

# CITATION REPORT

List of articles citing

An interpretation of Karoo picrite basalts in terms of interaction between asthenospheric magmas and the mantle lithosphere

DOI: 10.1016/0012-821x(91)90141-4  
Earth and Planetary Science Letters, 1991, 105, 330-342.

**Source:** <https://exaly.com/paper-pdf/22080573/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
211	The mantle origins of Karoo picrites. <i>Earth and Planetary Science Letters</i> , <b>1991</b> , 107, 256-271	5.3	30
210	Karoo igneous activity, and the early stages of the break-up of Gondwanaland. <b>1992</b> , 68, 137-148		89
209	Paran�magmatism and the opening of the South Atlantic. <b>1992</b> , 68, 221-240		81
208	Tertiary picrites in West Greenland: melting at the periphery of a plume?. <b>1992</b> , 68, 335-348		31
207	Chapter 4 Geochemistry and Significance of Mafic Dyke Swarms in the Proterozoic. <b>1992</b> , 10, 151-179		36
206	The role of lithospheric mantle in continental flood volcanism: Thermal and geochemical constraints. <b>1992</b> , 97, 10967		259
205	Consequences of plume-lithosphere interactions. <b>1992</b> , 68, 41-60		193
204	Coats Land dolerites and the generation of Antarctic continental flood basalts. <b>1992</b> , 68, 185-208		29
203	Basaltic magmatism in the North Sea and its relationship to lithospheric extension. <b>1992</b> , 208, 77-90		22
202	Basaltic magmatism in the North Sea and its relationship to lithospheric extension. <b>1992</b> , 77-90		
201	Dehydration melting and the generation of continental flood basalts. <b>1992</b> , 358, 57-59		308
200	Evidence from Re�Os isotopes for plume�lithosphere mixing in Karoo flood basalt genesis. <b>1992</b> , 359, 718-721		149
199	Vein-plus-wall-rock melting mechanisms in the lithosphere and the origin of potassic alkaline magmas. <i>Lithos</i> , <b>1992</b> , 28, 435-453	2.9	504
198	Remobilisation of the continental lithosphere by a mantle plume: major-, trace-element, and Sr-, Nd-, and Pb-isotope evidence from picritic and tholeiitic lavas of the Noril'sk District, Siberian Trap, Russia. <b>1993</b> , 114, 171-188		303
197	Phase relations of a natural MARID composition and implications for MARID genesis, lithospheric melting and mantle metasomatism. <b>1993</b> , 115, 225-241		61
196	Mantle hotspots, plumes and regional tectonics as causes of intraplate magmatism. <b>1993</b> , 5, 552-559		59
195	The evolution of the mantle's chemical structure. <i>Lithos</i> , <b>1993</b> , 30, 389-399	2.9	63

194	Mantle and crustal contributions to continental flood volcanism. <b>1993</b> , 223, 39-52		190
193	Differentiation and source of the Nipissing Diabase intrusions, Ontario, Canada. <b>1993</b> , 30, 1123-1140		22
192	Elemental evidence for an enriched small-fraction-melt input into Tertiary Mull basalts, Western Scotland. <b>1993</b> , 150, 763-769		13
191	Early Miocene continental extension-related basaltic magmatism at Walton Peak, northwest Colorado: further evidence on continental basalt genesis. <b>1993</b> , 150, 277-292		7
190	Isotopic and trace-element constraints on mantle and crustal contributions to Siberian continental flood basalts, Noril'sk area, Siberia. <b>1993</b> , 57, 3677-3704		264
189	Magmatism in the Gregory Rift, East Africa: Evidence for Melt Generation by a Plume. <b>1993</b> , 34, 1007-1027		58
188	Geochemistry of PalaeozoicâMesozoic Pacific rim orogenic magmatism, Thurston Island area, West Antarctica. <b>1993</b> , 5, 281-296		20
187	The Serra do Bueno potassic diatreme: a possible hypabyssal equivalent of the ultramafic alkaline volcanics in the Late Cretaceous Alto Paranaíba Igneous Province, SE Brazil. <b>1994</b> , 58, 357-373		10
186	Geochemistry and Petrogenesis of Three Series of Cenozoic Basalts from Southeastern China. <i>International Geology Review</i> , <b>1994</b> , 36, 435-451	2.3	18
185	Proterozoic continental volcanism in the Belcher Islands: implications for the evolution of the Circum Ungava Fold Belt. <b>1994</b> , 31, 1536-1549		19
184	Mineralogical and geochemical study of granular xenoliths from the Alban Hills volcano, Central Italy: bearing on evolutionary processes in potassic magma chambers. <b>1994</b> , 115, 384-401		43
183	A role for lower continental crust in flood basalt genesis? Isotopic and incompatible element study of the lower six formations of the western Deccan Traps. <b>1994</b> , 58, 267-288		184
182	Interaction between Continental Lithosphere and the Iceland Plume--Sr-Nd-Pb Isotope Geochemistry of Tertiary Basalts, NE Greenland. <b>1994</b> , 35, 839-879		195
181	Magmatism and continental break-up in the South Atlantic: high precision $^{40}\text{Ar}$ - $^{39}\text{Ar}$ geochronology. <i>Earth and Planetary Science Letters</i> , <b>1994</b> , 121, 333-348	5.3	346
180	Komatiites and picrites: evidence that the "plume" source is depleted. <i>Earth and Planetary Science Letters</i> , <b>1994</b> , 128, 303-311	5.3	29
179	The sublithospheric mantle as the source of continental flood basalts; the case against the continental lithosphere and plume head reservoirs. <i>Earth and Planetary Science Letters</i> , <b>1994</b> , 123, 269-280	5.3	170
178	Magmatic expression of lithospheric thinning across continental rifts. <b>1994</b> , 233, 41-68		50
177	Nature of mantle source contributions and the role of contamination and in situ crystallisation in the petrogenesis of Proterozoic mafic dykes and flood basalts Labrador. <b>1995</b> , 122, 213-229		16

