,	Instituto de Energías Renovables,	2017
2	Programa computacional en 3-D para el conjunto de yacimiento geotérmico y cámara magmática : aplicación en el campo geotérmico de Los Humeros, Puebla	Tesis de Licenciatura	SURENDRA PAL VERMA JAISWAL,	Gómez Arias, Efraín,	Centro de Investigación en Energía,	2012
3	Desarrollo de software para el procesamiento estadístico de datos univariados y su aplicación a campos geotérmicos	Tesis de Maestría	SURENDRA PAL VERMA JAISWAL,	Cruz Huicochea, Rene,	Centro de Investigación en Energía,	2012
4	New discrimination and classification diagrams for igneous rocks and application to geothermal fiels	Tesis de Doctorado	SURENDRA PAL VERMA JAISWAL,	Kumar Verma, Sanjeet,	Centro de Investigación en Energía,	2012

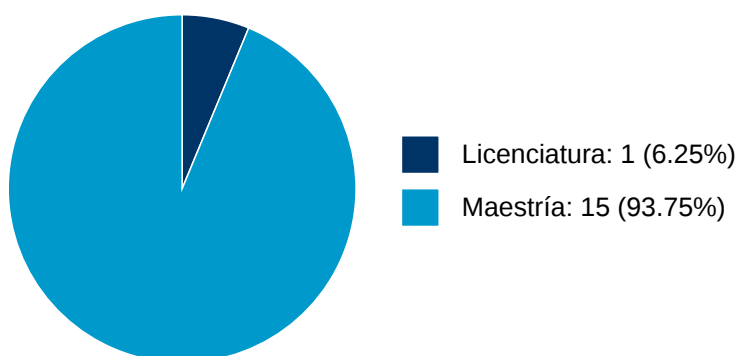
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5	Three dimensional temperature simulation of the las Tres Vírgenes geothermal field, Baja California Sur, México, from cooling of two magma chambers	Tesis de Maestría	SURENDRA PAL VERMA JAISWAL,	Guerrero Martínez, Fernando Javier,	Centro de Investigación en Energía,	2012
6	Software para la aplicación de diagramas de discriminación tectonomagmática a campos geotérmicos	Tesis de Maestría	SURENDRA PAL VERMA JAISWAL,	Rivera Gómez, María Abdelaly,	Centro de Investigación en Energía,	2010
7	Eficiencias relativas de 15 pruebas de discordancia con 33 variantes y evaluación de diagramas de clasificación para rocas alteradas y aplicación en el campo geotérmico de Los Azufres, Michoacán, México	Tesis de Doctorado	SURENDRA PAL VERMA JAISWAL,	González Ramírez, Rosalinda,	Centro de Investigación en Energía,	2009
8	Simulación numérica en 3-D de temperaturas y elementos químicos mayores en el campo geotérmico de Los Hornos, Puebla	Tesis de Doctorado	SURENDRA PAL VERMA JAISWAL,	Andaverde Arredondo, Jorge Alberto,		2007
9	Aspectos geoestadísticos en geoquímica analítica : aplicación en el modelado geoquímico e isotópico de la sierra de Chichinautzin, cinturón volcánico mexicano	Tesis de Doctorado	SURENDRA PAL VERMA JAISWAL,	Velasco Tapia, Fernando,		2001
10	Programas de computo para la recopilación de coeficientes de partición con mayor relevancia en procesos magmáticos	Tesis de Licenciatura	SURENDRA PAL VERMA JAISWAL,	Sanchez Guerrero, Irma,		1991

SURENDRA PAL VERMA JAISWAL

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TEMAS SELECTOS DE SISTEMAS ENERGÉTICOS MANEJO ESTADISTICO DE DATOS EXPERIMENTALES	Instituto de Energías Renovables	2	2020-2
2	Maestría	TEMAS SELECTOS DE SISTEMAS ENERGÉTICOS MANEJO ESTADISTICO DE DATOS EXPERIMENTALES	Instituto de Energías Renovables	4	2020-1
3	Maestría	ACTIVIDADES ACADÉMICAS ORIENTADAS A LA GRADUACIÓN	Instituto de Energías Renovables	1	2019-2
4	Maestría	PROYECTO DE INVESTIGACIÓN II	Instituto de Energías Renovables	1	2019-1
5	Maestría	PROYECTO DE INVESTIGACIÓN III	Instituto de Energías Renovables	1	2019-1
6	Maestría	PROYECTO DE INVESTIGACION I	Instituto de Energías Renovables	1	2018-2
7	Maestría	TEMAS SELECTOS DE FUENTES RENOVABLES,ESTADISTICA PARA DATOS EXPERIMENTALES	Instituto de Energías Renovables	11	2018-2
8	Maestría	TEMAS SELECTOS DE FUENTES RENOVABLES	Centro de Investigación en Energía	1	2013-1
9	Licenciatura	PROBABILIDAD Y ESTADISTICA	Centro de Investigación en Energía	10	2013-1
10	Maestría	TEMAS SELECTOS DE FUENTES RENOVABLES	Centro de Investigación en Energía	6	2012-2

SURENDRA PAL VERMA JAISWAL

11	Maestría	PROYECTO DE INVESTIGACION II	Centro de Investigación en Energía	1	2012-1
12	Maestría	PROYECTO DE INVESTIGACION II	Centro de Investigación en Energía	1	2011-2
13	Maestría	PROYECTO DE INVESTIGACION I	Centro de Investigación en Energía	1	2011-2
14	Maestría	PROYECTO DE INVESTIGACION I	Centro de Investigación en Energía	1	2010-2
15	Maestría	PROYECTO DE INVESTIGACION II	Centro de Investigación en Energía	1	2010-1
16	Maestría	PROYECTO DE INVESTIGACION I	Centro de Investigación en Energía	1	2009-2



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



SURENDRA PAL VERMA JAISWAL

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