

# Pandarínath Kailasa

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

607  
citations

687363

13  
h-index

610901

24  
g-index

34  
all docs

34  
docs citations

34  
times ranked

444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fifteen new discriminant-function-based multi-dimensional robust diagrams for acid rocks and their application to Precambrian rocks. <i>Lithos</i> , 2013, 168-169, 113-123.	1.4	94
2	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
3	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
4	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
5	Fluid chemistry and temperatures prior to exploitation at the Las Tres VÃrgenes geothermal field, Mexico. <i>Geothermics</i> , 2006, 35, 156-180.	3.4	34
6	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
7	Multidimensional classification of magma types for altered igneous rocks and application to their tectonomagmatic discrimination and igneous provenance of siliciclastic sediments. <i>Lithos</i> , 2017, 278-281, 321-330.	1.4	30
8	Statistically Coherent Calibration of X-Ray Fluorescence Spectrometry for Major Elements in Rocks and Minerals. <i>Journal of Spectroscopy</i> , 2018, 2018, 1-13.	1.3	24
9	Evaluation of the ongoing rifting and subduction processes in the geochemistry of magmas from the western part of the Mexican Volcanic Belt. <i>Journal of South American Earth Sciences</i> , 2016, 66, 125-148.	1.4	18
10	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
11	Solute geothermometry of springs and wells of the Los Azufres and Las Tres VÃrgenes geothermal fields, Mexico. <i>International Geology Review</i> , 2011, 53, 1032-1058.	2.1	16
12	Magnetic susceptibility of volcanic rocks in geothermal areas: application potential in geothermal exploration studies for identification of rocks and zones of hydrothermal alteration. <i>Arabian Journal of Geosciences</i> , 2014, 7, 2851-2860.	1.3	15
13	Solute and gas geothermometry of geothermal wells: a geochemometrics study for evaluating the effectiveness of geothermometers to predict deep reservoir temperatures. <i>International Geology Review</i> , 2014, 56, 2015-2049.	2.1	13
14	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
15	Testing of the recently developed tectonomagmatic discrimination diagrams from hydrothermally altered igneous rocks of 7 geothermal fields. <i>Turkish Journal of Earth Sciences</i> , 2014, 23, 412-426.	1.0	12
16	Evaluation of the solute geothermometry of thermal springs and drilled wells of La Primavera (Cerritos Colorados) geothermal field, Mexico: A geochemometrics approach. <i>Journal of South American Earth Sciences</i> , 2015, 62, 109-124.	1.4	11
17	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
18	Mineralogical, chemical, and Sr-Nd isotopic effects of hydrothermal alteration of near-surface rhyolite in the Los Azufres geothermal field, Mexico. <i>Lithos</i> , 2018, 322, 347-361.	1.4	10

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19	Geomorphology, tectonism and sedimentation in the Nal region, western India. <i>Geomorphology</i> , 1998, 25, 207-223.	2.6	9
20	Evaluation of the oddâ€“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
21	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
22	Mineralogical and geochemical changes due to hydrothermal alteration of the volcanic rocks at Acoculco geothermal system, Mexico. <i>Geological Journal</i> , 2020, 55, 6508-6526.	1.3	9
23	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
24	Tectonomagmatic origin of Precambrian rocks of Mexico and Argentina inferred from multi-dimensional discriminant-function based discrimination diagrams. <i>Journal of South American Earth Sciences</i> , 2014, 56, 468-484.	1.4	8
25	GaS_GeoT: A computer program for an effective use of newly improved gas geothermometers in predicting reliable geothermal reservoir temperatures. <i>Geothermal Energy</i> , 2021, 9, .	1.9	8
26	Solute geothermometry of Cerro Prieto and Los Humeros geothermal fields, Mexico: considerations on chemical characteristics of thermal water. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	7
27	A rock magnetic fingerprint of hydrothermal alteration in volcanic rocks - An example from the Los Azufres Geothermal Field, Mexico. <i>Journal of South American Earth Sciences</i> , 2019, 91, 260-271.	1.4	7
28	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
29	CCWater â€“ A computer program for chemical classification of geothermal waters. <i>Geosciences Journal</i> , 2019, 23, 621-635.	1.2	6
30	Distribution of hypogene alteration and fluid evolution in the Los Humeros Geothermal Field (Puebla,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Geochemistry, 2022, 136, 105159.	3.0	6
31	Application potential of chemical weathering indices in the identification of hydrothermally altered surface volcanic rocks from geothermal fields. <i>Geosciences Journal</i> , 2022, 26, 415-442.	1.2	5
32	STATISTICALLY CORRECT METHODOLOGY FOR COMPOSITIONAL DATA IN NEW DISCRIMINANT FUNCTION TECTONOMAGMATIC DIAGRAMS AND APPLICATION TO OPHIOLITE ORIGIN. , 0, , 11-22.		2
33	Geochemistry in Mexico. <i>Cuadernos De GeologÃa IbÃ©rica</i> , 2013, 39, .	0.6	0
34	Tectonomagmatic Origin of Igneous Rocks from the Western Mexican Volcanic Belt. , 2016, , 455-459.		0