

CITATION REPORT

List of articles citing

Magmatism at rift zones: The generation of volcanic continental margins and flood basalts

DOI: 10.1029/jb094ib06p07685

Journal of Geophysical Research, 1989, 94, 7685.

Source: <https://exaly.com/paper-pdf/20853006/citation-report.pdf>

Version: 2024-04-20

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
2324	Flood basalts and hot-spot tracks: plume heads and tails. 1989 , 246, 103-7		1003
2323	A Comparison of the Moho Interpreted From Gravity Data and From Deep Seismic Reflection Data In the Northern North Sea. 1989 , 97, 247-258		27
2322	The Hatton Bank continental margin-III. Structure from wide-angle OBS and multichannel seismic refraction profiles. 1989 , 98, 367-384		89
2321	The Hatton Bank continental margin-I. Shallow structure from two-ship expanding spread seismic profiles. 1989 , 96, 273-294		36
2320	The Hatton Bank continental margin-II. Deep structure from two-ship expanding spread seismic profiles. 1989 , 96, 295-309		99
2319	Hot plumes from the mantle. 1989 , 340, 341-342		4
2318	The role of mantle plumes in the development of continental drainage patterns. 1989 , 342, 873-877		278
2317	Igneous outbursts and mass extinctions. 1989 , 70, 1480		16
2316	Mackenzie igneous events, Canada: Middle Proterozoic hotspot magmatism associated with ocean opening. 1989 , 96, 38-48		395
2315	Some remarks on the movement of small melt fractions in the mantle. 1989 , 95, 53-72		541
2314	The Deccan Traps: an interpretation in terms of progressive lithospheric flexure in response to a migrating load. 1989 , 93, 85-97		73
2313	Late Cenozoic volcanism on the Antarctic Plate: An overview. 1990 , 1-17		72
2312	Lithospheric extension and the opening of the Red Sea: sediment-basalt relationships in Yemen*. 1990 , 2, 340-350		24
2311	Continental drift and a theory of convection. 1990 , 2, 519-538		2
2310	The thermal structure of mantle plumes: axisymmetric or triple-junction?. 1990 , 102, 15-24		55
2309	The ocean-continent boundary off the western continental margin of Iberia: Crustal structure at 40°30'N. 1990 , 103, 509-531		91
2308	Deep seismic sounding studies in the north Cambay and Sanchor basins, India. 1990 , 103, 621-637		85

2307	Geomorphology and mantle plumes. 1990 , 344, 387-388	16
2306	The timing of crustal extension and the eruption of continental flood basalts. 1990 , 345, 246-249	179
2305	Ocean-ridge basalt compositions correlated with palaeobathymetry. 1990 , 345, 423-426	11
2304	Differential denudation and flexural isostasy in formation of rifted-margin upwarps. 1990 , 346, 739-742	181
2303	Trace-element fractionation in plumes and the origin of HIMU mantle beneath the Cameroon line. 1990 , 347, 523-528	169
2302	Ridge jumps and propagations in the South Atlantic Ocean. 1990 , 348, 149-152	78
2301	Cretaceous plutonism in Central Tibet: an example of post-collision magmatism?. 1990 , 44, 21-32	100
2300	Genesis of collision volcanism in Eastern Anatolia, Turkey. 1990 , 44, 189-229	526
2299	Ti-rich komatiites from northern Norway. 1990 , 105, 42-54	40
2298	Not so hot "hot spots" in the oceanic mantle. 1990 , 250, 107-11	165
2297	Perim Island, a volcanic remnant in the southern entrance to the Red Sea. 1990 , 127, 309-318	14
2296	Discussion on crustal structure of the Goban Spur continental margin, Northeast Atlantic, from deep seismic reflection profiling. 1990 , 147, 892-894	5
2295	Timing of post-Karoo alkaline volcanism in southern Namibia. 1990 , 127, 427-433	22
2294	Mesozoic magmatic activity in the North Sea Basin: implications for stretching history. 1990 , 55, 207-227	16
2293	Granites, Granulites, and Crustal Differentiation. 1990 , 59-85	80
2292	Acceleration of continental rifting due to a thermomechanical instability. 1990 , 181, 307-320	18
2291	The Kerguelen Isles (southern Indian Ocean): new results on deep structure from refraction profiles. 1990 , 182, 227-248	40
2290	Deep Seismic profiling in the Nosop Basin, Botswana: cratons, mobile belts and sedimentary basins. 1990 , 173, 333-343	16

2289	A geophysical study of the Hatton Bank volcanic margin: a summary of the results from a combined Seismic, gravity and magnetic experiment. 1990 , 173, 517-526	20
2288	Deep Seismic and geochemical constraints on the nature of rift-induced magmatism during breakup of the North Atlantic. 1990 , 173, 545-565	56
2287	The Oslo Rift—its evolution on the basis of geological and geophysical observations. 1990 , 178, 11-28	22
2286	A Caledonian age for reflectors within the mantle lithosphere north and west of Scotland. 1990 , 9, 903-922	60
2285	Timing and duration of Mesozoic-Tertiary flood-basalt volcanism. 1990 , 71, 1835	19
2284	Tectonics of Lakshmi Planum, Venus: Tests for Magellan. 1990 , 17, 1349-1352	19
2283	Deccan volcanism at the Cretaceous-Tertiary boundary: past climatic crises as a key to the future?. 1990 , 3, 291-299	6
2282	Granite magmas: their sources, initiation and consequences of emplacement. 1990 , 147, 579-589	54
2281	Hotspots and mantle plumes: Some phenomenology. <i>Journal of Geophysical Research</i> , 1990 , 95, 6715	863
2280	Deccan volcanism at the Cretaceous-Tertiary boundary: past climatic crises as a key to the future?. 1990 , 89, 291-299	25
2279	Global change at the Paleocene-Eocene boundary: climatic and evolutionary consequences of tectonic events. 1990 , 79, 117-128	147
2278	Reply to comment by G.F. Davies on "Mixing by time-dependent mantle convection" 1990 , 98, 408-410	9
2277	Strongly potassic mafic magmas from lithospheric mantle sources during continental extension and heating: evidence from Miocene minettes of northwest Colorado, U.S.A.. 1990 , 98, 139-153	92
2276	Stirring and structure in mantle starting plumes. 1990 , 99, 66-78	481
2275	Implications of mantle plume structure for the evolution of flood basalts. 1990 , 99, 79-93	948
2274	Mantle plumes, mantle stirring and hotspot chemistry. 1990 , 99, 94-109	110
2273	High seismic velocities associated with reflections from within the lower oceanic crust near the continental margin of eastern Canada. 1990 , 99, 118-126	24
2272	Time resolution of geologic events on the Keweenaw Peninsula and implications for development of the Midcontinent Rift system. 1990 , 97, 54-64	145

- 2271 Reply [to Comment on Timing of mantle upwelling: Evidence for a passive origin for the Red Sea Rift] by A. V. McGuire and R. G. Bohannon. *Journal of Geophysical Research*, **1990**, 95, 5165 2
- 2270 On the building and classification of mountains. *Journal of Geophysical Research*, **1990**, 95, 6611 18
- 2269 Midcontinent rift volcanism in the Lake Superior Region: Sr, Nd, and Pb isotopic evidence for a mantle plume origin. *Journal of Geophysical Research*, **1990**, 95, 10851 99
- 2268 Keweenaw hot spot: Geophysical evidence for a 1.1 Ga mantle plume beneath the Midcontinent Rift System. *Journal of Geophysical Research*, **1990**, 95, 10869 118
- 2267 Evolution of the Walvis Ridge-Rio Grande Rise Hot Spot System: Implications for African and South American Plate motions over plumes. *Journal of Geophysical Research*, **1990**, 95, 17475 278
- 2266 The structure and subsidence of Rockall Trough from two-ship seismic experiments. *Journal of Geophysical Research*, **1990**, 95, 19821 81
- 2265 Early Proterozoic continental tholeiites from western Bergslagen, Central Sweden, III. Geodynamic inferences. **1991**, 52, 231-243 14
- 2264 Use of geochemistry as a guide to platinum group element potential of mafic-ultramafic rocks: examples from the west Pilbara Block and Halls Creek Mobile Zone, Western Australia. **1991**, 50, 1-35 49
- 2263 A new look at the Rockall region, offshore Ireland. **1991**, 8, 410-416 31
- 2262 Sub-aerial denudation of passive margins: regional elevation versus local relief models. **1991**, 102, 460-469 55
- 2261 Sr-Nd-Pb isotope evidence against plume-asthenosphere mixing north of Iceland. **1991**, 107, 243-255 80
- 2260 The mantle origins of Karoo picrites. **1991**, 107, 256-271 30
- 2259 Mantle plumes control magnetic reversal frequency. **1991**, 107, 437-447 225
- 2258 The petrogenesis of Mesozoic Gondwana low-Ti flood basalts. **1991**, 105, 134-148 313
- 2257 Interrelationships between continental freeboard, tectonics and mantle temperature. **1991**, 105, 214-228 56
- 2256 An interpretation of Karoo picrite basalts in terms of interaction between asthenospheric magmas and the mantle lithosphere. **1991**, 105, 330-342 201
- 2255 The eruption of komatiites and picrites in preference to primitive basalts. **1991**, 105, 343-352 11
- 2254 Isotopic evidence for the origin of the Manihiki and Ontong Java oceanic plateaus. **1991**, 104, 196-210 120

2253	Starting plumes and continental break-up. 1991 , 104, 398-416	328
2252	⁴⁰ Ar/ ³⁹ Ar dating and geochemistry of tholeiitic magmatism related to the early opening of the Central Atlantic rift. 1991 , 104, 455-472	130
2251	⁴⁰ Ar/ ³⁹ Ar dating of alkaline and tholeiitic magmatism of Saudi Arabia related to the early Red Sea Rifting. 1991 , 104, 473-487	63
2250	Global Love wave phase velocity variation and its significance to plate tectonics. 1991 , 66, 160-202	83
2249	Hotspots, mantle plumes, flood basalts, and true polar wander. 1991 , 29, 31	419
2248	Detachment models for the formation of passive continental margins. 1991 , 10, 1038-1064	290
2247	Block rotation and continental extension in Afar: A comparison to oceanic microplate systems. 1991 , 10, 501-526	69
2246	⁴⁰ AR/ ³⁹ AR age and duration of tholeiitic magmatism related to the early opening of the Red Sea rift. 1991 , 18, 195-198	39
2245	Imaging the midcontinent rift beneath Lake Superior using large aperture seismic data. 1991 , 18, 625-628	29
2244	Changes of mantle sources in the course of a rift evolution: The Afar Case. 1991 , 18, 1913-1916	65
2243	Intrusion of horizontal dikes: Tectonic significance of Middle Proterozoic diabase sheets widespread in the upper crust of the southwestern United States. <i>Journal of Geophysical Research</i> , 1991 , 96, 12461	34
2242	Basic magmatism associated with Late Cenozoic extension in the western United States: Compositional variations in space and time. <i>Journal of Geophysical Research</i> , 1991 , 96, 13693-13711	302
2241	Enriched and depleted source components for tholeiitic and alkaline lavas from Zuni-Bandera, New Mexico: Inferences about intraplate processes and stratified lithosphere. <i>Journal of Geophysical Research</i> , 1991 , 96, 13645-13671	57
2240	Effects of Canary hotspot volcanism on structure of oceanic crust off Morocco. <i>Journal of Geophysical Research</i> , 1991 , 96, 12039	97
2239	Interaction of mantle plume heads with the Earth's surface and onset of small-scale convection. <i>Journal of Geophysical Research</i> , 1991 , 96, 18295	234
2238	Joint inversion of shear wave travel time residuals and geoid and depth anomalies for long-wavelength variations in upper mantle temperature and composition along the Mid-Atlantic Ridge. <i>Journal of Geophysical Research</i> , 1991 , 96, 19981-20009	41
2237	Mechanical strength of extended continental lithosphere: Constraints from the Western Rift System, East Africa. 1991 , 10, 1239-1256	96
2236	Geophysical studies of the West Antarctic Rift System. 1991 , 10, 1257-1273	160

2235	Tectonomagmatic controls on Gondwana break-up models: Evidence from the Proto-Pacific Margin of Antarctica. 1991 , 10, 1274-1288	51
2234	Nd?Sr isotopes, petrochemistry, and origin of the Siberian flood basalts, USSR. 1991 , 55, 1183-1192	53
2233	Backarc extension versus continental breakup: petrological aspects for active rifting. 1991 , 197, 127-137	14
2232	Tectonic development of passive continental margins of the southern and central Red Sea with a comparison to Wilkes Land, Antarctica. 1991 , 198, 129-154	28
2231	Shear-controlled evolution of the Red Sea: pull apart model. 1991 , 198, 441-466	95
2230	High-Ti continental tholeiites from the Aznam trough, northwestern Saudi Arabia: evidence of abortive rifting in the embryonic stage of Red Sea opening. 1991 , 191, 75-87	5
2229	A crustal density model across the Cambay basin, India, and its relationship with the Aravallis. 1991 , 194, 123-130	34
2228	Pangea in Permian to Jurassic time. 1991 , 187, 135-179	40
2227	Plate tectonics and orogenic research after 25 years: Synopsis of a Tethyan perspective. 1991 , 187, 315-344	21
2226	Mantle plumes. 1991 , 187, 373-384	65
2225	The structure of the Archean crust in SW Greenland from seismic wide-angle data: A preliminary analysis. 1991 , 53-57	8
2224	Deep-penetration seismic reflection images across the southeastern United States continental margin. 1991 , 225-240	11
2223	Rapid eruption of the siberian traps flood basalts at the permo-triassic boundary. 1991 , 253, 176-9	313
2222	Fundamental issues in the geology and geophysics of venus. 1991 , 252, 252-60	53
2221	Venus volcanism: initial analysis from magellan data. 1991 , 252, 276-88	103
2220	Venus tectonics: initial analysis from magellan. 1991 , 252, 297-312	101
2219	A mantle plume initiation model for the wrangellia flood basalt and other oceanic plateaus. 1991 , 254, 263-7	145
2218	Hotspots and the Case for a High Viscosity Lower Mantle. 1991 , 571-587	25

