Potassium-argon age measurements on dolerites from A

Journal of Geophysical Research 68, 1535-1545 DOI: 10.1029/jz068i005p01535

Citation Report

#	Article	IF	CITATIONS
1	Leakage of Radiogenic Argon and Strontium from Minerals in Proterozoic Dolerites from British Guiana. Nature, 1963, 198, 564-567.	27.8	41
2	Retention of Radiogenic Argon in Glauconites from Proterozoic Sediments, Northern Territory, Australia. Nature, 1963, 199, 270-271.	27.8	16
3	Paleomagnetic results from the Beardmore Glacier Region, Antarctica. New Zealand Journal of Geology, and Geophysics, 1963, 6, 388-394.	1.8	22
4	Kâ€Ar ages on some Central Queensland granites. Journal of the Geological Society of Australia, 1963, 10, 317-324.	0.6	11
5	Granites of lower Cretaceous age near Eungella, Queensland. Journal of the Geological Society of Australia, 1964, 11, 151-154.	0.6	15
6	Evaluation of some geotectonic hypotheses by paleomagnetism. Tectonophysics, 1964, 1, 3-71.	2.2	80
7	The significance of paleomagnetic results from Africa. Journal of Geophysical Research, 1964, 69, 2509-2519.	3.3	62
8	Isotopic ages from the eastern ghats and cuddapahs of India. Journal of Geophysical Research, 1964, 69, 3479-3486.	3.3	43
9	IG Bulletins: No. 82, No. 83. Transactions, American Geophysical Union, 1964, 45, 363-402.	0.1	2
10	Isotopic age determinations on precambrian rocks of the carpentaria region, Northern territory, Australia. Journal of the Geological Society of Australia, 1965, 12, 67-90.	0.6	62
11	Palaeomagnetic Measurements on some Karroo Dolerites from Rhodesia. Nature, 1965, 206, 921-922.	27.8	25
12	Palaeomagnetism and the Time of the Onset of Continental Drift. Nature, 1965, 207, 51-51.	27.8	8
13	Radiometric Age of the Serra Geral Formation. Nature, 1965, 207, 282-283.	27.8	29
15	Isotopic age determinations on granitic rocks from Tasmania. Journal of the Geological Society of Australia, 1965, 12, 295-332.	0.6	90
16	Isotope dating of Antarctic rocks. New Zealand Journal of Geology, and Geophysics, 1965, 8, 221-230.	1.8	13
18	Modal and element variation in Antarctic tholeiites. Geochimica Et Cosmochimica Acta, 1966, 30, 881-920.	3.9	94
19	Potassium-argon dates on the Serra Geral Formation of South America. Geochimica Et Cosmochimica Acta, 1966, 30, 191-195.	3.9	38
20	Paleomagnetic correlation of basic intrusions in the Precambrian of southern Africa. Journal of Geophysical Research, 1966, 71, 543-552.	3.3	59