176	Petrology of late proterozoic mafic dikes in the Nico Perez region, central Uruguay. <b>1995</b> , 55, 239-263		23
175	The implications of picritic lavas for the mantle sources of terrestrial volcanism. <i>Lithos</i> , <b>1995</b> , 34, 89-105	2.9	28
174	Iron- and LREE-enriched mantle source for early Proterozoic intraplate magmatism as exemplified by the Pechenga ferropicrites, Kola Peninsula, Russia. <i>Lithos</i> , <b>1995</b> , 34, 107-125	2.9	65
173	Lithosphere Evolution in Rifted, Craton, and Mobile-Belt Environments from Zimbabwe and Implications for Diamond Potential. <i>International Geology Review</i> , <b>1995</b> , 37, 176-187	2.3	2
172	The Late Cretaceous Impact of the Trindade Mantle Plume: Evidence from Large-volume, Mafic, Potassic Magmatism in SE Brazil. <b>1995</b> , 36, 189-229		286
171	The Volume and Rare Earth Concentrations of Magmas Generated during Finite Stretching of the Lithosphere. <b>1995</b> , 36, 1433-1454		16
170	Basalts Generated by Decompressive Adiabatic Melting of a Mantle Plume: a Case Study from the Isle of Skye, NW Scotland. <b>1995</b> , 36, 3-22		89
169	Petrology of the Proterozoic mafic dyke swarms of Uruguay and constraints on their mantle source composition. <b>1995</b> , 74, 177-194		24
168	Isotope and trace-element geochemistry of Proterozoic Natkusiak flood basalts from the northwestern Canadian Shield. <b>1995</b> , 120, 15-25		18
167	The nature of the sub-continental mantle: constraints from the major-element composition of continental flood basalts. <b>1995</b> , 120, 295-314		164
166	The geochemistry of the Mull-Morvern Tertiary lava succession, NW Scotland: an assessment of mantle sources during plume-related volcanism. <b>1995</b> , 122, 43-58		41
165	High-Ti and low-Ti mafic potassic magmas: Key to plume-lithosphere interactions and continental flood-basalt genesis. <i>Earth and Planetary Science Letters</i> , <b>1995</b> , 136, 149-165	5.3	136
164	Strontium, neodymium, and lead isotopic evidence for the interaction of post-subduction asthenospheric potassic mafic magmas of the Highwood Mountains, Montana, USA, with ancient Wyoming craton lithospheric mantle. <b>1995</b> , 59, 4539-4556		71
163	The Signature of Amphibole in Mafic Alkaline Lavas, a Study in the Northern Canadian Cordillera. <b>1995</b> , 36, 1171-1191		87
162	Chemical dynamics of enriched mantle in the southwestern United States: Thorium isotope evidence. <i>Earth and Planetary Science Letters</i> , <b>1996</b> , 138, 67-81	5.3	37
161	Mantle plume and lithosphere contributions to basalts from southern Ethiopia. <i>Earth and Planetary Science Letters</i> , <b>1996</b> , 139, 195-211	5.3	106
160	Erratum to "High-Ti and low-Ti mafic potassic magmas: Key to plume-lithosphere interactions and continental flood-basalt genesis" [Earth Planet. Sci. Lett. 136 (1995) 149-165]. <i>Earth and Planetary Science Letters</i> , <b>1996</b> , 141, 325-341	5.3	62
159	Isotope characteristics of the Okenyenya igneous complex, northwestern Namibia: constraints on the composition of the early Tristan plume and the origin of the EM 1 mantle component. <i>Earth and Planetary Science Letters</i> , <b>1996</b> , 141, 277-291	5.3	114