2217	Recent Developments in Igneous Petrology. 1991 , 29, 471-485	
2216	Tomography, the Geoid and Plate Motions. 1991 , 29, 776-782	1
2215	Mid-Ocean Ridge Dynamics: Observations and Theory. 1991 , 29, 807-822	18
2214	Convection and mixing in the oceans and the Earth. 1991 , 3, 1218-1232	5
2213	Pangaeen divergent margins: historical perspective. 1991 , 102, 1-28	18
2212	Magmatic tectonic evolution of a volcanic rifted margin. 1991 , 102, 43-61	29
2211	Minerogenesi di origine mantellica nell'Appennino. 1991 , 2, 239-251	1
2210	Late cenozoic bimodal magmatism in the northern basin and range province of southeastern Oregon. 1991 , 47, 299-328	54
2209	The geochemistry of basalts from the Wallis Islands, northern Melanesian Borderland: Evidence for a lithospheric origin for Samoan-type basaltic magmas?. 1991 , 45, 267-288	13
2208	Melt generation during rifting in the North Sea. 1991 , 351, 559-562	46
2207	Fluxes and excess temperatures of mantle plumes inferred from their interaction with migrating mid-ocean ridges. 1991 , 352, 397-403	339
2206	A superplume in the mantle. 1991 , 352, 564-565	13
2205	Ancient oceans, ice sheets and the hydrological cycle on Mars. 1991 , 352, 589-594	564
2204	A three-dimensional seismic image of the crust and upper mantle beneath the Kenya rift. 1991 , 354, 199-203	111
2203	Archaeological investigation by electrical resistivity tomography: a preliminary study. 1991 , 107, 95-102	80
2202	Vertical structure of the head of a cylindrical mantle plume from a model of two-phase flow with melting. 1991 , 107, 103-115	
2201	Crustal structure of the Madeira-Tore Rise, eastern North Atlantic-results of a DOBS wide-angle and normal incidence seismic experiment in the Josephine Seamount region. 1991 , 106, 357-378	58
2200	Phase changes and thermal subsidence in intracontinental sedimentary basins. 1991 , 106, 657-665	30

2199	Denudation, isostasy and landscape evolution. 1991 , 16, 555-562	50
2198	The thermal state of the Venusian mantle. 1991 , 55, 51-68	1
2197	Alkaline hybrid mafic magmas of the Yampa area, NW Colorado, and their relationship to the Yellowstone mantle plume and lithospheric mantle domains. 1991 , 107, 310-327	24
2196	Tectonic geomorphology. 1991 , 15, 193-205	5
2195	A geological map of the southern Deccan Traps, India and its structural implications. 1991 , 148, 495-505	109
2194	Physical and chemical evidence on the cause and source characteristics of flood basalt volcanism. 1991 , 38, 525-544	110
2193	Subcontinental mantle plumes, hotspots and pre-existing thinspots. 1991 , 148, 973-977	194
2192	Superimposed extensional tectonics in the Argana Triassic formations (Morocco), related to the early rifting of the Central Atlantic. 1991 , 128, 525-536	35
2191	Tectonism and magmatism during NE Atlantic continental break-up: the Vøring Margin. 1992 , 68, 305-320	86
2190	Tectonic evolution of the northern Kenyan Rift. 1992 , 149, 333-348	166
2189	Plume heads, continental lithosphere, flood basalts and tomography. 1992 , 68, 99-124	29
2188	Karoo igneous activity, and the early stages of the break-up of Gondwanaland. 1992 , 68, 137-148	89
2187	Contrasts in composition and evolution of Tertiary CFBs between West and East Greenland and their relations to the establishment of the Icelandic mantle plume. 1992 , 68, 349-362	14
2186	Volcanism and continental break-up: a global compilation of large igneous provinces. 1992 , 68, 17-30	58
2185	The role of Palaeocene magmatism in the tectonic evolution of the Sea of the Hebrides Basin: implications for basin evolution on the NW Seaboard. 1992 , 62, 163-174	7
2184	The lower lithosphere as a major source for continental flood basalts: a re-appraisal. 1992 , 68, 31-39	11
2183	Paranormal magmatism and the opening of the South Atlantic. 1992 , 68, 221-240	81
2182	The timing of magmatism, uplift and crustal extension: preliminary observations from Yemen. 1992 , 68, 293-304	28

2181	An introduction to the crystalline basement of Africa. 1992 , 66, 29-57	5
2180	An ocean-ridge type magma chamber at a passive volcanic, continental margin: the Kap Edvard Holm layered gabbro complex, East Greenland. 1992 , 129, 437-456	34
2179	Jurassic magmatism and tectonism associated with Gondwanaland break-up: an Antarctic perspective. 1992 , 68, 165-184	42
2178	Tertiary picrites in West Greenland: melting at the periphery of a plume?. 1992 , 68, 335-348	31
2177	Timing and duration of Early Tertiary volcanism in the North Atlantic: new evidence from West Greenland. 1992 , 68, 321-333	22
2176	Magmatism and rifting in Western and Central Africa, from Late Jurassic to Recent times. 1992 , 203-225	10
2175	Mantle Convection. 1992 , 100, 151-206	322
2174	Discussion on a geological map of the southern Deccan Traps, India and its structural implications. 1992 , 149, 473-478	8
2173	Chapter 3 Proterozoic Rifts. 1992 , 97-149	5
2172	Anorogenic granite magma genesis: new isotopic data for the southern sector of the British Tertiary Igneous Province. 1992 , 83, 227-233	13
2171	Crustal structure and magmatism of North Atlantic continental margins. 1992 , 149, 841-854	116
2170	Chapter 4 Geochemistry and Significance of Mafic Dyke Swarms in the Proterozoic. 1992 , 10, 151-179	36
2169	The granites of northern Patagonia and the Gastre Fault System in relation to the break-up of Gondwana. 1992 , 68, 209-220	53
2168	Mantle plumes and continental tectonics. 1992 , 256, 186-93	238
2167	Plate tectonics and hotspots: the third dimension. 1992 , 256, 1645-51	156
2166	The age of parana flood volcanism, rifting of gondwanaland, and the jurassic-cretaceous boundary. 1992 , 258, 975-9	368
2165	Synchronism of the siberian traps and the permian-triassic boundary. 1992 , 258, 1760-3	323
2164	Magmatism and continental rifting during the opening of the South Atlantic Ocean: a consequence of Lower Cretaceous super-plume activity?. 1992 , 68, 241-255	32

2163	Magmatism during and after continental break-up. 1992 , 68, 1-16	48
2162	The mount bruce megasequence set and eastern yilgarn craton: examples of late archaean to early proterozoic divergent and convergent craton margins and controls on mineralization. 1992 , 58, 55-70	19
2161	Sill-intrusion, flood basalt emplacement and deep crustal structure of the Scoresby Sund region, East Greenland. 1992 , 68, 365-386	39
2160	Metallogeny of the midcontinent rift system of North America. 1992 , 58, 355-386	24
2159	Array observations of PKP phases across the Kenya Rift: Implications for structure and tectonics. 1992 , 204, 41-58	7
2158	Age and cooling history of the kiglapait Intrusion from an study. 1992 , 56, 2471-2485	14
2157	Hydrothermal Mineral Deposits of Continental Rift Environments. 1992 , 507-577	
2156	Variations in the reflectivity of the moho transition zone beneath the Midcontinent Rift System of North America: Results from true amplitude analysis of GLIMPCE data. <i>Journal of Geophysical Research</i> , 1992 , 97, 4721	7
2155	An Eulerian technique for thermomechanical modeling of lithospheric extension. <i>Journal of Geophysical Research</i> , 1992 , 97, 2015-2036	85
2154	A rifted margin origin for the crescent basalts and related rocks in the northern Coast Range Volcanic Province, Washington and British Columbia. <i>Journal of Geophysical Research</i> , 1992 , 97, 6799	55
2153	A dynamic model of extension in the Baltimore Canyon Trough Region. 1992 , 11, 420-436	40
2152	Cause of low velocity anomaly along the South Atlantic hotspots. 1992 , 19, 1567-1570	12
2151	Deep velocity structure of rifted continental crust, U.S. Mid-Atlantic Margin, from wide-angle reflection/refraction data. 1992 , 19, 1699-1702	19
2150	Drainage, topographic, and gravity anomalies in the Lake Superior Region: Evidence for a 1100 Ma mantle plume. 1992 , 19, 2119-2122	14
2149	Nd-Sr-Pb isotopic variations along the Gulf of Aden: Evidence for Afar Mantle Plume-Continental Lithosphere Interaction. <i>Journal of Geophysical Research</i> , 1992 , 97, 10927	198
2148	Subsidence history, crustal structure, and thermal evolution of the Valencia Trough: A young extensional basin in the western Mediterranean. <i>Journal of Geophysical Research</i> , 1992 , 97, 20021	66
2147	Upwelling asthenosphere beneath western Arabia and its regional implications. <i>Journal of Geophysical Research</i> , 1992 , 97, 15255	241
2146	Southwestern limits of Indian Ocean Ridge Mantle and the origin of low ²⁰⁶ Pb/ ²⁰⁴ Pb mid-ocean ridge basalt: Isotope systematics of the central Southwest Indian Ridge (17°B0°E). <i>Journal of Geophysical Research</i> , 1992 , 97, 19771	216

2145	Oceanic crustal thickness from seismic measurements and rare earth element inversions. <i>Journal of Geophysical Research</i> , 1992 , 97, 19683	993
2144	Magma reservoirs and neutral buoyancy zones on Venus: Implications for the formation and evolution of volcanic landforms. <i>Journal of Geophysical Research</i> , 1992 , 97, 3877	103
2143	The morphology and evolution of coronae on Venus. <i>Journal of Geophysical Research</i> , 1992 , 97, 13611	116
2142	Mylitta Fluctus, Venus: Rift-related, centralized volcanism and the emplacement of large-volume flow units. <i>Journal of Geophysical Research</i> , 1992 , 97, 15991	49
2141	Consequences of plume-lithosphere interactions. 1992 , 68, 41-60	193
2140	Role of subduction-plate boundary forces during the initial stages of Gondwana break-up: evidence from the proto-Pacific margin of Antarctica. 1992 , 68, 149-163	45
2139	Right place, wrong time: anomalous post-rift subsidence in sedimentary basins around the North Atlantic Ocean. 1992 , 68, 387-393	11
2138	Coats Land dolerites and the generation of Antarctic continental flood basalts. 1992 , 68, 185-208	29
2137	Paleomagnetic constraints on the structure of the Deccan traps. 1992 , 74, 241-261	50
2136	Seismotectonics in the Republic of Djibouti, linking the Afar Depression and the Gulf of Aden. 1992 , 209, 65-86	42
2135	Plate tectonics, plate moving mechanisms and rifting. 1992 , 215, 9-34	83
2134	The mechanics of continental extension and sedimentary basin formation: A simple-shear/pure-shear flexural cantilever model. 1992 , 215, 117-131	124
2133	Geodynamics of rifting and implications for hydrocarbon habitat. 1992 , 215, 221-253	58
2132	Evidence of crustal thinning beneath the Limpopo Belt and Lebombo monocline of southern Africa based on regional gravity studies and implications for the reconstruction of Gondwana. 1992 , 212, 1-20	35
2131	The Agulhas Magsat anomaly: Implications for continental break-up of Gondwana. 1992 , 212, 33-44	6
2130	Analysis of MAGSAT magnetic contrasts across Africa and South America. 1992 , 212, 59-76	10
2129	The igneous petrology and magmatic evolution of the Midcontinent rift system. 1992 , 213, 33-40	31
2128	Speculations on the origin of the North American Midcontinent rift. 1992 , 213, 49-55	47