#	Article	IF	CITATIONS
21	Potassium-argon ages of coexisting minerals from pyroxene-bearing granitic rocks in the Sierra Nevada, California. Journal of Geophysical Research, 1966, 71, 2157-2161.	3.3	13
22	K/Rb and K/Cs ratios in Karroo dolerites from South Africa. Journal of Geophysical Research, 1966, 71, 5439-5445.	3.3	18
23	Orogenic fold-belts and a hypothesis of earth evolution. Physics and Chemistry of the Earth, 1966, 7, 1-114.	0.3	24
24	RbSOr and KAr age measurements on the Modipe gabbro of Bechuanaland and South Africa. Earth and Planetary Science Letters, 1966, 1, 439-442.	4.4	17
25	Rubidium-strontium date from Mt. Byerly, West Antarctica. Earth and Planetary Science Letters, 1966, 1, 455-457.	4.4	6
26	Potassium-argon dates of basaltic rocks from Southern Brazil. Geochimica Et Cosmochimica Acta, 1966, 30, 159-189.	3.9	127
27	Neuere BeitrÃ g e zur Geochronologie und Geochemie. , 1966, , 233-321.		3
28	Union, section, and committee activities. Transactions, American Geophysical Union, 1966, 47, 255-332.	0.1	0
29	Formation of mineral deposits in relation to structural developments of the kaapvaal craton. Mineralium Deposita, 1966, 1, 201.	4.1	4
30	Age of the Vanda porphyry dikes in Wright Valley, southern Victoria Land, Antarctica. Earth and Planetary Science Letters, 1967, 3, 321-324.	4.4	11
31	Argon 40 in cogenetic feldspar-mica mineral assemblages. Journal of Geophysical Research, 1967, 72, 1361-1375.	3.3	33
32	Paleomagnetism of Jurassic and Cretaceous plutonic rocks in the Sierra Nevada, California, and its significance for polar wandering and continental drift. Journal of Geophysical Research, 1967, 72, 5661-5684.	3.3	54
33	Potassium-argon ages for core samples of basaltic rocks from Southern Brazil. Geochimica Et Cosmochimica Acta, 1967, 31, 1079-1089.	3.9	38
34	Potassium-argon ages of alkaline rocks from southern Brazil. Geochimica Et Cosmochimica Acta, 1967, 31, 117-142.	3.9	120
35	The Intensity of the Ancient Geomagnetic Field: A Review and Analysis. Geophysical Journal of the Royal Astronomical Society, 1967, 12, 321-362.	0.2	106
36	Ancient Geomagnetic Field IntensitiesII Geological Data: Sets G1-G21 Historic and Archeological Data: H10-H13. Geophysical Journal International, 1967, 13, 483-486.	2.4	26
37	Age of the Paresis Complex, South-West Africa. Nature, 1967, 216, 1197-1198.	27.8	20
38	The southern extension of the East African Rift System and related igneous activity. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1968, 57, 601-614.	1.3	52

#	Article	IF	CITATIONS
39	The Uranium-lead isotopic dating of South African acid lavas. Bulletin of Volcanology, 1968, 32, 481-498.	3.0	8
40	Paleomagnetism of the Nuanetsi Igneous Province and its bearing upon the sequence of Karroo igneous activity in southern Africa. Journal of Geophysical Research, 1968, 73, 1389-1397.	3.3	23
41	Geological and geophysical implications of paleomagnetic results from Africa. Reviews of Geophysics, 1968, 6, 201-238.	23.0	126
42	Cretaceous K-Ar ages from Pacific Ocean seamounts. Earth and Planetary Science Letters, 1968, 4, 47-52.	4.4	29
43	A comparison of methods in geochronology. Earth-Science Reviews, 1968, 4, 5-38.	9.1	4
44	Geochemical comparison of the mesozoic basaltic rocks of Antarctica, South Africa, South America and Tasmania. Geochimica Et Cosmochimica Acta, 1968, 32, 129-149.	3.9	135
45	The geology of the region between the Mawson and Priestley Glaciers, North Victoria Land, Antarctica. New Zealand Journal of Geology, and Geophysics, 1968, 11, 1041-1075.	1.8	22
46	Test for polar wandering and some possible implications. Journal of Geophysical Research, 1969, 74, 1026-1036.	3.3	43
47	Potassium-argon dating of basaltic rocks. Journal of Geophysical Research, 1969, 74, 1082-1086.	3.3	15
48	Paleomagnetism of the southern continents and plate tectonics. Earth and Planetary Science Letters, 1969, 6, 93-106.	4.4	19
49	Tectonism and eustasy in the Jurassic. Earth-Science Reviews, 1969, 5, 45-68.	9.1	38
50	Age and correlation of the Nimrod Group and other precambrian rock units in the central Transantarctic Mountains, Antarctica. New Zealand Journal of Geology, and Geophysics, 1969, 12, 391-411.	1.8	48
51	The Fit of the Southern Continents. Nature, 1970, 225, 139-144.	27.8	548
52	Fit between Africa and Antarctica: A Continental Drift Reconstruction. Science, 1970, 167, 1612-1614.	12.6	39
53	The Rajmahal Traps of India — KAr ages and palaeomagnetism. Earth and Planetary Science Letters, 1970, 9, 371-378.	4.4	89
54	Eustatic changes of sea-level and orogeny in the Jurassic. Tectonophysics, 1970, 9, 347-363.	2.2	11
55	Advances in kimberlite geology. Earth-Science Reviews, 1971, 7, 187-214.	9.1	147
56	Location of Ancient Mid-oceanic Rises. Nature: Physical Science, 1971, 229, 204-205.	0.8	0

