

# Thermal structure of the African continent based on ma renewable energy explorations in Africa

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#	ARTICLE	IF	CITATIONS
1	Structural and mineral exploration study at the transition zone between the North and the Central Eastern Desert, Egypt, using airborne magnetic and gamma-ray spectrometric data. <i>Geocarto International</i> , 2022, 37, 13098-13126.	3.5	4
2	Visualization Analysis on the Current Status and Development Trend of Geothermal Research: Insights Into the Database of Web of Science. <i>Frontiers in Energy Research</i> , 0, 10, .	2.3	1
3	Determination of Conrad and Curie point depth relationship with the variations in lithospheric structure, geothermal gradient and heat flow beneath the central main Ethiopian rift. <i>Heliyon</i> , 2022, , e11735.	3.2	2
4	The Curie depths of the United Arab Emirates: Implications for regional thermal structures and tectonic terranes. <i>Tectonophysics</i> , 2023, 848, 229721.	2.2	1
5	On the determination and interpretation of the lithospheric induced magnetisation. <i>Earth and Planetary Science Letters</i> , 2023, 606, 118038.	4.4	1
6	Discussion about "estimation of curie depth, geothermal gradient and near-surface heat flow from spectral analysis of aeromagnetic data in the loum-minta area (centre-east cameroon)" Egyptian <i>Journal of Petroleum</i> , 2023, 32, 75-79.	2.6	1
7	The overarching role of electric vehicles, power-to-hydrogen, and pumped hydro storage technologies in maximizing renewable energy integration and power generation in Sub-Saharan Africa. <i>Journal of Energy Storage</i> , 2023, 67, 107602.	8.1	6
8	Investigation of Carbonate Rock Thermal Conductivity as a Function of Temperature, Porosity and Fluid Saturation Using a Comparative Approach. , 2023, , .		0
10	Design optimization of medium-deep borehole heat exchanger for building heating under climate change. <i>Energy</i> , 2023, 282, 128371.	8.8	0
11	Lithospheric structural dynamics and geothermal modeling of the Western Arabian Shield. <i>Scientific Reports</i> , 2023, 13, .	3.3	6
12	Investigation of geothermal resources using a geophysical potential field in the Hurghada area, Egypt. <i>Exploration Geophysics</i> , 2024, 55, 166-181.	1.1	0
13	Lithospheric and asthenospheric properties of the saharan platform inferred from potential field, geoid and heat flow data. <i>Journal of African Earth Sciences</i> , 2024, 209, 105124.	2.0	0
14	A comprehensive study on transparent conducting oxides in compact microbial fuel cells: Integrated spectroscopic and electrochemical analyses for monitoring biofilm growth. <i>Biosensors and Bioelectronics</i> , 2024, 250, 116067.	10.1	0
15	3D gravity and magnetic inversion reveal geothermal structure dominated by radioactive heat production of granites in the Weihe basin. <i>Tectonophysics</i> , 2024, 874, 230237.	2.2	0
16	Understanding the crustal architecture beneath the Bangui magnetic anomaly and its interactions with central African tectonic megastructures based gravity and magnetic analysis. <i>Journal of Geodynamics</i> , 2024, 159, 102022.	1.6	0