2127	Tectonics and stratigraphy of the East Brazil Rift system: an overview. 1992 , 213, 97-138	317
2126	Magmatism and rifting in Western and Central Africa, from Late Jurassic to Recent times. 1992 , 213, 203-225	133
2125	Some remarks on the structure and geodynamics of the Kenya Rift. 1992 , 213, 257-268	20
2124	Nature of the crust beneath magmatically active continental rifts. 1992 , 213, 269-284	50
2123	A crustal study off Lofoten, N. Norway, by use of 3-component Ocean Bottom Seismographs. 1992 , 212, 269-288	68
2122	Relations between sill intrusions and bedding-parallel extensional shear zones in the Mid-continent Rift System of the Lake Superior region. 1992 , 212, 331-349	11
2121	A stretching model for the Oslo Rift. 1992 , 208, 19-36	34
2120	Basaltic magmatism in the North Sea and its relationship to lithospheric extension. 1992 , 208, 77-90	22
2119	Mafic alkaline magmatism associated with the European Cenozoic rift system. 1992 , 208, 173-182	78
2118	Bombay gravity high and eruption of Deccan flood basalts (India) from a shallow secondary plume. 1992 , 206, 341-350	46
2117	Elevated K/T palaeotemperatures throughout Northwest England: three kilometres of Tertiary erosion?. 1992 , 112, 131-145	127
2116	Large uplift of rift flanks: A genetic link with lithospheric rigidity?. 1992 , 112, 195-211	75
2115	Nature and timing of Franklin igneous events, Canada: Implications for a Late Proterozoic mantle plume and the break-up of Laurentia. 1992 , 109, 117-131	277
2114	Origin of kimberlites and related magmas. 1992 , 113, 521-538	190
2113	South Atlantic hot spot-plume systems: 1. Distribution of volcanism in time and space. 1992 , 113, 343-364	120
2112	Temporal Sr-, Nd- and Pb-isotopic variations in the Siberian flood basalts: Implications for the plume-source characteristics. 1992 , 113, 365-381	119
2111	Fossil plume head beneath the Arabian lithosphere?. 1992 , 114, 193-209	157
2110	Finite duration extension and decompression melting. 1992 , 113, 15-22	47

2109	Geochemistry and petrogenesis of Upper Cretaceous basaltic rocks from southern Malagasy. 1992 , 97, 199-218	28
2108	Magmatism in the South China Basin. 1992 , 97, 47-63	176
2107	Basaltic magmatism in the North Sea and its relationship to lithospheric extension. 1992 , 77-90	
2106	The mechanics of continental extension and sedimentary basin formation: A simple-shear/pure-shear flexural cantilever model. 1992 , 117-131	7
2105	The relationship between E- and N-type magmas in the Baffin Bay Lavas. 1992 , 112, 230-241	32
2104	Temporal geochemical evolution in oceanic intra-plate volcanics: a case study from the Marquesas (French Polynesia) and comparison with other hotspots. 1992 , 111, 458-467	51
2103	Geochemistry of mafic dikes in the Adirondack mountains: implications for late Proterozoic continental rifting. 1992 , 110, 500-514	43
2102	Impacts and tectonism in Earth and Moon history of the past 3800 million years. 1992 , 58, 145-152	7
2101	Heat loss and tectonic style of Venus. 1992 , 58, 1-29	6
2100	Mide Margin: Crustal structure from analysis of Expanded Spread Profiles. 1992 , 14, 137-162	84
2099	Ridges, hotspots and their interaction as observed in seismic velocity maps. 1992 , 355, 45-49	181
2098	Evidence from magnetic fabric for the flow pattern of magma in the Mackenzie giant radiating dyke swarm. 1992 , 356, 511-513	268
2097	Proterozoic crustal extension and the generation of dome-and-keel structure in an Archaean granite-greenstone terrane. 1992 , 357, 491-493	64
2096	Dehydration melting and the generation of continental flood basalts. 1992 , 358, 57-59	308
2095	Evidence from Re-Os isotopes for plume-lithosphere mixing in Karoo flood basalt genesis. 1992 , 359, 718-721	149
2094	Spectra of mantle shear wave velocity structure. 1992 , 108, 865-882	33
2093	Deformation at plate boundaries around the gulf of Oman. 1992 , 104, 265-277	46
2092	A review of the 2500 Ma span of alkaline-ultramafic, potassic and carbonatitic magmatism in West Greenland. 1992 , 28, 367-402	91

2091	Geochemical and Nd isotopic study of Palaeozoic bimodal volcanics in Hainan Island, South China Implications for rifting tectonics and mantle reservoirs. 1992 , 29, 127-139	21
2090	The jagersfontein Cr-poor megacryst suite Towards a model for megacryst petrogenesis. 1992 , 50, 143-160	40
2089	The origin of Ninetyeast Ridge: palaeomagnetic constraints from ODP Leg 121. 1992 , 7, 247-252	3
2088	Southern Segment of the European Geotraverse A wide-angle seismic refraction experiment in the Sardinia Channel. 1992 , 14, 227-248	6
2087	PULL-APART EVOLUTION OF THE RED SEA. 1992 , 15, 127-134	17
2086	Magmatism and the geodynamics of basin formation. 1993 , 86, 5-29	81
2085	Buffered and unbuffered dike emplacement on Earth and Venus: implications for magma reservoir size, depth, and rate of magma replenishment. 1993 , 61, 249-281	56
2084	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. 1993 , 114, 171-188	303
2083	Evaluating crustal contamination in continental basalts: the isotopic composition of the Picture Gorge Basalt of the Columbia River Basalt Group. 1993 , 114, 452-464	55
2082	Granulite xenoliths from western Saudi Arabia: the lower crust of the late Precambrian Arabian-Nubian Shield. 1993 , 114, 395-408	82
2081	Anatomy of a basaltic volcano. 1993 , 363, 125-133	189
2080	Geochemical constraints on mantle melting during creation of the North Atlantic basin. 1993 , 363, 712-715	74
2079	Margins declassified. 1993 , 364, 393-394	27
2078	Large igneous province on the US Atlantic margin and implications for magmatism during continental breakup. 1993 , 364, 433-436	202
2077	Earliest sea-floor spreading magnetic anomalies in the north Arabian Sea and the ocean-continent transition. 1993 , 115, 1025-1031	50
2076	Heat flow in rift basins above a hot asthenosphere. 1993 , 5, 144-149	9
2075	Dipping basement reflectors along volcanic passive margins New insight using data from the Kerguelen Plateau. 1993 , 5, 157-163	9
2074	The continental mantle as a source for hotspot volcanism. 1993 , 5, 452-460	38

2073	Mantle hotspots, plumes and regional tectonics as causes of intraplate magmatism. 1993 , 5, 552-559	59
2072	Early Ordovician continental break-up in Variscan Europe: Nd/Sr isotope and trace element evidence from bimodal igneous associations of the Southern Massif Central, France. 1993 , 29, 177-196	125
2071	Mantle plumes and continental tectonics. 1993 , 30, 193-206	61
2070	Earth's earliest continental lithosphere, hydrothermal flux and crustal recycling. 1993 , 30, 309-335	95
2069	The evolution of the mantle's chemical structure. 1993 , 30, 389-399	63
2068	Relationship between deeper lithospheric processes and near-surface tectonics of sedimentary basins. 1993 , 226, 217-225	16
2067	Mantle and crustal contributions to continental flood volcanism. 1993 , 223, 39-52	190
2066	European tectonic features observed by Magsat. 1993 , 220, 157-173	16
2065	A plume-generated segment of the rifted margin of Laurentia, Southern Canadian Appalachians, seen through a completed Wilson Cycle. 1993 , 219, 47-55	24
2064	Crustal structure of the central graben of the Midcontinent Rift beneath Lake Superior. 1993 , 225, 301-335	22
2063	A possible K-T boundary bolide impact site offshore near Bombay and triggering of rapid Deccan volcanism. 1993 , 76, 189-197	29
2062	On the tectonics of Venus. 1993 , 76, 75-96	15
2061	High-velocity anomaly under the Deccan Volcanic Province. 1993 , 77, 285-296	26
2060	Growth of the European lithospheric mantle dependence of upper-mantle peridotite facies and chemical heterogeneity on tectonics and age. 1993 , 79, 219-240	26
2059	Trace-element and isotopic characteristics of small-degree melts of the asthenosphere: Evidence from the alkalic basalts of the Antarctic Peninsula. 1993 , 109, 51-68	48
2058	Paragenesis and U-Pb systematics of baddeleyite (ZrO ₂). 1993 , 110, 95-126	367
2057	Did Deccan volcanism pre-date the Cretaceous/Tertiary transition?. 1993 , 119, 181-189	137
2056	Environmental impact of volcanic margin formation. 1993 , 117, 319-329	110

2055	Early tectonic extension between the Agulhas Bank and the Falkland Plateau due to the rotation of the Lafonia microplate. 1993 , 117, 43-58	72
2054	Forces associated with mantle plumes. 1993 , 119, 331-348	17
2053	Thermal anomalies beneath the Australian-Antarctic discordance. 1993 , 119, 349-364	23
2052	The Tertiary picrites of West Greenland: contributions from Icelandic and other sources. 1993 , 115, 227-244	67
2051	. 1993 , 57, 5013-5014	
2050	Precise U-Pb ages of Duluth Complex and related mafic intrusions, northeastern Minnesota: Geochronological insights to physical, petrogenetic, paleomagnetic, and tectonomagmatic processes associated with the 1.1 Ga Midcontinent Rift System. <i>Journal of Geophysical Research</i> , 1993 , 98, 13337-13348	1005
2049	Sedimentary evolution and drowning of a passive margin shelf (Giumal Group; Zaskar Tethys Himalaya, India): palaeoenvironmental changes during final break-up of Gondwanaland. 1993 , 74, 277-298	31
2048	Nature and tectonic setting of accreted basalts from the Mino terrane, central Japan. 1993 , 150, 1167-1181	53
2047	Modelling the plate-driving mechanism. 1993 , 150, 941-951	68
2046	Trace element models for mantle melting: application to volcanic arc petrogenesis. 1993 , 76, 373-403	268
2045	Apatite fission track results from Ireland and the Porcupine basin and their significance for the evolution of the North Atlantic. 1993 , 10, 572-590	15
2044	Late Archaean crustal extension, sedimentary basin formation, flood basalt volcanism and continental rifting: the Nullagine and Mount Jope Supersequences, Western Australia. 1993 , 60, 185-241	88
2043	Structure of axisymmetric mantle plumes. <i>Journal of Geophysical Research</i> , 1993 , 98, 6829-6844	72
2042	Mantle sources and magma-continental crust interactions during early Red Sea-Gulf of Aden rifting in southern Yemen: Elemental and Sr, Nd, Pb isotope evidence. <i>Journal of Geophysical Research</i> , 1993 , 98, 1819-1835	49
2041	Large-scale volcanism associated with coronae on Venus: Implications for formation and evolution. 1993 , 20, 1111-1114	32
2040	Episodic denudation in east Africa: A legacy of intracontinental tectonism. 1993 , 20, 2395-2398	17
2039	Structure of Archean crust and passive margin of southwest Greenland from seismic wide-angle data. <i>Journal of Geophysical Research</i> , 1993 , 98, 6623-6638	22
2038	High-resolution global upper mantle structure and plate tectonics. <i>Journal of Geophysical Research</i> , 1993 , 98, 9793	222

2037	Triple junction and ridge hotspots: Earthquakes, faults, and volcanism in Afar, the Azores, and Iceland. <i>Journal of Geophysical Research</i> , 1993 , 98, 11995-12001	7
2036	The interaction of plume heads with compositional discontinuities in the Earth's mantle. <i>Journal of Geophysical Research</i> , 1993 , 98, 19979-19990	36
2035	Lithospheric extension and magmatism in the Porcupine Basin west of Ireland. <i>Journal of Geophysical Research</i> , 1993 , 98, 13905-13923	47
2034	Buoyancy effects on mantle flow under Mid-Ocean Ridges. <i>Journal of Geophysical Research</i> , 1993 , 98, 12191-12205	52
2033	Thin crust at the western Iberia Ocean-Continent transition and ophiolites. 1993 , 12, 1230-1239	97
2032	Contrasting styles of rifting: Models and examples from the Eastern Canadian Margin. 1993 , 12, 639-655	108
2031	Stretching and subsidence: Rifting of conjugate margins in the North Atlantic Region. 1993 , 12, 1209-1229	38
2030	Siderophile and chalcophile metals as tracers of the evolution of the Siberian Trap in the Noril'sk region, Russia. 1993 , 57, 2001-2018	143
2029	Geophysical evidence of Cambrian-Silurian sedimentary rocks in the northern Skagerrak. 1993 , 115, 181-188	7
2028	Alkali basalts from Shuqra, Yemen: magmas generated in the crust-mantle transition zone?. 1993 , 76, 443-453	9
2027	The isotope and trace element geochemistry of basalts from the volcanic islands of the southern Red Sea. 1993 , 76, 455-467	11
2026	Advances in analytical technology and its influence on the development of modern inorganic geochemistry: a historical perspective. 1993 , 76, 501-520	1
2025	Subsidence analyses from the North Sea Triple-junction 1993 , 150, 473-488	34
2024	Late Eocene Recent volcanism and faulting in the southern main Ethiopian rift. 1993 , 150, 99-108	216
2023	Evolution of North Atlantic volcanic continental margins. 1993 , 4, 901-913	28
2022	Further comments on a geological map of the southern Deccan Traps, India and its structural implications. 1993 , 150, 791-795	1
2021	Cretaceous and Tertiary basin development west of Ireland. 1993 , 4, 1057-1066	42
2020	Plate-moving mechanisms: their relative importance. 1993 , 150, 927-940	45