158	Lithospheric to asthenospheric transition in Low-Ti flood basalts from southern Paraná, Brazil. <b>1996</b> , 127, 1-24		151
157	Enriched Nd/Sr/Pb isotopic signatures in the Dovyren layered intrusion (eastern Siberia, Russia): evidence for source contamination by ancient upper-crustal material. <b>1996</b> , 129, 39-69		36
156	Sr/Nd/Pb isotopic and trace element evidence for crustal contamination of plume-derived flood basalts: Oligocene flood volcanism in western Yemen. <b>1996</b> , 60, 2559-2581		113
155	Mantle plumes, flood basalts, and thermal models for melt generation beneath continents: Assessment of a conductive heating model and application to the Paraná <b>1996</b> , 101, 11503-11518		110
154	Shifts in the source of the Paraná basalts through time. <i>Lithos</i> , <b>1996</b> , 37, 223-243	2.9	59
153	Generation and Polybaric Differentiation of East Greenland Early Tertiary Flood Basalts. <b>1997</b> , 38, 231-275		81
152	Palaeozoic within-plate volcanic rocks in Nova Scotia (Canada) reinterpreted: isotopic constraints on magmatic source and palaeocontinental reconstructions. <b>1997</b> , 134, 425-447		56
151	Potassic and Sodic Igneous Rocks from Eastern Paraguay: their Origin from the Lithospheric Mantle and Genetic Relationships with the Associated Parana flood tholeiites. <b>1997</b> , 38, 495-528		96
150	A Re/Os isotope study of ultramafic xenoliths from the Matsoku kimberlite. <i>Earth and Planetary Science Letters</i> , <b>1997</b> , 150, 129-140	5.3	25
149	Early alkaline magmatism in the Deccan Traps: Implications for plume incubation and lithospheric rifting. <b>1997</b> , 104, 371-376		16
148	Petrogenetic relationship between Palaeoproterozoic tholeiitic dykes and associated high-Mg noritic dykes, Labrador, Canada. <b>1997</b> , 82, 63-84		24
147	Late Cretaceous rift-related upwelling and melting of the Trindade starting mantle plume head beneath western Brazil. <b>1997</b> , 126, 303-314		85
146	Geochemistry of Tertiary tholeiites and picrites from Qeqertarsuaq (Disko Island) and Nuussuaq, West Greenland with implications for the mineral potential of comagmatic intrusions. <b>1997</b> , 128, 139-163		49
145	Geochemistry and Sr-isotopic composition of the late cretaceous flood basalt sequence of northern Madagascar: petrogenetic and geodynamic implications. <b>1997</b> , 24, 371-390		28
144	The Case for Primary, Mantle-derived Carbonatite Magma. <b>1998</b> , 39, 1895-1903		153
143	Petrogenesis of the Paleoproterozoic basalt-andesite-thyolite dyke association in the Carajás region, Amazonian craton. <i>Lithos</i> , <b>1998</b> , 43, 235-265	2.9	26
142	The northwestern Ethiopian Plateau flood basalts: Classification and spatial distribution of magma types. <b>1998</b> , 81, 91-111		177
141	Neodymium and strontium isotopic and trace element composition of a Mesozoic CFB suite from Dronning Maud Land, Antarctica: implications for lithosphere and asthenosphere contributions to Karoo magmatism. <b>1998</b> , 62, 2701-2714		52