CITATION REPORT ARTICLE IF CITATIONS Potassium-argon radioages of karroo volcanic rocks from Lesotho. Bulletin of Volcanology, 1971, 35, 3.0 27 64-84. Flood traps through space and time and their bearing on some problems of geotectonics. Bulletin of Volcanology, 1971, 35, 539-563. Palaeomagnetism and radiometric age of the Jurassic Chon Aike formation from Santa Cruz Province, Argentina: implications for the opening of the South Atlantic. Earth and Planetary Science Letters, 4.4 31 1972, 14, 131-138. Some geochronological observations on the Precambrians of Chotanagpur, Bihar, India. Geological Magazine, 1973, 110, 477-482. The age relationship of igneous activity and continental break-up. Geological Magazine, 1973, 110, 1.5 50 227-234. Isotopic Composition of strontium and geologic history of the basement rocks of Wright Valley, Southern Victoria Land, Antarctica. New Zealand Journal of Geology, and Geophysics, 1974, 17, 611-627. 1.8 Geology of the Lower Rennick Glacier, Northern Victoria Land, Antarctica. New Zealand Journal of 1.8 62 Geology, and Geophysics, 1974, 17, 659-714. Australian palaeomagnetism and the Phanerozoic plate tectonics of eastern Gondwanaland. Tectonophysics, 1974, 22, 1-29. Geochemistry of the Cenozoic Volcanic Rocks of Ross Island and Vicinity, Antarctica. Journal of 59 1.4 Geology, 1975, 83, 415-435. Aspects of some high magnesia eruptives in Southern Africa. Contributions To Mineralogy and 3.1 Petrology, 1975, 51, 99-118. RBâ€"SR AGE DETERMINATIONS ON SOUTH AFRICAN KIMBERLITE PIPES., 1975, , 605-617. 6 Rbî—, Sr age determinations on South African kimberlite pipes. Physics and Chemistry of the Earth, 1975, 9, 0.3 105 605-617. Potassiumâ€argon ages for some Australian Mesozoic igneous rocks. Journal of the Geological Society 0.6 89 of Australia, 1976, 23, 1-9. A new palaeomagnetic investigation of Mesozoic igneous rocks in Australia. Tectonophysics, 1976, 33, 2.2 39 1-13. Chronology of Mesozoic volcanics of India. Proceedings of the Indian Academy of Sciences - Section A, 0.2 35 1976, 84, 157-179. Episodic mesozoic volcanism in Namibia and Brazil: A $K\hat{a}\in$ "Ar Isochron study bearing on the opening of 4.4 the south atlantic. Earth and Planetary Science Letters, 1976, 30, 292-302. Strontium isotopic geochemistry of the volcanic rocks and associated megacrysts and inclusions 3.132 from Ross Island and vicinity, Antarctica. Contributions To Mineralogy and Petrology, 1976, 58, 111-126.

74	Interpretation of discordant 40Ar/39Ar age-spectra of mesozoic tholeiites from antarctica. Geochimica Et Cosmochimica Acta, 1977, 41, 15-32.	3.9	578
----	---	-----	-----