2019	Geochemical signatures of oceanic and continental basalts: a key to mantle dynamics?. 1993 , 150, 977-990	53
2018	Rb-Sr age determinations of rocks from the Okenyanya igneous complex, northwestern Namibia. 1993 , 130, 335-343	18
2017	Early Precambrian crustal development: changing styles of mafic magmatism. 1993 , 150, 625-635	26
2016	New K-Ar ages, and a provisional chronology, for the offshore part of the British Tertiary Igneous Province. 1993 , 29, 73-85	48
2015	The role of Paleocene magmatism in the Tertiary evolution of basins on the NW seaboard. 1993 , 4, 97-105	18
2014	Geochronological constraints on a possible hot spot origin for Hess Rise and the Wentworth Seamount chain. 1993 , 263-277	10
2013	Models of burial diagenesis for deep exploration plays in Jurassic fault traps of the Central and Northern North Sea. 1993 , 4, 1353-1375	18
2012	Geochemistry and age of the Ontong Java Plateau. 1993 , 233-261	113
2011	Structuring and transfer zones in the Faeroe Basin in a regional tectonic context. 1993 , 4, 999-1009	58
2010	Etruria Formation (Westphalian C) palaeoenvironments and volcanicity on the southern margins of the Pennine Basin, South Staffordshire, England. 1993 , 150, 737-750	17
2009	Basin structure and Tertiary magmatism on Skye, NW Scotland. 1994 , 151, 931-944	16
2008	K-Ar ages of the Brandberg and Okenyanya igneous complexes, north-western Namibia. 1994 , 83, 348-356	17
2007	Early Cretaceous volcanoclastic and quartzose sandstones from north central Nepal: composition, sedimentology and geotectonic significance. 1994 , 83, 62-75	14
2006	The Triassic of the Thakkhola (Nepal). II: Paleolatitudes and comparison with other Eastern Tethyan Margins of Gondwana. 1994 , 83, 107-129	21
2005	Tectonic controls on the geochemical composition of Cenozoic, mafic alkaline volcanic rocks from West Antarctica. 1994 , 117, 187-202	103
2004	The ocean/continent transition along a profile through the Lofoten basin, Northern Norway. 1994 , 16, 201-224	20
2003	Emplacement of a radiating dike swarm in western Vinmara Planitia, Venus: interpretation of the regional stress field orientation and subsurface magmatic configuration. 1994 , 66, 153-171	25
2002	A quantitative assessment of the effects of magmatism on the thermal history of the Karoo sedimentary sequence. 1994 , 18, 227-243	47

2001	The Yellowstone hotspot. 1994 , 61, 121-187	165
2000	Constraints on North American plate velocity from the Yellowstone hotspot deformation field. 1994 , 369, 53-55	22
1999	Crustal structure of the Goban Spur rifted continental margin, Ne Atlantic. 1994 , 119, 1-19	62
1998	Phase change and thermal subsidence of the Williston basin. 1994 , 116, 585-597	32
1997	Upper-mantle velocity structure beneath the Siberian platform. 1994 , 118, 369-378	44
1996	Effects of rigidity layering, gravity and stress relaxation on 3-D subsurface fault displacement fields. 1994 , 118, 201-220	46
1995	Effect of the Cretaceous Serra Geral igneous event on the temperatures and heat flow of the Parana Basin, southern Brazil. 1994 , 6, 239-244	10
1994	Temporal changes in the sources of flood basalts: Isotopic and trace element evidence from the 1100 Ma old Keweenaw Mamainse Point Formation, Ontario, Canada. 1994 , 58, 4475-4490	71
1993	Deep structure of the U.S. Atlantic continental margin, offshore South Carolina, from coincident ocean bottom and multichannel seismic data. <i>Journal of Geophysical Research</i> , 1994 , 99, 9155-9178	112
1992	Temporal evolution of mantle sources during continental rifting: The volcanism of Djibouti (Afar). <i>Journal of Geophysical Research</i> , 1994 , 99, 2853-2869	136
1991	North Atlantic volcanic margins: Dimensions and production rates. <i>Journal of Geophysical Research</i> , 1994 , 99, 2955-2968	252
1990	Some theoretical predictions on the relationships among spreading rate, mantle temperature, and crustal thickness. <i>Journal of Geophysical Research</i> , 1994 , 99, 3215-3227	43
1989	Geochemical effects of dynamic melting beneath ridges: Reconciling major and trace element variations in Kolbeinsey (and global) mid-ocean ridge basalt. <i>Journal of Geophysical Research</i> , 1994 , 99, 9077-9095	60
1988	The continent-ocean crustal transition across the southwest Greenland margin. <i>Journal of Geophysical Research</i> , 1994 , 99, 9117-9135	99
1987	Large igneous provinces: Crustal structure, dimensions, and external consequences. 1994 , 32, 1	1051
1986	Post-Gondwana geomorphic evolution of southwestern Africa: Implications for the controls on landscape development from observations and numerical experiments. <i>Journal of Geophysical Research</i> , 1994 , 99, 12211-12228	105
1985	Numerical investigations of the mantle plume initiation model for flood basalt events. <i>Journal of Geophysical Research</i> , 1994 , 99, 13813-13833	170
1984	The denudation history of the onshore continental margin of SE Brazil inferred from apatite fission track data. <i>Journal of Geophysical Research</i> , 1994 , 99, 18117-18145	136

1983	Seismic structure of the U.S. Mid-Atlantic continental margin. <i>Journal of Geophysical Research</i> , 1994 , 99, 17871-17891	92
1982	On the relationship between dike width and magma viscosity. <i>Journal of Geophysical Research</i> , 1994 , 99, 17743-17755	49
1981	Crustal structure of a nonvolcanic rifted margin east of Newfoundland. <i>Journal of Geophysical Research</i> , 1994 , 99, 15161	91
1980	Transition from continental to oceanic crust on the Wilkes-Adelie margin of Antarctica. <i>Journal of Geophysical Research</i> , 1994 , 99, 24189-24205	23
1979	Structures related to Red Sea evolution in northern Eritrea. 1994 , 13, 1371-1380	64
1978	Crustal architecture of the cascadia forearc. 1994 , 266, 237-43	155
1977	Double flood basalts and plume head separation at the 660-kilometer discontinuity. 1994 , 266, 1367-9	100
1976	Mineral resources of anorogenic alkaline complexes in Namibia: A review. 1994 , 41, 157-168	22
1975	A short interval of Jurassic continental flood basalt volcanism in Antarctica as demonstrated by $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. 1994 , 121, 19-41	114
1974	Palaeomagnetism and $^{36}\text{Ar}/^{40}\text{Ar}$ vs. $^{39}\text{Ar}/^{40}\text{Ar}$ isotope correlation ages of dyke swarms in central Kerala, India: Tectonic implications. 1994 , 121, 213-226	35
1973	Superkimberlites: A geodynamic diamond window to the Earth's core. 1994 , 122, 57-69	138
1972	Magmatism and continental break-up in the South Atlantic: high precision $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. 1994 , 121, 333-348	346
1971	Characterisation of a plume-related ~ 800 Ma magmatic event and its implications for basin formation in central-southern Australia. 1994 , 121, 349-367	215
1970	Interaction of the upwelling plume with the phase and chemical boundary at the 670 km discontinuity: Effects of temperature-dependent viscosity. 1994 , 121, 369-384	49
1969	Decompression melting at rifted margins: comparison of model predictions with the distribution of igneous rocks on the eastern Canadian margin. 1994 , 121, 403-416	38
1968	Mechanisms of extensional basin formation and vertical motions at rift flanks: Constraints from tectonic modelling and fission-track thermochronology. 1994 , 121, 417-433	130
1967	Dupal anomaly of Brazilian carbonatites: Geochemical correlations with hotspots in the South Atlantic and implications for the mantle source. 1994 , 126, 315-331	67
1966	Reply to discussion on Early tectonic extension between the Agulhas Bank and the Falkland Plateau due to rotation of the Lafonia microplate 1994 , 126, 505-508	4

1965	Mantle plumes, continental magmatism and asymmetry in the South Atlantic. 1994 , 123, 105-117	46
1964	The sublithospheric mantle as the source of continental flood basalts; the case against the continental lithosphere and plume head reservoirs. 1994 , 123, 269-280	170
1963	Rift initiation by lithospheric rupture. 1994 , 123, 281-298	40
1962	Extension and magmatism in the Oslo rift, southeast Norway: No sign of a mantle plume. 1994 , 123, 317-329	22
1961	Volcanism around K/T boundary time fits role in an impact scenario for the K/T extinction events. 1994 , 36, 1-26	33
1960	S-wave velocity, basalt chemistry and bathymetry along the Mid-Atlantic Ridge. 1994 , 84, 79-93	17
1959	Shear-wave splitting in the lower crust beneath the Archean crust of southwest Greenland. 1994 , 232, 195-210	7
1958	The reflectivity of magmatic underplating using the layered mafic intrusion analog. 1994 , 232, 239-255	40
1957	Stratigraphic and structural constraints on mechanisms of active rifting in the Gregory Rift, Kenya. 1994 , 236, 3-22	79
1956	A crustal and uppermost mantle cross-sectional model of the Kenya Rift derived from seismic and gravity data. 1994 , 236, 217-249	41
1955	Cenozoic extension in northern Kenya: a quantitative model of rift basin development in the Turkana region. 1994 , 236, 409-438	107
1954	Some remarks on lithospheric forces and decompression magmatism. 1994 , 240, 11-19	6
1953	Radiative heat transfer in lithospheric geodynamics: implications for asthenospheric partial melting and basin modelling concepts. 1994 , 240, 115-131	4
1952	Dimensions of the Late Cretaceous-Paleocene Northeast Atlantic rift derived from Cenozoic subsidence. 1994 , 240, 225-247	77
1951	Lithology, chemistry, age, and origin of the Proterozoic Cardenas Basalt, Grand Canyon, Arizona. 1994 , 65, 255-276	14
1950	Quantification of Tertiary erosion in the Inner Moray Firth using sonic velocity data from the Chalk and the Kimmeridge Clay. 1994 , 11, 283-293	54
1949	Relationship between Proterozoic dykes and associated volcanic sequences: evidence from the Harp Swarm and Seal Lake Group, Labrador, Canada. 1994 , 68, 357-374	14
1948	Tectonomagmatic evolution of the Kenya rift valley: some geological perspectives. 1994 , 151, 879-888	18

1947	Origin of anomalous Tertiary subsidence adjacent to North Atlantic continental margins. 1994 , 11, 702-714	49
1946	Chapter 1 Mechanics of Flood Basalt Magmatism. 1994 , 57, 1-18	12
1945	The Edoras Bank margin; continental break-up in the presence of a mantle plume. 1995 , 152, 971-974	25
1944	Catastrophe: impact of comets and asteroids. 1995 , 95-147	2
1943	A Neoproterozoic multi-phase rift sequence: the Grampian and Appin groups of the southwestern Monadhliath Mountains of Scotland. 1995 , 152, 391-406	38
1942	Age of Mesozoic igneous rocks in northwestern Namibia, and their relationship to continental breakup. 1995 , 152, 97-104	85
1941	Widespread Palaeocene volcanism around the northern North Atlantic and Labrador Sea: evidence for a large, hot, early plume head. 1995 , 152, 965-969	39
1940	⁴⁰ Ar/ ³⁹ Ar chronology, petrology and geodynamic setting of Mesozoic to early Cenozoic magmatism from the Benue Trough, Nigeria. 1995 , 152, 311-326	77
1939	Effect of the Cretaceous Serra Geral igneous event on the temperatures and heat flow of the Parana Basin, southern Brazil. 1995 , 7, 215-220	6
1938	Thermally subsiding basins and the insulating effect of sediment with application to the Cambro-Ordovician Great Basin sequence, western USA. 1995 , 7, 221-233	12
1937	Gravity study of the crustal structures of Somalia along International Lithosphere Program geotranssects. 1995 , 20, 263-274	7
1936	Geochronology and cooling history of the northern part of the Chilwa Alkaline Province, Malawi. 1995 , 20, 275-288	45
1935	Investigations of the East Greenland continental margin between 70° and 72° N by deep seismic sounding and gravity studies. 1995 , 17, 167-199	47
1934	The crustal dichotomy of Mars. 1995 , 69, 249-269	4
1933	Geochemistry of the Grenville Dyke Swarm: role of plume-source mantle in magma genesis. 1995 , 120, 29-41	23
1932	Crustal structure of the Lofoten continental margin, off northern Norway, from ocean-bottom seismographic studies. 1995 , 121, 907-924	33
1931	Deep structure of the northern Kerguelen Plateau and hotspot-related activity. 1995 , 122, 899-924	72
1930	The intermediate-wavelength magnetic anomaly maps of the North Atlantic Ocean derived from satellite and shipborne data. 1995 , 123, 727-743	10