140	Geochemistry of post-Acadian, Carboniferous continental intraplate basalts from the Maritimes Basin, Magdalen Islands, Qubec, Canada. <b>1998</b> , 148, 115-136		315
139	A deep mantle source for carbonatite magmatism: evidence from the nephelinites and carbonatites of the Buhera district, SE Zimbabwe. <i>Earth and Planetary Science Letters</i> , <b>1998</b> , 158, 131-142	5.3	43
138	Review of the application of isotopic studies to the genesis of Cu-Au mineralisation at Olympic Dam and Au mineralisation at Porgera, the Tennant Creek district and Yilgarn Craton. <b>1998</b> , 45, 201-218		31
137	Magmatism Associated with Orogenic Collapse of the Betic-Alboran Domain, SE Spain. <b>1999</b> , 40, 1011-1036		235
136	Mantle processes during Gondwana break-up and dispersal. <b>1999</b> , 28, 239-261		124
135	Jurassic alkali-rich volcanism in Victoria (Australia): lithospheric versus asthenospheric source. <b>1999</b> , 29, 269-280		11
134	Trace element systematics of Mg-, to Fe-tholeiitic basalt suites of the Superior Province: implications for Archean mantle reservoirs and greenstone belt genesis. <i>Lithos</i> , <b>1999</b> , 46, 163-187	2.9	132
133	Petrogenesis of an 800 m lava sequence in eastern Uruguay: insights into magma chamber processes beneath the Paraná Flood basalt province. <b>1999</b> , 28, 471-487		18
132	Trace element and Nd- $\epsilon$ isotope constraints on origin of the Chifeng flood basalts, North China. <b>1999</b> , 155, 187-199		39
131	Middle Cambrian rift-related volcanism in the Ellsworth Mountains, Antarctica: tectonic implications for the palaeo-Pacific margin of Gondwana. <b>1999</b> , 304, 275-299		33
130	Petrogenesis and Stratigraphy of the High-Ti/Y Urubici Magma Type in the Paraná Flood Basalt Province and Implications for the Nature of a Dupal-Type Mantle in the South Atlantic Region. <b>1999</b> , 40, 451-473		124
129	Mesozoic dolerite dykes of the Falkland Islands: petrology, petrogenesis and implications for geochemical provinciality in Gondwanaland low-Ti basaltic rocks. <b>1999</b> , 156, 901-916		18
128	Basement framework and geodynamic evolution of the Palaeoproterozoic superbasins of north-central Australia: An integrated review of geochemical, geochronological and geophysical data. <b>2000</b> , 47, 341-380		115
127	Age and geochemistry of Karoo dolerite dykes from northeast Botswana. <b>2000</b> , 31, 539-554		50
126	Experimental study of the phase and melting relations of homogeneous basalt + peridotite mixtures and implications for the petrogenesis of flood basalts. <b>2000</b> , 139, 326-338		186
125	Flood Basalts of Vestfjella: Jurassic Magmatism Across an Archaean-Proterozoic Lithospheric Boundary in Dronning Maud Land, Antarctica. <b>2000</b> , 41, 1271-1305		88
124	The Sub-lithospheric Source of North Atlantic Basalts: Evidence for, and Significance of, a Common End-member. <b>2000</b> , 41, 919-932		32
123	Os Isotopes and the Origin of the Tasmanian Dolerites. <b>2000</b> , 41, 905-918		39

122	Keith CoxâBibliography. <b>2000</b> , 41, 901-903		1
121	Olivine-poor sources for mantle-derived magmas: Os and Hf isotopic evidence from potassic magmas of the Colorado Plateau. <b>2001</b> , 2, n/a-n/a		43
120	The petrogenesis of the Kangñiut dyke swarm, W. Greenland. <b>2001</b> , 105, 183-203		31
119	On the origin of Tasmanian dolerites. <b>2001</b> , 48, 543-549		33
118	Petrologic and geochemical constraints on the petrogenesis of PermianâTriassic Emeishan flood basalts in southwestern China. <i>Lithos</i> , <b>2001</b> , 58, 145-168	2.9	649
117	Geochemical Constraints on the Mantle Source of the Upper Permian Emeishan Continental Flood Basalts, Southwestern China. <i>International Geology Review</i> , <b>2001</b> , 43, 213-225	2.3	136
116	The Cretaceous Igneous Province of Madagascar: Geochemistry and Petrogenesis of Lavas and Dykes from the CentralâWestern Sector. <b>2001</b> , 42, 1249-1278		39
115	159 Ma Kjakebeinet lamproites (Dronning Maud Land, Antarctica) and their implications for Gondwana breakup processes. <b>2002</b> , 139,		22
114	Mesoproterozoic lamprophyres in the Labrieville Massif, Quebec: clues to the origin of alkalic anorthosites?. <b>2002</b> , 39, 983-997		11
113	Chemostratigraphy of the Neoproterozoic Alona Bay lavas, Ontario. <b>2002</b> , 39, 1127-1142		3
112	Origin of two differentiation trends in the Emeishan flood basalts. <b>2003</b> , 48, 390-394		16
111	Enriched mantle components in Proterozoic continental-flood basalts of the Cape Smith foldbelt, northern Quâbec. <i>Lithos</i> , <b>2003</b> , 71, 1-17	2.9	17
110	PlioâPleistocene basalts from the Meseta del Lago Buenos Aires, Argentina: evidence for asthenosphereâlithosphere interactions during slab window magmatism. <b>2003</b> , 193, 215-235		110
109	Temporal Chemical Variations Within Lowermost Jurassic Tholeiitic Magmas of the Central Atlantic Magmatic Province. <b>2003</b> , 163-177		6
108	The Northernmost CAMP: <sup>40</sup> Ar/ <sup>39</sup> Ar Age, Petrology and Sr-Nd-Pb Isotope Geochemistry of the Kerforne Dike, Brittany, France. <b>2003</b> , 209-226		11
107	Petrology and Geochemistry of Early Cretaceous Bimodal Continental Flood Volcanism of the NW Etendeka, Namibia. Part 1: Introduction, Mafic Lavas and Re-evaluation of Mantle Source Components. <b>2004</b> , 45, 59-105		120
106	Assimilation and high-pressure fractional crystallization (AFC) recorded by Paleo-proterozoic mafic dykes, Southeast Greenland. <i>Lithos</i> , <b>2004</b> , 72, 1-18	2.9	13
105	Origin of Cretaceous continental tholeiites in southwestern Australia and eastern India: insights from Hf and Os isotopes. <b>2004</b> , 209, 83-106		31