#

57

59

61

63

64

65

67

68

69

71

73

ARTICLE IF CITATIONS # Revised palaeomagnetic data for the Australian Mesozoic and a synthesis of late Palaeozoicâ€"Mesozoic 75 2.2 19 results for Gondwanaland. Tectonophysics, 1977, 38, 355-364. Paleomagnetism of ordovician lamprophyres from Taylor Valley, Victoria Land, Antarctica. Pure and Applied Geophysics, 1977, 115, 961-977. 77 Origin of chlorine and bromine in the oceans. Nature, 1978, 273, 631-636. 27.8 127 Tectonic development of late Precambrian to Mesozoic Australia through plate motions possibly influenced by the Earth's rotation. Journal of the Geological Society of Australia, 1978, 25, 1-21. A revision of the existing stratigraphy of the New Mountain Sandstone (Beacon Supergroup), South 79 1.8 9 Victoria Land, Antarctica. New Zealand Journal of Geology, and Geophysics, 1978, 21, 167-173. Kâ€"Ar age, composition, and origin of Mesozoic mafic rocks related to Ferrar Group, Pensacola 1.8 Mountains, Antarctica. New Zealand Journal of Geology, and Geophysics, 1980, 23, 371-390. 81 An attempt at argon dating of two granulite-facies terranes. Chemical Geology, 1980, 30, 109-120. 3.3 18 A radiometric time scale of the Triassic. Journal of the Geological Society of Australia, 1981, 28, 107-121. Aeromagnetic survey of Ross Island, McMurdo Sound, and the dry valleys. Antarctic Research Series, 83 0.2 13 1981, , 7-25. Morphometric Analyses of Antarctic Cirques from Photogrammetric Measurements. Geografiska 84 1.5 Annaler, Series A: Physical Geography, 1981, 63, 41-53. Strontium isotope composition of volcanic rocks: Evidence for contamination of the Kirkpatrick 0.1 9 85 Basalt, Antarctica. Geodynamic Series, 1981, , 75-81. A general account of Karoo vulcanicity in southern Africa. Geologische Rundschau: Zeitschrift Fur 1.3 86 Allgemeine Geologie, 1983, 72, 1015-1059. A review of Karoo vulcanicity in Southern Africa. Bulletin of Volcanology, 1983, 46, 135-159. 87 3.0 18 Compilation of Isotopic Dates from Antarctica. Radiocarbon, 1985, 27, 117-304. 1.8 Remagnetizations in late Permian and early triassic rocks from southern Africa and their implications 89 18 4.4 for Pangea reconstructions. Earth and Planetary Science Letters, 1986, 79, 412-418. Potassium-argon age determinations of Ferrar Group rocks, central Transantarctic Mountains. Antarctic Research Series, 1986, , 197-224. A possible relation between pulses of platform activation and plate kinematics. Tectonophysics, 1987, 91 2.2 10 143, 43-57. The Karoo igneous province â€" A problem area for inferring tectonic setting from basalt 2.1 99 geochemistry. Journal of Volcanology and Geothermal Research, 1987, 32, 13-34.

#	Article	IF	CITATIONS
93	Flood Basalt Volcanism During the Past 250 Million Years. Science, 1988, 241, 663-668.	12.6	339
94	Flood Basalts and Hot-Spot Tracks: Plume Heads and Tails. Science, 1989, 246, 103-107.	12.6	1,154
95	40Ar/39Ar dating of 1.0–1.1 Ga magnetizations from the Sa˜o Francisco and Kalahari cratons: tectonic implications for Pan-African and Brasiliano mobile belts. Earth and Planetary Science Letters, 1990, 101, 349-366.	4.4	100
96	Late Proterozoic paleomagnetism and tectonic models: a critical appraisal. Precambrian Research, 1991, 53, 149-163.	2.7	48
97	Correlation of a dyke swarn in southeastern Botswana with the Pilanesberg dyke swarm, South Africa. Journal of African Earth Sciences (and the Middle East), 1991, 12, 525-531.	0.2	8
98	Kĩ—,Ar dates and paleomagnetic evidence for Cretaceous alteration of Mesozoic basaltic lava flows, Mesa Range, northern Victoria Land, Antarctica. Chemical Geology, 1993, 109, 305-315.	3.3	17
99	Potassium-argon dating of fine-grained basalts with massive Ar loss: Application of the 40Ar39Ar technique to plagioclase and glass from the Kirkpatrick Basalt, Antarctica. Chemical Geology, 1993, 107, 173-190.	3.3	78
100	Paleomagnetic Constraints on the Rodinia Supercontinent: Implications for its Neoproterozoic Break-up and the Formation of Gondwana. International Geology Review, 1998, 40, 171-188.	2.1	29
101	Implications of a new 40Ar/ 39Ar age for a basalt flow interbedded with the Etjo Formation, Northeast Namibia. South African Journal of Geology, 2003, 106, 281-286.	1.2	9
102	K–Ar geochronology of a middle Miocene submarine volcano-plutonic complex in southwest Japan. Geological Magazine, 2004, 141, 1-13.	1.5	8
103	Mesoproterozoic intraplate magmatism in the Kalahari Craton: A review. Journal of African Earth Sciences, 2006, 46, 141-167.	2.0	99
104	Palaeomagnetic Directions and Pole Positions, Part VI Numbers 6/1 to 6/73. Geophysical Journal of the Royal Astronomical Society, 2007, 8, 249-257.	0.2	19
105	Palaeomagnetism and K-Ar Ages of the South-west African Basalts and their Bearing on the Time of Initial Rifting of the South Atlantic Ocean. Geophysical Journal of the Royal Astronomical Society, 0, 42, 1-20.	0.2	45
106	Geochronology and the evolution of Australia in the Mesozoic. Australian Journal of Earth Sciences, 2008, 55, 849-864.	1.0	10
107	Stratigraphy of the Ohio Range, Antarctica. Antarctic Research Series, 2013, , 71-116.	0.2	15
108	Igneous and Metamorphic Rocks of the Ohio Range, Horlick Mountains, Antarctica. Antarctic Research Series, 0, , 117-125.	0.2	2
109	Stratigraphy and Petrography, Mount Gran Area, Southern Victoria Land, Antarctica ¹ . Antarctic Research Series, 0, , 145-175.	0.2	3
110	Glacial Geology of the Victoria Valley System, Southern Victoria Land, Antarctica. Antarctic Research Series, 2013, , 363-412.	0.2	12