1929	Gravity anomalies derived from Seasat, Geosat, ERS-1 and TOPEX/POSEIDON altimetry and ship gravity: a case study over the Reykjanes Ridge. 1995 , 122, 551-568	53
1928	Arcs and backarc basins in the Early Paleozoic Iapetus Ocean. 1995 , 4, 1-67	48
1927	Seismic and geochemical evidence for large-scale mantle upwelling beneath the eastern Atlantic and western and central Europe. 1995 , 374, 34-39	337
1926	The role of mantle plumes in continental breakup: case histories from Gondwanaland. 1995 , 377, 301-308	497
1925	Geological and geophysical reconnaissance of the Lotikipi plain of northwestern Kenya and its relationship to the northern Kenya Rift. 1995 , 21, 241-251	2
1924	Surge-tectonic evolution of southeastern Asia: a geohydrodynamics approach. 1995 , 12, 145-247	5
1923	Was a short-lived Baffin Bay plume active prior to initiation of the present Icelandic plume? Clues from the high-Mg picrites of West Greenland. 1995 , 34, 27-39	19
1922	Magma differentiation and mineralisation in the Siberian continental flood basalts. 1995 , 34, 61-88	148
1921	Extensional processes in continental lithosphere. <i>Journal of Geophysical Research</i> , 1995 , 100, 24187-24215	175
1920	Ferro-andesites in the Grande Ronde Basalt: their composition and significance in studies of the origin of the Columbia River Basalt Group. 1995 , 32, 424-436	2
1919	A Simple Petrologic Model for the Generation of Deccan Trap Magmas. 1995 , 37, 825-850	37
1918	Quantification of Tertiary exhumation from sonic velocity data, Celtic Sea/South-Western Approaches. 1995 , 88, 191-207	14
1917	Transient regional uplift in the Early Tertiary of the northern North Sea and the development of the Iceland Plume. 1995 , 152, 953-958	44
1916	Palaeocene uplift and Eocene subsidence in the northern North Sea Basin from 2D forward and reverse stratigraphic modelling. 1995 , 152, 833-848	62
1915	Dynamic support by the Iceland Plume and its effect on the subsidence of the northern Atlantic margins. 1995 , 152, 935-941	19
1914	Early Precambrian crustal development: changing styles of mafic magmatism. 1995 , 16, 25-35	2
1913	Flood basalts versus central volcanoes and the British Tertiary volcanic Province. 1995 , 16, 195-202	7
1912	Regional Tertiary Exhumation in and around the United Kingdom. 1995 , 88, 167-190	23

1911	The link between sedimentary basin inversion and igneous underplating. 1995 , 88, 21-38	31
1910	Mafic dykes from Æsfjord, Seiland Igneous Province, northern Norway: geochemistry and palaeotectonic significance. 1995 , 132, 667-681	16
1909	Tertiary structuration and erosion of the Inner Moray Firth. 1995 , 90, 249-269	7
1908	Basin development and petroleum prospectivity of the Rockall and Hatton region. 1995 , 93, 435-457	11
1907	The temperature of the Iceland plume and origin of outward-propagating V-shaped ridges. 1995 , 152, 1039-1045	151
1906	Sea-floor spreading in the presence of the Iceland plume: the structure of the Reykjanes Ridge at 61°40'N. 1995 , 152, 1023-1029	57
1905	The heterogeneous Iceland plume: new insights from the alkaline basalts of the Snaefell volcanic centre. 1995 , 152, 1003-1009	57
1904	Relationship of the Cambay rift basin to the Deccan volcanism. 1995 , 20, 85-95	26
1903	Crustal configuration of the Narmada-Tapti region (India) from gravity studies. 1995 , 20, 111-127	65
1902	Labrador Sea: the extent of continental and oceanic crust and the timing of the onset of seafloor spreading. 1995 , 12, 205-217	115
1901	Tectonics and deep structure of the north-western Mediterranean Basin. 1995 , 12, 645-666	84
1900	Petrology of the Proterozoic mafic dyke swarms of Uruguay and constraints on their mantle source composition. 1995 , 74, 177-194	24
1899	U?Pb geochronology of layered mafic intrusions in the eastern Baltic Shield: implications for the timing and duration of Paleoproterozoic continental rifting. 1995 , 75, 31-46	231
1898	A continuing discussion about the correlation of tidal gravity anomalies and heat flow densities. 1995 , 88, 223-256	16
1897	The Banvel Flexure along the Western Indian continental margin: an extensional fault structure related to Deccan magmatism. 1995 , 241, 165-178	48
1896	Strike-slip faults in a rift area: a transect in the Afar Triangle, East Africa. 1995 , 241, 67-97	49
1895	The transition between the Erris and the Rockall basins: new evidence from wide-angle seismic data. 1995 , 241, 143-163	29
1894	Spreading mode of backarc basins in the western Pacific. 1995 , 251, 139-152	42

1893	Geochemical characteristics of lavas from Broken Ridge, the Naturaliste Plateau and southernmost Kerguelen Plateau: Cretaceous plateau volcanism in the southeast Indian Ocean. 1995 , 120, 315-345	156
1892	Geochemistry of mafic magmas from the Ungava orogen, Québec, Canada, and implications for mantle reservoir compositions at 2.0 Ga. 1995 , 120, 361-380	15
1891	Trace-element and isotopic characteristics of spinel peridotite xenoliths from Saudi Arabia. 1995 , 123, 53-65	53
1890	Carbon in Mid-Atlantic Ridge basalt glasses from 28°N to 63°N: Evidence for a carbon-enriched Azores mantle plume. 1995 , 129, 31-53	41
1889	The fluid dynamics of plume-ridge and plume-plate interactions: An experimental investigation. 1995 , 129, 171-182	63
1888	Effects of temperature-dependent material properties and radioactive heat production on simple basin subsidence models. 1995 , 130, 31-44	8
1887	Enrichment of the continental lithosphere by OIB melts: Isotopic evidence from the volcanic province of northern Tanzania. 1995 , 130, 109-126	86
1886	Observations of anomalous oceanic crust in the Canada Basin, Arctic Ocean. 1995 , 134, 99-106	4
1885	High-Ti and low-Ti mafic potassic magmas: Key to plume-lithosphere interactions and continental flood-basalt genesis. 1995 , 136, 149-165	136
1884	An alternative mechanism of flood basalt formation. 1995 , 136, 269-279	230
1883	Giant radiating dyke swarms on Earth and Venus. 1995 , 39, 1-58	275
1882	Effect of finite extension rate on melt generation at rifted continental margins. <i>Journal of Geophysical Research</i> , 1995 , 100, 18011-18029	149
1881	Models of the development of the West Iberia rifted continental margin at 40°30'N deduced from surface and deep-tow magnetic anomalies. <i>Journal of Geophysical Research</i> , 1995 , 100, 3789-3806	115
1880	The crustal structure of the Rockall Trough: Differential stretching without underplating. <i>Journal of Geophysical Research</i> , 1995 , 100, 4097-4116	57
1879	Partial melting of melt metasomatized subcontinental mantle and the magma source potential of the lower lithosphere. <i>Journal of Geophysical Research</i> , 1995 , 100, 10255-10269	84
1878	The role of rifting in the generation of melt: Implications for the origin and evolution of the Lada Terra-Lavinia Planitia region of Venus. <i>Journal of Geophysical Research</i> , 1995 , 100, 1527	19
1877	Lithosphere, asthenosphere, and perisphere. 1995 , 33, 125	180
1876	Morphotectonic evolution of rifted continental margins: Inferences from a coupled tectonic-surface processes model and fission track thermochronology. 1995 , 14, 406-421	79

1875	The transition from a volcanic to a nonvolcanic rifted margin off eastern Canada. 1995 , 14, 359-371	57
1874	Have wet and dry Precambrian crust largely governed Cenozoic intraplate magmatism from Arabia to East Africa?. 1995 , 22, 2337-2340	10
1873	Osmium and neodymium isotopic constraints on the temporal and spatial evolution of Siberian flood basalt sources. 1995 , 59, 5159-5168	84
1872	Timing of hot spot--related volcanism and the breakup of madagascar and India. 1995 , 267, 852-5	518
1871	High-3He Plume Origin and Temporal-Spatial Evolution of the Siberian Flood Basalts. 1995 , 269, 822-5	132
1870	Synchrony and causal relations between permian-triassic boundary crises and siberian flood volcanism. 1995 , 269, 1413-6	468
1869	The structural and geochemical evolution of the continental crust: Support for the oceanic plateau model of continental growth. 1995 , 33, 231	69
1868	Syn- and postrift evolution of the El Jadida Agadir basin (Morocco): constraints for the rifting models of the central Atlantic. 1995 , 32, 1273-1291	57
1867	Age of the Grenville dyke swarm, Ontario-Quebec: implications for the timing of lapetan rifting. 1995 , 32, 273-280	105
1866	Origin of thick, high-velocity igneous crust along the U.S. East Coast Margin. <i>Journal of Geophysical Research</i> , 1995 , 100, 10077-10094	162
1865	Geochemistry and geochronology of ancient southeast Indian and southwest Pacific seafloor. <i>Journal of Geophysical Research</i> , 1995 , 100, 22261-22282	65
1864	Mantle plumes and flood basalts. <i>Journal of Geophysical Research</i> , 1995 , 100, 17543-17585	440
1863	Deep penetration seismic soundings across the northern margin of the South China Sea. <i>Journal of Geophysical Research</i> , 1995 , 100, 22407-22433	172
1862	Crustal structure of the Labrador Sea conjugate margin and implications for the formation of nonvolcanic continental margins. <i>Journal of Geophysical Research</i> , 1995 , 100, 24239-24253	106
1861	Dynamic support by the Icelandic plume and vertical tectonics of the northeast Atlantic continental margins. <i>Journal of Geophysical Research</i> , 1995 , 100, 24473-24486	41
1860	On the effect of continents on mantle convection. <i>Journal of Geophysical Research</i> , 1995 , 100, 24217-24238	107
1859	Meso-Cenozoic morphotectonic evolution of southern Norway: Neogene domal uplift inferred from apatite fission track thermochronology. 1995 , 14, 704-718	129
1858	Formation and evolution of the Nova Scotian rifted margin: Evidence from deep seismic reflection data. 1995 , 14, 918-932	36

1857	Why is it downhill from Tonopah to Las Vegas?: A case for mantle plume support of the high northern Basin and Range. 1995 , 14, 1235-1244	30
1856	Developments in the structural geology of rifts over the last decade and their impact on hydrocarbon exploration. 1995 , 80, 1-32	51
1855	The Paleocene-Eocene benthic foraminiferal extinction and stable isotope anomalies. 1996 , 101, 401-441	160
1854	The lithosphere below the Rockall Trough: wide-angle seismic evidence for extensive serpentinisation. 1996 , 255, 1-23	90
1853	Formation of magmatic crust at the Andean continental margin during early Mesozoic: a geological and thermal model of the North Chilean Coast Range. 1996 , 262, 263-279	16
1852	The geochemistry and tectonic setting of late Cretaceous Caribbean and Colombian volcanism. 1996 , 9, 111-120	59
1851	Evolution of the tyrrhenian basin and surrounding regions as a result of the Africa-Eurasia convergence. 1996 , 21, 35-72	85
1850	The continent/ocean transition of the Lofoten volcanic margin, N. Norway. 1996 , 22, 189-206	15
1849	Plume tectonics as a cause of mass wasting on the southeast Greenland continental margin. 1996 , 13, 771-780	17
1848	Deep penetrating MCS imaging of the rift-to-drift transition, offshore Douala and North Gabon basins, West Africa. 1996 , 13, 791-835	67
1847	A thermo-chemical regime in the upper mantle in the early Earth inferred from a numerical model of magma-migration in a convecting upper mantle. 1996 , 94, 187-215	14
1846	Isostasy of Africa. 1996 , 137, 1-18	70
1845	Uplift and erosional history of the Deccan Traps, India: Evidence from laterites and drainage patterns of the Western Ghats and Konkan Coast. 1996 , 137, 57-69	120
1844	Eustasy as a test of a Cretaceous superplume hypothesis. 1996 , 137, 101-108	21
1843	Reheating of old oceanic lithosphere: Deductions from observations. 1996 , 139, 91-104	34
1842	Mantle plume and lithosphere contributions to basalts from southern Ethiopia. 1996 , 139, 195-211	106
1841	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]. 1996 , 141, 325-341	62
1840	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. 1996 , 141, 277-291	114