104	Isotope geochemistry of continental rocks. <b>2005</b> , 174-202		1
103	Early-Middle Jurassic Dolerite Dykes from Western Dronning Maud Land (Antarctica): Identifying Mantle Sources in the Karoo Large Igneous Province. <b>2005</b> , 46, 1489-1524		115
102	A comparison of Siberian meimechites and kimberlites: Implications for the source of high-Mg alkalic magmas and flood basalts. <b>2006</b> , 7, n/a-n/a		67
101	New constraints on the petrogenesis of the Nuanetsi picrite basalts from Pb and Hf isotope data. <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 245, 153-161	5-3	37
100	Petrogenesis of Tertiary Mafic Alkaline Magmas in the Hocheifel, Germany. <b>2006</b> , 47, 1637-1671		108
99	Magma genesis and crustal contamination of continental intraplate lavas in northwestern Syria. <b>2006</b> , 151, 698-716		47
98	Overlap of Karoo and Ferrar Magma Types in KwaZulu-Natal, South Africa. <b>2006</b> , 47, 541-566		60
97	Early to Middle Miocene intra-continental basaltic volcanism in the northern part of the Arabian plate, SE Anatolia, Turkey: geochemistry and petrogenesis. <b>2007</b> , 144, 867-882		11
96	Continental Basaltic Rocks. <b>2007</b> , 1-39		2
95	Major and Trace Element and Sr, Nd, Hf, and Pb Isotope Compositions of the Karoo Large Igneous Province, Botswana-Zimbabwe: Lithosphere vs Mantle Plume Contribution. <b>2007</b> , 48, 1043-1077		214
94	Petrogenesis of the Early Jurassic Nandaling flood basalts in the Yanshan belt, North China Craton: A correlation between magmatic underplating and lithospheric thinning. <i>Lithos</i> , <b>2007</b> , 96, 543-566	2.9	25
93	Average compositions of magmas and mantle sources of mid-ocean ridges and intraplate oceanic and continental settings estimated from the data on melt inclusions and quenched glasses of basalts. <b>2007</b> , 15, 335-368		16
92	Siderophile and chalcophile metal variations in Tertiary picrites and basalts from West Greenland with implications for the sulphide saturation history of continental flood basalt magmas. <b>2007</b> , 42, 319-336		48
91	Intraplate volcanism in New Zealand: the role of fossil plume material and variable lithospheric properties. <b>2007</b> , 153, 669-687		61
90	Signatures of the source for the Emeishan flood basalts in the Ertan area: Pb isotope evidence. <b>2007</b> , 26, 207-213		14
89	Petrology of Karoo volcanic rocks in the southern Lebombo monocline, Mozambique. <b>2008</b> , 52, 139-151		38
88	The form, distribution and anisotropy of magnetic susceptibility of Jurassic dykes in H.U. Sverdrupfjella, Dronning Maud Land, Antarctica. Implications for dyke swarm emplacement. <b>2008</b> , 30, 1429-1447		32
87	Emplacement mechanisms of sill complexes: Information from the geochemical architecture of the Golden Valley Sill Complex, South Africa. <b>2008</b> , 177, 425-440		73



