

# Pandarínath Kailasa

## List of Publications by Year in descending order

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34  
papers

607  
citations

687363

13  
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610901

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34  
docs citations

34  
times ranked

444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution of hypogene alteration and fluid evolution in the Los Humeros Geothermal Field (Puebla,) Tj ETQq1 1 Geochemistry, 2022, 136, 105159.	0.784314 3.0	rgBT /Ove 6
2	Application potential of chemical weathering indices in the identification of hydrothermally altered surface volcanic rocks from geothermal fields. Geosciences Journal, 2022, 26, 415-442.	1.2	5
3	GaS_GeoT: A computer program for an effective use of newly improved gas geothermometers in predicting reliable geothermal reservoir temperatures. Geothermal Energy, 2021, 9, .	1.9	8
4	Mineralogical and geochemical changes due to hydrothermal alteration of the volcanic rocks at Acoculco geothermal system, Mexico. Geological Journal, 2020, 55, 6508-6526.	1.3	9
5	A rock magnetic fingerprint of hydrothermal alteration in volcanic rocks - An example from the Los Azufres Geothermal Field, Mexico. Journal of South American Earth Sciences, 2019, 91, 260-271.	1.4	7
6	CCWater " A computer program for chemical classification of geothermal waters. Geosciences Journal, 2019, 23, 621-635.	1.2	6
7	Statistically Coherent Calibration of X-Ray Fluorescence Spectrometry for Major Elements in Rocks and Minerals. Journal of Spectroscopy, 2018, 2018, 1-13.	1.3	24
8	Mineralogical, chemical, and Sr-Nd isotopic effects of hydrothermal alteration of near-surface rhyolite in the Los Azufres geothermal field, Mexico. Lithos, 2018, 322, 347-361.	1.4	10
9	Multidimensional classification of magma types for altered igneous rocks and application to their tectonomagmatic discrimination and igneous provenance of siliciclastic sediments. Lithos, 2017, 278-281, 321-330.	1.4	30
10	Solute geothermometry of Cerro Prieto and Los Humeros geothermal fields, Mexico: considerations on chemical characteristics of thermal water. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	7
11	Evaluation of the ongoing rifting and subduction processes in the geochemistry of magmas from the western part of the Mexican Volcanic Belt. Journal of South American Earth Sciences, 2016, 66, 125-148.	1.4	18
12	Tectonomagmatic Origin of Igneous Rocks from the Western Mexican Volcanic Belt. , 2016, , 455-459.		0
13	Evaluation of the solute geothermometry of thermal springs and drilled wells of La Primavera (Cerritos Colorados) geothermal field, Mexico: A geochemometrics approach. Journal of South American Earth Sciences, 2015, 62, 109-124.	1.4	11
14	Solute and gas geothermometry of geothermal wells: a geochemometrics study for evaluating the effectiveness of geothermometers to predict deep reservoir temperatures. International Geology Review, 2014, 56, 2015-2049.	2.1	13
15	Tectonomagmatic origin of Precambrian rocks of Mexico and Argentina inferred from multi-dimensional discriminant-function based discrimination diagrams. Journal of South American Earth Sciences, 2014, 56, 468-484.	1.4	8
16	Testing of the recently developed tectonomagmatic discrimination diagrams from hydrothermally altered igneous rocks of 7 geothermal fields. Turkish Journal of Earth Sciences, 2014, 23, 412-426.	1.0	12
17	Magnetic susceptibility of volcanic rocks in geothermal areas: application potential in geothermal exploration studies for identification of rocks and zones of hydrothermal alteration. Arabian Journal of Geosciences, 2014, 7, 2851-2860.	1.3	15
18	Fifteen new discriminant-function-based multi-dimensional robust diagrams for acid rocks and their application to Precambrian rocks. Lithos, 2013, 168-169, 113-123.	1.4	94

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19	Application of four sets of tectonomagmatic discriminant function based diagrams to basic rocks from northwest Mexico. <i>Journal of Iberian Geology</i> , 2013, 39, .	1.3	9
20	Geochemistry in Mexico. <i>Cuadernos De Geología Ibérica</i> , 2013, 39, .	0.6	0
21	Statistical evaluation of tectonomagmatic discrimination diagrams for granitic rocks and proposal of new discriminant-function-based multi-dimensional diagrams for acid rocks. <i>International Geology Review</i> , 2012, 54, 325-347.	2.1	53
22	Evaluation of Recent Tectonomagmatic Discrimination Diagrams and their Application to the Origin of Basic Magmas in Southern Mexico and Central America. <i>Pure and Applied Geophysics</i> , 2011, 168, 1501-1525.	1.9	17
23	Solute geothermometry of springs and wells of the Los Azufres and Las Tres Virgenes geothermal fields, Mexico. <i>International Geology Review</i> , 2011, 53, 1032-1058.	2.1	16
24	Evaluation of the odd-even effect in limits of detection for electron microprobe analysis of natural minerals. <i>Analytica Chimica Acta</i> , 2009, 638, 126-132.	5.4	9
25	Clay minerals in SW Indian continental shelf sediment cores as indicators of provenance and palaeomonsoonal conditions: a statistical approach. <i>International Geology Review</i> , 2009, 51, 145-165.	2.1	31
26	Element mobility during the hydrothermal alteration of rhyolitic rocks of the Los Azufres geothermal field, Mexico. <i>Geothermics</i> , 2008, 37, 53-72.	3.4	48
27	SolGeo: A new computer program for solute geothermometers and its application to Mexican geothermal fields. <i>Geothermics</i> , 2008, 37, 597-621.	3.4	60
28	X-Ray Diffraction Analysis of Hydrothermal Minerals from the Los Azufres Geothermal System, Mexico. <i>International Geology Review</i> , 2006, 48, 174-190.	2.1	10
29	Fluid chemistry and temperatures prior to exploitation at the Las Tres Virgenes geothermal field, Mexico. <i>Geothermics</i> , 2006, 35, 156-180.	3.4	34
30	Dating of Sediment Layers and Sediment Accumulation Studies along the Western Continental Margin of India: A Review. <i>International Geology Review</i> , 2004, 46, 939-956.	2.1	8
31	Geomorphology, tectonism and sedimentation in the Nal region, western India. <i>Geomorphology</i> , 1998, 25, 207-223.	2.6	9
32	Computer program for the determination of grain-size statistics and sediment transport direction. <i>Computers and Geosciences</i> , 1993, 19, 735-743.	4.2	6
33	Clay minerals and trace metal association in the Gangolli estuarine Sediments, West Coast of India. <i>Estuarine, Coastal and Shelf Science</i> , 1992, 35, 363-370.	2.1	12
34	STATISTICALLY CORRECT METHODOLOGY FOR COMPOSITIONAL DATA IN NEW DISCRIMINANT FUNCTION TECTONOMAGMATIC DIAGRAMS AND APPLICATION TO OPHIOLITE ORIGIN. , 0, , 11-22.		2