1839	Mantle heterogeneities beneath the South Atlantic: a NdSrPb isotope study along the Mid-Atlantic Ridge (3°S–6°S). 1996 , 142, 209-221	63
1838	Helium isotopic variations in Ethiopian plume lavas: nature of magmatic sources and limit on lower mantle contribution. 1996 , 144, 223-237	169
1837	Lithospheric to asthenospheric transition in Low-Ti flood basalts from southern Paraná, Brazil. 1996 , 127, 1-24	151
1836	Geochemistry of the Tertiary volcanism of Northern Ireland. 1996 , 129, 15-38	33
1835	Sr?Nd?Pb isotopic and trace element evidence for crustal contamination of plume-derived flood basalts: Oligocene flood volcanism in western Yemen. 1996 , 60, 2559-2581	113
1834	Along-axis segmentation and isostasy in the Western rift, East Africa. <i>Journal of Geophysical Research</i> , 1996 , 101, 3247-3268	62
1833	The interaction of mantle plumes with surface thermal and chemical boundary layers: Applications to hotspots on Venus. <i>Journal of Geophysical Research</i> , 1996 , 101, 5397-5410	48
1832	Buoyancy sources for a large, unrooted mountain range, the Sierra Nevada, California: Evidence from xenolith thermobarometry. <i>Journal of Geophysical Research</i> , 1996 , 101, 8229-8244	219
1831	Analysis and interpretation of the surface topography and gravitational potential of Venus. <i>Journal of Geophysical Research</i> , 1996 , 101, 4711-4724	8
1830	Control of North Atlantic Deep Water Circulation by the Greenland-Scotland Ridge. 1996 , 11, 157-170	194
1829	Patterns of late Cenozoic volcanic and tectonic activity in the West Antarctic rift system revealed by aeromagnetic surveys. 1996 , 15, 660-676	66
1828	Exploring the volcanic-rifted margins of the North Atlantic. 1996 , 77, 165	4
1827	Seismic images of crust beneath Iceland contribute to long-standing debate. 1996 , 77, 197	18
1826	Role of the Kerguelen Plume in generating the eastern Indian Ocean seafloor. <i>Journal of Geophysical Research</i> , 1996 , 101, 13831-13849	55
1825	Mantle plumes, flood basalts, and thermal models for melt generation beneath continents: Assessment of a conductive heating model and application to the Paraná. <i>Journal of Geophysical Research</i> , 1996 , 101, 11503-11518	110
1824	Seismic refraction investigations on the crustal structure of the western Jameson Land Basin, East Greenland. <i>Journal of Geophysical Research</i> , 1996 , 101, 15867-15881	18
1823	Deep structure of the southern Kerguelen Plateau (southern Indian Ocean) from ocean bottom seismometer wide-angle seismic data. <i>Journal of Geophysical Research</i> , 1996 , 101, 25077-25103	61
1822	The ocean-continent boundary off the western continental margin of Iberia: Crustal structure west of Galicia Bank. <i>Journal of Geophysical Research</i> , 1996 , 101, 28291-28314	138

1821	Major, trace element, and isotopic compositions of Vietnamese basalts: Interaction of hydrous EM1-rich asthenosphere with thinned Eurasian lithosphere. 1996 , 60, 4329-4351	105
1820	Os, Sr, Nd, Pb, O isotope and trace element data from the Ferrar flood basalts, antarctica: evidence for an enriched subcontinental lithospheric source. 1996 , 144, 529-545	101
1819	Helium isotope ratios in Ethiopian Rift basalts. 1996 , 144, 505-516	60
1818	Seismic velocity, heterogeneity, and the composition of the lower crust. 1996 , 264, 249-259	12
1817	Extensional basins of the former Soviet Union structure, basin formation mechanisms and subsidence history. 1996 , 266, 251-285	37
1816	The formation of the northwestern Dniepr-Donets Basin: 2-D forward and reverse syn-rift and post-rift modelling. 1996 , 268, 237-255	32
1815	Syn-rift evolution of the Pripyat Trough: constraints from structural and stratigraphic modelling. 1996 , 268, 221-236	28
1814	Magmatism and the geodynamics of rifting of the Pripyat-Dnieper-Donets rift, East European Platform. 1996 , 268, 65-81	102
1813	Indian Intraplate and Continental Margin Rifting, Lithospheric Extension, and Mantle Upwelling in Deccan Flood Basalt Volcanism near the K/T Boundary: Evidence from Mafic Dike Swarms. 1996 , 104, 379-398	84
1812	Petrology of Early Cretaceous flood basalts and dykes along the rifted volcanic margin of eastern India. 1996 , 13, 95-111	8
1811	Palaeomagnetic and geochemical characteristics of the Rajmahal Traps, eastern India. 1996 , 13, 113-122	8
1810	The formation and fate of large oceanic igneous provinces. 1996 , 37, 81-95	118
1809	Shifts in the source of the Parana basalts through time. 1996 , 37, 223-243	59
1808	Spatial and temporal variations in the compositions of Upper Miocene to Recent basic lavas in the northern main Ethiopian rift: Implications for the causes of Cenozoic magmatism in Ethiopia. 1996 , 85, 380-389	6
1807	Brittle tectonism in relation to the Palaeogene evolution of the Thulean/NE Atlantic domain: a study in Ulster. 1996 , 31, 259-269	11
1806	Amounts of crustal stretching in Valles Marineris, Mars. 1996 , 44, 749-781	64
1805	Constraints on melt production rate beneath the mid-ocean ridges based on passive flow models. 1996 , 146, 589-620	16
1804	Stress models for Tharsis formation, Mars. 1996 , 44, 1471-1497	41

1803	A plume tectonics model for the Tharsis province, Mars. 1996 , 44, 1499-1546	165
1802	Thermotectonic evolution of a rifted continental margin: fission track evidence from the Kangerlussuaq area, SE Greenland. 1996 , 8, 458-469	19
1801	A revised estimation of the steady-state geotherm for the continental lithosphere and its implication for mantle melting. 1996 , 8, 514-524	5
1800	Mechanisms of isostatic compensation of the Zimbabwe and Kaapvaal cratons, the Limpopo Belt and the Mozambique basin. 1996 , 127, 635-650	11
1799	Hotspot-ridge interaction in the Indian Ocean: constraints from Geosat/ERM altimetry. 1996 , 126, 796-804	7
1798	Shear-wave velocity structure beneath Europe, the northeastern Atlantic and western Asia from waveform inversions including surface-wave mode coupling. 1996 , 127, 283-304	78
1797	Vp/Vs ratio structure of the Lofoten continental margin, northern Norway, and its geological implications. 1996 , 124, 724-740	17
1796	Cote d'Ivoire-Ghana margin: seismic imaging of passive rifted crust adjacent to a transform continental margin. 1996 , 125, 781-795	26
1795	Crustal structure of the Antarctic continental margin in the eastern Weddell Sea. 1996 , 108, 165-174	6
1794	Forward and reverse stratigraphic modelling of Cretaceous-Tertiary post-rift subsidence and Paleogene uplift in the Outer Moray Firth Basin, central North Sea. 1996 , 101, 43-62	5
1793	Geochronology of Mesozoic tholeiitic magmatism in Antarctica: implications for the development of the failed Weddell Sea rift system. 1996 , 108, 45-61	21
1792	On the origin of a reddened interflow bed within the Palaeocene lava field of north Skye. 1996 , 32, 117-126	14
1791	The development of the crust off Dronning Maud Land, East Antarctica. 1996 , 108, 243-264	32
1790	Far-field and gravity tectonics in Miocene basins of Sabah, Malaysia. 1996 , 106, 307-320	17
1789	Weddell Sea tectonics and Gondwana break-up: an introduction. 1996 , 108, 1-10	12
1788	Early Paleogene offshore igneous activity to the northwest of the UK and its relationship to the North Atlantic Igneous Province. 1996 , 101, 63-78	27
1787	The history of denudation and re-sedimentation at the continental margin of western Dronning Maud Land, Antarctica, during break-up of Gondwana. 1996 , 108, 191-199	3
1786	Structure and Mesozoic evolution of the eastern Weddell Sea, Antarctica: history of early Gondwana break-up. 1996 , 108, 175-190	5

1785	Application of palynological data to the chronology of the Palaeogene lava fields of the British Province: implications for magmatic stratigraphy. 1997 , 154, 701-708	28
1784	Thermal evolution of the Central Atlantic passive margins: continental break-up above a Mesozoic super-plume. 1997 , 154, 491-495	124
1783	Generation and Polybaric Differentiation of East Greenland Early Tertiary Flood Basalts. 1997 , 38, 231-275	81
1782	Tertiary palaeosurfaces of the SW Deccan, Western India: implications for passive margin uplift. 1997 , 120, 221-248	42
1781	Orogeny through time: an overview. 1997 , 121, 1-17	17
1780	Wide and narrow margins of the Brazilian South Atlantic. 1997 , 154, 471-476	55
1779	The continental margin off southern Greenland: along-strike transition from an amagmatic to a volcanic margin. 1997 , 154, 571-576	34
1778	Geochronology of the North American Midcontinent rift in western Lake Superior and implications for its geodynamic evolution. 1997 , 34, 476-488	114
1777	Mantle temperature and lithospheric thinning beneath the Midcontinent rift system: evidence from magmatism and subsidence. 1997 , 34, 464-475	26
1776	Rise of starting plumes through mantle of temperature-, pressure-, and stress-dependent viscosity. <i>Journal of Geophysical Research</i> , 1997 , 102, 7613-7623	4
1775	Lateral flow and ponding of starting plume material. <i>Journal of Geophysical Research</i> , 1997 , 102, 10001-10012	144
1774	Structure and origin of the 85°E ridge. <i>Journal of Geophysical Research</i> , 1997 , 102, 17995-18012	46
1773	Genesis of flood basalts from eclogite-bearing mantle plumes. <i>Journal of Geophysical Research</i> , 1997 , 102, 20179-20197	128
1772	The timing and duration of the Karoo igneous event, southern Gondwana. <i>Journal of Geophysical Research</i> , 1997 , 102, 18127-18138	385
1771	Crustal structure of the Ontong Java Plateau: Modeling of new gravity and existing seismic data. <i>Journal of Geophysical Research</i> , 1997 , 102, 22711-22729	118
1770	Filling of flexural moats around large volcanoes on Venus: Implications for volcano structure and global magmatic flux. <i>Journal of Geophysical Research</i> , 1997 , 102, 16303-16318	27
1769	Corona Formation and Heat Loss on Venus by Coupled Upwelling and Delamination. 1997 , 277, 1289-1294	98
1768	GEOLOGY: Do Continents Part Passively, or Do They Need a Shove?. 1997 , 278, 240-241	

1767	South Atlantic volcanic margins. 1997 , 154, 465-470	175
1766	Mid-Tertiary rifting and magmatism in the Traill fregion, East Greenland. 1997 , 154, 419-434	70
1765	Longitudinal strike-slip faults in oceanic rifting: a mesostructural study from western to southeastern Iceland. 1997 , 269, 65-89	19
1764	Crustal structure of the central part of the Vring Basin, mid-Norway margin, from ocean bottom seismographs. 1997 , 277, 235-257	88
1763	Quaternary volcanic activity of the southern Red Sea: new data and assessment of models on magma sources and Afar plume-lithosphere interaction. 1997 , 278, 15-29	54
1762	Seismic stratigraphy and structure of the Caribbean igneous province. 1997 , 283, 61-104	129
1761	An integrated model for the deep structure of the Chyulu Hills volcanic field, Kenya. 1997 , 278, 187-209	15
1760	The influence of pre-existing structures on the evolution of the southern Kenya Rift Valley □ evidence from seismic and gravity studies. 1997 , 278, 211-242	90
1759	An integrated analysis of lithospheric structure across the East African plateau based on gravity anomalies and recent seismic studies. 1997 , 278, 291-313	60
1758	Strontium isotopic and trace element heterogeneity in the plains basalts of the Newer Volcanic Province, Victoria, Australia. 1997 , 61, 171-192	99
1757	Zircon U?Pb and hornblende 40Ar?39Ar ages for the Dufek layered mafic intrusion, Antarctica: Implications for the age of the Ferrar large igneous province. 1997 , 61, 2497-2504	55
1756	Volcanic and nonvolcanic rifted margins of the Red Sea and Gulf of Aden: Crustal cooling and margin evolution in Yemen. 1997 , 61, 2511-2527	79
1755	Temperature anomalies under the Northeast Atlantic rifted volcanic margins. 1997 , 146, 195-211	19
1754	40Ar39Ar dating of the Skaergaard intrusion. 1997 , 146, 645-658	53
1753	Early Tertiary plume uplift of the North Sea and Faeroe-Shetland Basins. 1997 , 148, 109-127	89
1752	Thermal and chemical structure of the Iceland plume. 1997 , 153, 197-208	471
1751	The non-linear initiation of diapirs and plume heads. 1997 , 101, 119-130	34
1750	Plume-rift interaction in the Deccan volcanic province. 1997 , 99, 179-187	29