86	Melting of the subcontinental lithospheric mantle by the Emeishan mantle plume; evidence from the basal alkaline basalts in Dongchuan, Yunnan, Southwestern China. <i>Lithos</i> , <b>2008</b> , 100, 93-111	2.9	108
85	Jurassic dikes of Vestfjella, western Dronning Maud Land, Antarctica: Geochemical tracing of ferropicrite sources. <i>Lithos</i> , <b>2008</b> , 105, 347-364	2.9	41
84	The Spi Lake Formation of the central Hearne domain, western Churchill Province, Canada: an axial intracratonic continental tholeiite trough above the cogenetic Kaminak dyke swarm Geological Survey of Canada Contribution 20070462.. <b>2008</b> , 45, 745-767		18
83	Continental Flood Basalts and Mantle Plumes: a Case Study of the Northern Ethiopian Plateau. <b>2009</b> , 50, 1377-1403		115
82	Global warming of the mantle beneath continents back to the Archaean. <b>2009</b> , 15, 254-266		120
81	Amalgamation between the Yangtze and Cathaysia Blocks in South China: Constraints from SHRIMP U-Pb zircon ages, geochemistry and Nd-Ef isotopes of the Shuangxiwu volcanic rocks. <b>2009</b> , 174, 117-128		711
80	A model for the origin of rhyolites from South Mountain, Pennsylvania: Implications for rhyolites associated with large igneous provinces. <b>2010</b> , 2, 211-220		4
79	Geochemical investigation of a semi-continuous extrusive basaltic section from the Deccan Volcanic Province, India: implications for the mantle and magma chamber processes. <b>2010</b> , 159, 839-862		30
78	The Tarim picrite-Basalt-Rhyolite suite, a Permian flood basalt from northwest China with contrasting rhyolites produced by fractional crystallization and anatexis. <b>2010</b> , 160, 407-425		196
77	Petrogenesis of continental mafic dykes from the Izera Complex, Karkonosze-Izera Block (West Sudetes, SW Poland). <b>2010</b> , 99, 745-773		11
76	Bjønnutane and Sembberget basalt lavas and the geochemical provinciality of Karoo magmatism in western Dronning Maud Land, Antarctica. <b>2010</b> , 198, 1-18		21
75	Enriched crustal and mantle components and the role of the lithosphere in generating Paleoproterozoic dyke swarms of the Ungava Peninsula, Canada. <i>Lithos</i> , <b>2010</b> , 114, 95-108	2.9	9
74	Metodologia exploratória para demarcação de condutos vulcânicos kimberlíticos com o uso do método CSAMT, MG, Brasil. <b>2010</b> , 28, 357-370		1
73	Isotopic (Sr, Nd, Pb, and Os) composition of highly magnesian dikes of Vestfjella, western Dronning Maud Land, Antarctica: A key to the origins of the Jurassic Karoo large igneous province?. <b>2010</b> , 277, 227-244		62
72	The Origin of the Early Proterozoic Kuandian Complex: Evidence from Geochemistry. <b>2010</b> , 71, 15-32		1
71	Geochemistry of Two Types of Basalts in the Emeishan Basaltic Province: Evidence for Mantle Plume-Lithosphere Interaction. <b>2010</b> , 76, 229-237		3
70	Significance of magnetic and petrofabric in Karoo-feeder dykes, northern Lebombo. <b>2011</b> , 513, 96-111		22
69	A reappraisal of the high-Ti and low-Ti classification of basalts and petrogenetic linkage between basalts and mafic-ultramafic intrusions in the Emeishan Large Igneous Province, SW China. <b>2011</b> , 41, 133-143		46

68	Kimberlites, flood basalts and mantle plumes: New insights from the Deccan Large Igneous Province. <b>2011</b> , 107, 315-324		74
67	Multistage Evolution of Dolerites in the Karoo Large Igneous Province, Central South Africa. <b>2011</b> , 52, 959-984		95
66	Hawaii, Boundary Layers and Ambient Mantle: Geophysical Constraints. <b>2011</b> , 52, 1547-1577		48
65	Stable isotopic characteristics of the Late Cretaceous Shuangyashan suite: evidence for enriched mantle 2 in Northeast China. <b>2012</b> , 149, 645-661		3
64	Patterns and origin of igneous activity around the Tanzanian craton. <b>2012</b> , 62, 1-18		40
63	Mixed pyroxenite-peridotite sources for mafic and ultramafic dikes from the Antarctic segment of the Karoo continental flood basalt province. <i>Lithos</i> , <b>2013</b> , 177, 366-380	2.9	36
62	Cretaceous Basalts in Madagascar and the Transition Between Plume and Continental Lithosphere Mantle Sources. <b>2013</b> , 95-122		32
61	The Paraná-Etendeka Province. <b>2013</b> , 217-245		99
60	Siberian Traps. <b>2013</b> , 273-295		48
59	Plume/Lithosphere Interaction in the Generation of Continental and Oceanic Flood Basalts: Chemical and Isotopic Constraints. <b>2013</b> , 335-355		69
58	Age, petrogenesis and tectonic setting of the Thessalon volcanic rocks, Huronian Supergroup, Canada. <b>2013</b> , 233, 144-172		40
57	The Paleoproterozoic Kaminak dykes, Hearne craton, western Churchill Province, Nunavut, Canada: Preliminary constraints on their age and petrogenesis. <b>2013</b> , 232, 119-139		16
56	Pre-rift tectonic scenario of the Eo-Cretaceous Gondwana break-up along SE Brazil-SW Africa: insights from tholeiitic mafic dyke swarms. <b>2013</b> , 369, 11-40		23
55	Continental Basaltic Rocks. <b>2014</b> , 75-110		24
54	The Early Permian Tarim Large Igneous Province: Main characteristics and a plume incubation model. <i>Lithos</i> , <b>2014</b> , 204, 20-35	2.9	160
53	Mafic-ultramafic Intrusions in Beishan and Eastern Tianshan at Southern CAOB: Petrogenesis, Mineralization and Tectonic Implication. <i>Springer Theses</i> , <b>2014</b> ,	0.1	4
52	Subduction-modified oceanic crust mixed with a depleted mantle reservoir in the sources of the Karoo continental flood basalt province. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 394, 229-241	5.3	38
51	Magma flow in dyke swarms of the Karoo LIP: Implications for the mantle plume hypothesis. <b>2014</b> , 25, 736-755		71