#	Article	IF	CITATIONS
112	Timing and genesis of the Karoo-Ferrar large igneous province: New high precision U-Pb data for Tasmania confirm short duration of the major magmatic pulse. Chemical Geology, 2017, 455, 32-43.	3.3	73
113	40Ar/39Ar geochronology of terrestrial pyroxene. Geochimica Et Cosmochimica Acta, 2018, 230, 112-136.	3.9	21
114	The Precambrian Mafic Magmatic Record, Including Large Igneous Provinces of the Kalahari Craton and Its Constituents: A Paleogeographic Review. Springer Geology, 2019, , 155-214.	0.3	6
115	Regional geological formation and speleogenesis of the â€ ⁻ Fossil Hominid Sites of South Africa' UNESCO World Heritage Site. Earth-Science Reviews, 2019, 188, 498-513.	9.1	4
116	Revisiting the thermally metamorphosed coals of the Transantarctic Mountains, Antarctica. International Journal of Coal Geology, 2020, 228, 103550.	5.0	9
117	Damodar Graben: A Centre of Contrasting Magmatism in the Eastern Indian Shield Margin. Proceedings of the International Conferences on Basement Tectonics, 1999, , 179-202.	0.1	8
118	Geology and Morphology of Antarctica. Monographiae Biologicae, 1965, , 1-71.	0.1	39
119	OROGENIC FOLD-BELTS AND A HYPOTHESIS OF EARTH EVOLUTION. , 1966, , 1-114.		7
120	Retrospective on the plate tectonic revolution focusing on K/Ar dating, linear volcanic chains and the geomagnetic polarity time scale. Earth Sciences History, 2013, 32, 313-331.	0.2	5
121	K-Ar AGE OF PLAGIOCLASE FROM A KITA-MATSUURA BASALT AND THE RELIABILITY OF PLAGIOCLASE K-Ar AGE. Journal of the Geological Society of Japan, 1971, 77, 389-392.	0.6	5
122	Investigation of the paleomagnetism of the basement complex of Wright Valley, southern Victoria Land, Antarctica Journal of Geomagnetism and Geoelectricity, 1984, 36, 529-563.	0.9	8
123	Ferrar Group: Dolerite Sills and the Dufek Intrusion. , 2011, , 415-469.		0
124	The Ferrar Group: Kirkpatrick Basalt. , 2011, , 373-414.		0
125	A Critical Review of the Evidence for a Former Direct Connection of South America with Africa. , 1969, , 25-53.		2
127	Gondwanaland: Disruption of a Supercontinent. , 1975, , 223-251.		0
128	Ian McDougall 1935–2018. Historical Records of Australian Science, 2023, ,	0.6	0