1749	A bifurcation in the coupled magmatism-mantle convection system and its implications for the evolution of the Earth's upper mantle. 1997 , 102, 259-276	10
1748	Density changes in upwelling mantle. 1997 , 103, 63-84	7
1747	Early alkaline magmatism in the Deccan Traps: Implications for plume incubation and lithospheric rifting. 1997 , 104, 371-376	16
1746	The clustering of rising diapirs and plume heads. 1997 , 24, 201-204	16
1745	Crustal structure of Edoras Bank continental margin and mantle thermal anomalies beneath the North Atlantic. <i>Journal of Geophysical Research</i> , 1997 , 102, 3109-3129	97
1744	Crustal structure of the Kolbeinsey Ridge, North Atlantic, obtained by use of ocean bottom seismographs. <i>Journal of Geophysical Research</i> , 1997 , 102, 3131-3151	65
1743	U.S. mid-Atlantic margin structure and early thermal evolution. <i>Journal of Geophysical Research</i> , 1997 , 102, 22855-22875	34
1742	Intraplate versus ridge volcanism on the Pacific-Antarctic Ridge near 37°S–11°W. <i>Journal of Geophysical Research</i> , 1997 , 102, 12265-12286	23
1741	Fföe-Iceland Ridge Experiment 1. Crustal structure of northeastern Iceland. <i>Journal of Geophysical Research</i> , 1997 , 102, 7849-7866	140
1740	Rift-wide correlation of 1.1 Ga Midcontinent rift system basalts: implications for multiple mantle sources during rift development. 1997 , 34, 504-520	72
1739	Re-Os isotopic compositions of Midcontinent rift system picrites: implications for plume □ lithosphere interaction and enriched mantle sources. 1997 , 34, 489-503	71
1738	Pacific-type orogeny revisited: Miyashiro-type orogeny proposed. 1997 , 6, 91-120	281
1737	The effects of the spinel-garnet phase transition on the formation of rifted sedimentary basins. 1997 , 130, 681-692	18
1736	Timing of the Ethiopian flood basalt event and implications for plume birth and global change. 1997 , 389, 838-841	500
1735	Measuring the pulse of a plume with the sedimentary record. 1997 , 387, 888-891	247
1734	Geochemistry of Quaternary basalts erupted along the east Anatolian and Dead Sea fault zones of southern Turkey: implications for mantle sources. 1997 , 40, 55-68	43
1733	Are Coronae Restricted to Venus?: Corona-Like Tectonovolcanic Structures on Earth. 1997 , 77, 125-137	12
1732	Geochemistry and Sr-isotopic composition of the late cretaceous flood basalt sequence of northern Madagascar: petrogenetic and geodynamic implications. 1997 , 24, 371-390	28

- 1731 Origin of extensional core complexes: Evidence from the Mid-Atlantic Ridge at Atlantis Fracture Zone. *Journal of Geophysical Research*, **1998**, 103, 21315-21333 221
- 1730 THE Re-Os ISOTOPE SYSTEM IN COSMOCHEMISTRY AND HIGH-TEMPERATURE GEOCHEMISTRY. **1998**, 26, 423-500 748
- 1729 Palaeozoic and Proterozoic zircons from the Mid-Atlantic Ridge. **1998**, 393, 676-679 83
- 1728 Evidence from the rare-earth-element record of mantle melting for cooling of the Tertiary Iceland plume. **1998**, 395, 591-594 100
- 1727 Cenozoic magmatism throughout east Africa resulting from impact of a single plume. **1998**, 395, 788-791 610
- 1726 Phase equilibrium constraints on the origin of basalts, picrites, and komatiites. **1998**, 44, 39-79 130
- 1725 Tectonics of the Red Sea region reassessed. **1998**, 45, 1-44 137
- 1724 Dispersion of the Afar plume: Implications from the Spatiotemporal Distribution of the Late Miocene to Recent Volcanics, Southwestern Arabian Peninsula. **1998**, 1, 221-234 11
- 1723 Implications of longeval lava lakes for geomorphological and plutonic processes at Erta 'Ale volcano, Afar. **1998**, 80, 101-111 55
- 1722 The Chon Aike province of Patagonia and related rocks in West Antarctica: A silicic large igneous province. **1998**, 81, 113-136 270
- 1721 The northwestern Ethiopian Plateau flood basalts: Classification and spatial distribution of magma types. **1998**, 81, 91-111 177
- 1720 Major- and trace-element systematics and isotope geochemistry of Cenozoic mafic volcanic rocks from the Vogelsberg (central Germany). **1998**, 86, 151-177 72
- 1719 Corona Associations and Their Implications for Venus. **1998**, 132, 344-361 11
- 1718 The low-velocity plume on the southwestern edge of Yangtze Craton and superlarge ore deposits. **1998**, 41, 47-53
- 1717 Neogene seismic facies and deep-water gateways in the Faeroe Bank area, NE Atlantic. **1998**, 152, 129-140 22
- 1716 Evolution of oceanic crust on the Kolbeinsey Ridge, north of Iceland, over the past 22 Myr. **1998**, 10, 27-31 31
- 1715 Structure of the Jan Mayen microcontinent and implications for its evolution. **1998**, 132, 383-400 74
- 1714 Small-scale crustal variability within an intraplate structure: the Crozet Bank (southern Indian Ocean). **1998**, 134, 145-156 25

1713	The crustal structure of Central East Greenland: results from combined land-sea seismic refraction experiments. 1998 , 135, 63-76	23
1712	Deep crustal reflectors under Reydarfjédur, eastern Iceland: crustal accretion above the Iceland mantle plume. 1998 , 134, 277-290	28
1711	Gravity anomalies, subsidence history and the tectonic evolution of the Malay and Penyu Basins (offshore Peninsular Malaysia). 1998 , 10, 375-392	39
1710	Mantle plumes and their effect on the Earth's surface: a review and synthesis. 1998 , 27, 35-54	7
1709	Ion microprobe U/Pb ages for Neoproterozoic basaltic magmatism in south-central Australia and implications for the breakup of Rodinia. 1998 , 87, 135-159	311
1708	The Late Archaean bonanza: metallogenic and environmental consequences of the interaction between mantle plumes, lithospheric tectonics and global cyclicity. 1998 , 91, 65-90	105
1707	3-D Structure and geodynamic evolution of accreted igneous layer in the Narmada-Tapti region (India). 1998 , 25, 129-141	23
1706	Paleogene igneous underplating and subsidence anomalies in the rockall-Faeroe-Shetland area. 1998 , 15, 223-243	44
1705	When did the Falklands rotate?. 1998 , 15, 723-736	24
1704	Diapirisme et extension intraplaque: cause ou conséquence?. 1998 , 326, 267-273	1
1703	The scales of mantle convection. 1998 , 284, 1-17	69
1702	Deep-imaging seismic and gravity results from the offshore Cameroon Volcanic Line, and speculation of African hotlines. 1998 , 284, 31-63	94
1701	Study of the crystalline crust from a two-ship normal-incidence and wide-angle experiment. 1998 , 286, 79-91	8
1700	Crustal accretion beneath the Koyna coastal region (India) and Late Cretaceous geodynamics. 1998 , 290, 285-297	20
1699	The internal structure of oceanic plateaus: inferences from obducted Cretaceous terranes in western Colombia and the Caribbean. 1998 , 292, 173-188	77
1698	Crustal structure of the northern part of the Vøring Basin, mid-Norway margin, from wide-angle seismic and gravity data. 1998 , 293, 175-205	77
1697	Stability and growth of continental shields in mantle convection models including recurrent melt production. 1998 , 296, 15-29	29
1696	A reappraisal of the coastal Panvel flexure, Deccan Traps, as a listric-fault-controlled reverse drag structure. 1998 , 294, 143-149	40

1695	Crustal structure beneath the Faroe Islands and the Faroe-Iceland Ridge. 1998 , 300, 159-180	79
1694	Gravity modelling of the litho-asthenosphere system in the Central Mediterranean. 1998 , 287, 117-138	28
1693	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. 1998 , 62, 2701-2714	52
1692	Form and extent of the Dufek intrusion, Antarctica, from newly compiled aeromagnetic data. 1998 , 154, 185-202	41
1691	Lithospheric structure across the western Eurasian plate from a wide-angle seismic and gravity study: evidence for a regional thermal anomaly. 1998 , 156, 275-280	11
1690	Mantle plume heads and the initiation of plate tectonic reorganizations. 1998 , 156, 195-207	20
1689	Gravity signature of the western Parana basin, Brazil. 1998 , 159, 117-132	21
1688	Helium isotope composition of the early Iceland mantle plume inferred from the Tertiary picrites of West Greenland. 1998 , 160, 241-255	102
1687	⁴⁰ Ar/ ³⁹ Ar geochronology of the West Greenland Tertiary volcanic province. 1998 , 160, 569-586	155
1686	Origin of the Columbia River basalts: melting model of a heterogeneous plume head. 1998 , 162, 63-80	154
1685	Late Permian to Recent magmatic activity on the African-Arabian margin of Tethys. 1998 , 132, 231-263	37
1684	Mesoscale structures in the transition zone: Dynamical consequences of boundary layer activities. 1998 , 50, 1035-1045	16
1683	Dawn of Phanerozoic orogeny in the North Atlantic tract; Evidence from the Svea-Kalak Superterrane, Scandinavian Caledonides. 1998 , 120, 159-172	43
1682	Eurasian surface wave tomography: Group velocities. <i>Journal of Geophysical Research</i> , 1998 , 103, 4839-4878	322
1681	Volcanic margin formation and Mesozoic rift propagators in the Cuvier Abyssal Plain off Western Australia. <i>Journal of Geophysical Research</i> , 1998 , 103, 27135-27149	59
1680	Propagation of rifting along the Arabia-Somalia Plate Boundary: Into Afar. <i>Journal of Geophysical Research</i> , 1998 , 103, 4947-4974	152
1679	The Hatton Basin and continental margin: Crustal structure from wide-angle seismic and gravity data. <i>Journal of Geophysical Research</i> , 1998 , 103, 12545-12566	54
1678	Thermochemical regime of the early mantle inferred from numerical models of the coupled magmatism-mantle convection system with the solid-solid phase transitions at depths around 660 km. <i>Journal of Geophysical Research</i> , 1998 , 103, 12161-12180	21

1677	Rift propagation, detachment faulting, and associated magmatism in Bransfield Strait, Antarctic Peninsula. <i>Journal of Geophysical Research</i> , 1998 , 103, 24017-24043	68
1676	Introduction to Special Section: Long Lava Flows. <i>Journal of Geophysical Research</i> , 1998 , 103, 27281-27289	37
1675	Birth and decay of an intracontinental magmatic swell: Early Cretaceous tectonics of southern Israel. 1998 , 17, 441-457	16
1674	The Geochemistry of Volcanic Rocks from Pantelleria Island, Sicily Channel: Petrogenesis and Characteristics of the Mantle Source Region. 1998 , 39, 1453-1491	152
1673	Osmium isotopic evidence for ancient subcontinental lithospheric mantle beneath the kerguelen islands, southern indian ocean. 1998 , 280, 418-21	70
1672	Transtension in southeastern Africa associated with Gondwana break-up. 1998 , 135, 203-214	7
1671	Physical signature of basaltic volcanics drilled on the northeast Atlantic volcanic rifted margins. 1998 , 136, 363-374	8
1670	Chemical and Isotopic Composition of Lavas from the Northern Mariana Trough: Implications for Magmagenesis in Back-arc Basins. 1998 , 39, 125-154	238
1669	The documentation of a latest Jurassic-earliest Cretaceous uplift throughout southern England and adjacent offshore areas. 1998 , 133, 215-240	13
1668	The Emeishan flood basalt in SW China: A mantle plume initiation model and its connection with continental breakup and mass extinction at the Permian-Triassic Boundary. 1998 , 47-58	81
1667	Isotope and Trace Element Geochemistry of Cretaceous Damaraland Lamprophyres and Carbonatites, Northwestern Namibia: Evidence for Plume--Lithosphere Interactions. 1998 , 39, 1117-1146	90
1666	The geodynamic significance of the DUPAL anomaly in Asia. 1998 , 89-105	17
1665	The coastal flexure of Disko (West Greenland), onshore expression of the oblique reflectors. 1998 , 155, 463-473	27
1664	The erosional and uplift history of NE Atlantic passive margins: constraints on a passing plume. 1998 , 155, 787-800	55
1663	Mantle plumes and lithosphere motion in East Asia. 1998 , 59-65	13
1662	Constraints on the age of the British Tertiary Volcanic Province from ion microprobe U-Pb (SHRIMP) ages for acid igneous rocks from NE Ireland. 1999 , 156, 291-299	33
1661	Early Tertiary magmatism in the offshore NW UK margin and surrounds. 1999 , 5, 573-584	46
1660	Rifting and the development of the Faeroe-Shetland Basin. 1999 , 5, 533-544	57

1659	The thermal impact of Paleocene magmatic underplating in the Faeroe-Shetland-Rockall region. 1999 , 5, 585-593	18
1658	Constraints on Moho depth and crustal thickness in the Liguro-Provençal basin from a 3D gravity inversion: geodynamic implications. 1999 , 156, 37-61	29
1657	The regional geology and exploration potential of the NE Rockall Basin. 1999 , 5, 379-390	17
1656	Palaeogene magmatism in the Faeroe-Shetland Basin: influences on uplift history and sedimentation. 1999 , 5, 545-558	67
1655	Principal tectonic events in the evolution of the northwest European Atlantic margin. 1999 , 5, 41-61	224
1654	Erosion of lithospheric mantle beneath the East African Rift system: geochemical evidence from the Kivu volcanic province. 1999 , 24, 237-262	51
1653	The Nd-Sr-Pb Isotopic Record in Abyssal Tholeiites from the Gulf of California Region, Western Mexico: No Evidence for a Gulf Mouth Plume. 1999 , 41, 921-931	8
1652	Structural and magmatic segmentation of the Tertiary East Greenland Volcanic Rifted Margin. 1999 , 164, 313-338	19
1651	Gondwana: Its shape, size and position from Cambrian to Triassic times. 1999 , 28, 71-97	44
1650	Ion microprobe baddeleyite and zircon ages for Late Archaean mafic dykes of the Pilbara Craton, Western Australia. 1999 , 46, 493-500	57
1649	Mantle diapir-induced arc volcanism: The Ueno Basalts, Nomugi-Toge and Hida volcanic suites, central Japan. 1999 , 8, 304-322	14
1648	Anisotropy in multi-offset deep-crustal seismic experiments. 1999 , 138, 300-318	14
1647	Magnetostratigraphy of Palaeocene basalts from the Vaigat Formation of West Greenland. 1999 , 137, 774-782	33
1646	Tectonostratigraphical development of the Upper Karoo foreland basin: Orogenic unloading versus thermally-induced Gondwana rifting. 1999 , 28, 215-238	76
1645	Mantle processes during Gondwana break-up and dispersal. 1999 , 28, 239-261	124
1644	Petrology of the Alkaline Core of the Messum Igneous Complex, Namibia: Evidence for the Progressively Decreasing Effect of Crustal Contamination. 1999 , 40, 1377-1397	55
1643	Modification of an oceanic plateau, Aruba, Dutch Caribbean: Implications for the generation of continental crust. 1999 , 46, 43-68	143
1642	Petrology of early Tertiary nephelinites off mid-Norway. Additional evidence for an enriched endmember of the ancestral Iceland plume. 1999 , 46, 317-330	25