50	Depleted Mantle-sourced CFB Magmatism in the Jurassic Africa–Antarctica Rift: Petrology and $^{40}\text{Ar}/^{39}\text{Ar}$ and U/Pb Chronology of the Vestfjella Dyke Swarm, Dronning Maud Land, Antarctica. <b>2015</b> , 56, 919-952		28
49	The oxygen isotope composition of Karoo and Etendeka picrites: High $\delta^{18}\text{O}$ mantle or crustal contamination?. <b>2015</b> , 170, 1		53
48	High-MgO lavas associated to CFB as indicators of plume-related thermochemical effects: The case of ultra-titaniferous picrite–basalt from the Northern Ethiopian–Yemeni Plateau. <b>2016</b> , 34, 29-48		27
47	Origin of arc-like continental basalts: Implications for deep-Earth fluid cycling and tectonic discrimination. <i>Lithos</i> , <b>2016</b> , 261, 5-45	2.9	96
46	Enriched continental flood basalts from depleted mantle melts: modeling the lithospheric contamination of Karoo lavas from Antarctica. <b>2016</b> , 171, 1		33
45	Elemental and Sr–Nd isotopic geochemistry of Permian Emeishan flood basalts in Zhaotong, Yunnan Province, SW China. <b>2017</b> , 106, 617-630		5
44	The alkaline-carbonatite complex of Jacupiranga (Brazil): Magma genesis and mode of emplacement. <b>2017</b> , 44, 157-177		26
43	Multiple mantle sources of continental magmatism: Insights from high-Ti picrites of Karoo and other large igneous provinces. <b>2017</b> , 455, 22-31		31
42	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. <b>2017</b> , 455, 32-43		54
41	Geochemical Constraints Provided by the Freetown Layered Complex (Sierra Leone) on the Origin of High-Ti Tholeiitic CAMP Magmas. <b>2017</b> , 58, 1811-1840		32
40	Enrichment of $^{18}\text{O}$ in the mantle sources of the Antarctic portion of the Karoo large igneous province. <b>2018</b> , 173, 1		14
39	Bilateral geochemical asymmetry in the Karoo large igneous province. <b>2018</b> , 8, 5223		40
38	Temporal constraints on magma generation and differentiation in a continental volcano: Buckland, eastern Australia. <i>Lithos</i> , <b>2018</b> , 302-303, 341-358	2.9	12
37	Neoproterozoic amalgamation between Yangtze and Cathaysia blocks: The magmatism in various tectonic settings and continent-arc-continent collision. <b>2018</b> , 309, 56-87		86
36	Mantle source heterogeneity in continental mafic Large Igneous Provinces: insights from the Panjal, Rajmahal and Deccan basalts, India. <b>2018</b> , 463, 87-116		7
35	Mineralogical and geochemical evidence for polybaric fractional crystallization of continental flood basalts and implications for identification of peridotite and pyroxenite source lithologies. <b>2018</b> , 176, 51-67		23
34	Coexistence of alkaline-carbonatite complexes and high-MgO CFB in the Paraná–Etendeka province: Insights on plume-lithosphere interactions in the Gondwana realm. <i>Lithos</i> , <b>2018</b> , 296-299, 54-66	2.9	13
33	Phase equilibria and geochemical constraints on the petrogenesis of high-Ti picrite from the Paleogene East Greenland flood basalt province. <i>Lithos</i> , <b>2018</b> , 300-301, 20-32	2.9	

32 Geodynamics of the Tarim LIP. **2018**, 109-152

31 Zinc Isotope Constraints on Recycled Oceanic Crust in the Mantle Sources of the Emeishan Large Igneous Province. **2019**, 124, 12537-12555 16

30 Luenha picrites, Central Mozambique – Messengers from a mantle plume source of Karoo continental flood basalts?. *Lithos*, **2019**, 346-347, 105152 2.9 4

29 Triassic to Middle Jurassic geodynamic evolution of southwestern Gondwana: From a large flat-slab to mantle plume suction in a rollback subduction setting. **2019**, 194, 125-159 50

28 Coupled Assimilation and Fractional Crystallization (AFC) and Mantle Plume Source(s) Contribution in the Generation of Paleoproterozoic Mafic Dykes of the Eastern Dharwar Craton, Southern India. **2019**, 93, 157-162 7

27 Mashhad komatiitic rocks in NE Iran: Origin and implications for the evolution of the Paleo-Tethyan Ocean. **2019**, 54, 3314-3334

26 New evidence for Jurassic continental rifting in the northern Sanandaj Sirjan Zone, western Iran: the Ghalaylan seamount, southwest Ghorveh. *International Geology Review*, **2020**, 62, 1635-1657 2.3 15

25 Plume-related Paraneotendeka igneous province: An evolution from plateau to continental rifting and breakup. *Lithos*, **2020**, 362-363, 105484 2.9 3

24 Co-existing low-Ti and high-Ti dolerites in two large dykes in the Gap Dyke swarm, southeastern Karoo Basin (South Africa). **2020**, 123, 19-34 1

23 Petrogenesis of hirna mafic lavas, in southeastern Ethiopia volcanic province: Assessments from major and trace elements. **2020**, 164, 103799 1

22 A new perspective on Cenozoic calc-alkaline and shoshonitic volcanic rocks, eastern Saveh (central Iran). *International Geology Review*, **2021**, 63, 476-503 2.3 6

21 Geochemical evidence of mixing between A-type rhyolites and basalts from Southern Lebombo, South Africa: Implications for evolution of the Northern Karoo Igneous Province. **2021**, 56, 1072-1108 1

20 Sr-Enriched Glassy Picrites From the Karoo Large Igneous Province are Evolved, not Primitive Magmatic Rocks. **2021**, 22, e2020GC009561 4

19 Geochemical Systematics of High Arctic Large Igneous Province Continental Tholeiites from Canada – Evidence for Progressive Crustal Contamination in the Plumbing System. **2021**, 62, 4

18 Sub-lithospheric mantle sources for overlapping southern African Large Igneous Provinces. 2

17 Picrite-basalt complex in the Baoshan-Gongshan Block of northern Sibumasu: Onset of a mantle plume before breakup of Gondwana and opening of the Neo-Tethys Ocean. 0

16 Origin of arc-like intraplate volcanism by melting of lithospheric mantle pyroxenite of the South China continental margin. *Lithos*, **2021**, 396-397, 106236 2.9 1

15 Chapter 2.3 Dronning Maud Land Jurassic volcanism: volcanology and petrology. **2021**, 55, 157-181 2

14	Geochemical correlations between Jurassic gabbros and basaltic rocks in Vestfjella, Dronning Maud Land, Antarctica. <b>2006</b> , 201-212		1
13	IDC4 papers. <b>2006</b> , 181-181		
12	Mesozoic alkali basalts and felsic rocks in eastern Victoria, Australia. <b>2006</b> , 131-146		1
11	IDC5 papers. <b>2006</b> , 1-1		
10	Permian Mantle Plume and Paleozoic Tectonic Evolution. <i>Springer Theses</i> , <b>2014</b> , 183-207	0.1	
9	Petrogenesis and tectonic setting of the basic volcanic rocks from east of Qazvin, Central Alborz. <i>Iranian Journal of Crystallography and Mineralogy</i> , <b>2019</b> , 27, 855-870	0.2	
8	Melting of hydrous pyroxenites with alkali amphiboles in the continental mantle: 1. Melting relations and major element compositions of melts. <i>Geoscience Frontiers</i> , <b>2022</b> , 13, 101380	6	1
7	Evolution of the Karoo-Maud Plume and Formation of Mesozoic Igneous Provinces in Antarctica. <i>Geochemistry International</i> , <b>2022</b> , 60, 509-529	0.8	0
6	Age, geochemistry and mantle source of the Alto Diamantino basalts: Insights on NW Paran� Magmatic Province. <i>Lithos</i> , <b>2022</b> , 426-427, 106797	2.9	0
5	Late cretaceous magmatism in the Northern Lhasa subterrane, central Tibet: geodynamic implications. <i>International Geology Review</i> , 1-20	2.3	
4	The Eastern Australian Volcanic Province, its primitive melts, constraints on melt sources and the influence of mantle metasomatism. <b>2022</b> , 233, 104168		0
3	Heavy rare earth elements and the sources of continental flood basalts.		0
2	Petrogenesis of the Tuli Basin high-Ti picrites and basalts, Karoo CFB, southern Africa: Classification, stratigraphy, emplacement, and mantle source heterogeneity. <b>2023</b> , 440-441, 107040		0
1	Plume��thosphere interactions and LIP-triggered climate crises constrained by the origin of Karoo lamproites. <b>2023</b> ,		0