1641	ReOs isotope geochemistry of Tertiary picritic and basaltic magmatism of East Greenland: constraints on plume-lithosphere interactions and the genesis of the Platinova reef, Skaergaard intrusion. 1999 , 47, 107-126	41
1640	Erosion of lithospheric mantle beneath the East African Rift system: geochemical evidence from the Kivu volcanic province. 1999 , 48, 237-262	314
1639	The planet beyond the plume hypothesis. 1999 , 48, 135-182	61
1638	A diamond trilogy: superplumes, supercontinents, and supernovae. 1999 , 285, 851-60	144
1637	A Lower Mantle Source for Central European Volcanism. 1999 , 286, 1928-1931	198
1636	The deep crustal accretion beneath the Laxmi Ridge in the northeastern Arabian Sea: the plume model again. 1999 , 27, 609-622	26
1635	Structure of the Cretaceous Kerguelen Volcanic Province (southern Indian Ocean) from wide-angle seismic data.. 1999 , 28, 51-71	35
1634	The geoid in southeastern Brazil and adjacent regions: new constraints on density distribution and thermal state of the lithosphere. 1999 , 28, 357-374	16
1633	Mantle source compositions of the ParanMagmatic Province (southern Brazil): evidence from trace element and SrNdPb isotope geochemistry. 1999 , 28, 439-458	87
1632	The Argentine continental margin north of 48°S: sedimentary successions, volcanic activity during breakup. 1999 , 16, 1-25	113
1631	Role of continental break-up, mantle plume development and fault reactivation in the evolution of the Gamtoos Basin, South Africa. 1999 , 16, 409-429	16
1630	Crustal contamination in Palaeogene East Greenland flood basalts: plumbing system evolution during continental rifting. 1999 , 157, 89-118	66
1629	Mantle flow, melting, and dehydration of the Iceland mantle plume. 1999 , 165, 81-96	164
1628	On causal links between flood basalts and continental breakup. 1999 , 166, 177-195	564
1627	Tomographic evidence for a narrow whole mantle plume below Iceland. 1999 , 166, 121-126	259
1626	Pulsed inflation of pahoehoe lava flows: implications for flood basalt emplacement. 1999 , 168, 7-18	64
1625	Age of the Deccan traps using 187Re-187Os systematics. 1999 , 170, 197-204	114
1624	Estimation of effective elastic thickness from gravity and topography data under the Deccan Volcanic Province, India. 1999 , 171, 289-299	22

1623	The breakup of Rodinia: did it start with a mantle plume beneath South China?. 1999 , 173, 171-181	655
1622	Transect across the West Antarctic rift system in the Ross Sea, Antarctica. 1999 , 301, 61-74	63
1621	⁴⁰ Ar/ ³⁹ Ar and K/Ar geochronology of the dykes from the south Indian granulite terrain. 1999 , 304, 109-129	69
1620	Continental interiors and cratons: any relation?. 1999 , 305, 1-42	32
1619	Crustal structure, volcanism, and opening mode of the Ulleung Basin, East Sea (Sea of Japan). 1999 , 308, 503-525	50
1618	Flood basalts and large igneous provinces from deep mantle plumes: fact, fiction, and fallacy. 1999 , 311, 1-29	72
1617	Ultrafast mantle plumes and implications for flood basalt volcanism in the Northern Atlantic Region. 1999 , 311, 31-43	48
1616	Evolution of oceanic upper mantle structure. 1999 , 114, 71-80	22
1615	Isotopic and trace element signatures of Ethiopian flood basalts: evidence for plume-lithosphere interactions. 1999 , 63, 2263-2279	224
1614	The chemistry of lava-seawater interactions: the generation of acidity. 1999 , 63, 2183-2198	17
1613	A low seismic wavespeed anomaly beneath northwestern India: a seismic signature of the Deccan plume?. 1999 , 165, 145-155	131
1612	Perturbation to the lithosphere along the hotspot track of La Réunion from an offshore-onshore seismic transect. <i>Journal of Geophysical Research</i> , 1999 , 104, 2895-2908	72
1611	Small-scale convection and divergent plate boundaries. <i>Journal of Geophysical Research</i> , 1999 , 104, 7389-7403	86
1610	Plume-related mafic volcanism and the deposition of banded iron formation. <i>Journal of Geophysical Research</i> , 1999 , 104, 15461-15477	292
1609	Structure and evolution of the continental crust of northern east Greenland from integrated geophysical studies. <i>Journal of Geophysical Research</i> , 1999 , 104, 15227-15245	58
1608	Crust generated above the Iceland mantle plume: From continental rift to oceanic spreading center. <i>Journal of Geophysical Research</i> , 1999 , 104, 22885-22902	76
1607	Thermal and mechanical aspects of magma emplacement in giant dike swarms. <i>Journal of Geophysical Research</i> , 1999 , 104, 23033-23049	88
1606	Flexural unloading and uplift along the Cote d'Ivoire-Ghana Transform Margin, equatorial Atlantic. <i>Journal of Geophysical Research</i> , 1999 , 104, 25257-25274	25

1605	Petrogenesis and Stratigraphy of the High-Ti/Y Urubici Magma Type in the Paraná Flood Basalt Province and Implications for the Nature of the Dupal-Type Mantle in the South Atlantic Region. 1999 , 40, 451-473	124
1604	The lithosphere under stress. 1999 , 357, 901-915	17
1603	Faeroes Large Aperture Research Experiment (FLARE): imaging through basalt. 1999 , 5, 1243-1252	20
1602	Reevaluation of Plate Motion Models Based on Hotspot Tracks in the Atlantic and Indian Oceans. 1999 , 107, 13-26	64
1601	Mantle plumes and Antarctica-New Zealand rifting: evidence from mid-Cretaceous mafic dykes. 1999 , 156, 659-671	127
1600	The 2- and 3-D modelling of EM induction and current channelling in the Saurashtra and adjoining regions. 1998 , 412-424	
1599	Alkaline basaltic volcanism in the Tertiary of central East Greenland—the Trekantnunatakker. 1999 , 90, 165-172	1
1598	Style, timing and distribution of tectonic deformation across the Exmouth Plateau, northwest Australia, determined from stratal architecture and quantitative basin modelling. 1999 , 164, 271-311	26
1597	Evidence for a volcanic rifted margin and oceanic crustal structure for the Falkland Plateau Basin. 1999 , 156, 889-900	25
1596	Global Hotspot Reference Frames and Plate Motion. 2000 , 339-357	25
1595	Orientation of absolute African plate motion revealed by tomographic analysis of the Ethiopian dome. 2000 , 28, 1147	13
1594	Sm-Nd Geochemistry and U-Pb Geochronology of the Mont Rigaud Stock, Quebec, Canada: A Late Magmatic Event Associated with the Formation of the Iapetus Rift. 2000 , 108, 569-583	6
1593	A Complex History for the Caribbean Plateau: Petrology, Geochemistry, and Geochronology of the Beata Ridge, South Hispaniola. 2000 , 108, 641-661	65
1592	Spatio-temporal patterns of environmental changes in Late Cretaceous sequences of Central India. 2000 , 225-241	9
1591	Inferences regarding initiation of oceanic crust formation from the U.S. East Coast margin and conjugate South Atlantic margins. 2000 , 211-233	40
1590	Mantle plume uplift in the sedimentary record: origin of kilometre-deep canyons within late Neoproterozoic successions, South Australia. 2000 , 157, 759-768	32
1589	Atlantic volcanic margins: a comparative study. 2000 , 167, 411-428	25
1588	An anomalous high-velocity layer at shallow crustal depths in the Narmada zone, India. 2000 , 142, 95-107	21

1587	Extension across the Indian-Arabian plate boundary: the Murray Ridge. 2000 , 142, 461-477	57
1586	Basement framework and geodynamic evolution of the Palaeoproterozoic superbasins of north-central Australia: An integrated review of geochemical, geochronological and geophysical data. 2000 , 47, 341-380	115
1585	SHRIMP zircon age for an Early Cambrian dolerite dyke: An intrusive phase of the Antrim Plateau Volcanics of northern Australia. 2000 , 47, 1029-1040	58
1584	Geochemistry. Hot heads and cold tails. 2000 , 407, 458-9, 461	16
1583	Evidence from episodic seamount volcanism for pulsing of the Iceland plume in the past 70 Myr. 2000 , 408, 954-8	49
1582	Petrogenetic evolution of late Cenozoic, post-collision volcanism in western Anatolia, Turkey. 2000 , 102, 67-95	688
1581	Red Sea extension influenced by Pan-African tectonic grain in eastern Eritrea. 2000 , 22, 931-946	35
1580	Tertiary alkaline volcanics in the Nunatak Region, Northeast Greenland: new observations and comparison with Siberian maymechites. 2000 , 53, 1-20	19
1579	Composition and age of tertiary sills and dykes, Jameson Land Basin, East Greenland: relation to regional flood volcanism. 2000 , 54, 207-233	24
1578	Volatile Components, Magmas, and Critical Fluids in Upwelling Mantle. 2000 , 41, 1195-1206	120
1577	Middle Jurassic ultramafic lamprophyre dyke within the Ferrar magmatic province, Pensacola Mountains, Antarctica. 2000 , 64, 95-111	13
1576	Review of geochemical variation in Lower Palaeozoic metabasites from the NE Bohemian Massif: intracratonic rifting and plume-ridge interaction. 2000 , 179, 155-174	39
1575	Flood Basalts, Basalt Floods or Topless Bushvelds? Lunar Petrogenesis Revisited. 2000 , 41, 1545-1651	27
1574	A Post K ₁ Boundary (Early Palaeocene) Age for Deccan-type Feeder Dykes, Goa, India. 2000 , 41, 1177-1194	106
1573	Mantle Sources and Melting Dynamics in the British Palaeogene Igneous Province. 2000 , 41, 1023-1040	26
1572	Rift deflection, migration, and propagation: Linkage of the Ethiopian and Eastern rifts, Africa. 2000 , 112, 163-176	168
1571	Flood Basalts of Vestfjella: Jurassic Magmatism Across an Archaean-Proterozoic Lithospheric Boundary in Dronning Maud Land, Antarctica. 2000 , 41, 1271-1305	88
1570	New evidence for geologically instantaneous emplacement of earliest Jurassic Central Atlantic magmatic province basalts on the North American margin. 2000 , 28, 859	141

1569	Major Element Records of Variable Plume Involvement in the North Atlantic Province Tertiary Flood Basalts. 2000 , 41, 1155-1176	16
1568	Processes in High-Mg, High-T Magmas: Evidence from Olivine, Chromite and Glass in Palaeogene Picrites from West Greenland. 2000 , 41, 1071-1098	121
1567	Os Isotopes and the Origin of the Tasmanian Dolerites. 2000 , 41, 905-918	39
1566	Palaeogene Continental to Oceanic Magmatism on the SE Greenland Continental Margin at 63°N: a Review of the Results of Ocean Drilling Program Legs 152 and 163. 2000 , 41, 951-966	35
1565	Proterozoic crustal evolution in the NW Himalaya (India) as recorded by circa 1.80 Ga mafic and 1.84 Ga granitic magmatism. 2000 , 103, 191-206	123
1564	Thermal regime, hydrocarbon maturation and geodynamic events along the western margin of India since late Cretaceous. 2000 , 30, 439-459	20
1563	Role of subaerial volcanic rocks and mantle plumes in creation of South Atlantic margins: implications for salt tectonics and source rocks. 2000 , 17, 477-498	140
1562	Paleogene tuffaceous intervals, Grane Field (Block 25/11), Norwegian North Sea: their depositional, petrographical, geochemical character and regional implications. 2000 , 17, 101-118	29
1561	Denudation and uplift history of the Jameson Land basin, East Greenland—constrained from maturity and apatite fission track data. 2000 , 24, 275-301	33
1560	Hot spot activity and the break-up of Pangea. 2000 , 161, 49-69	48
1559	Rayleigh-wave tomography of the Ontong-Java Plateau. 2000 , 118, 29-51	81
1558	Palaeointensity of West Greenland Palaeocene basalts: asymmetric intensity around the C27n-C26r transition. 2000 , 118, 53-64	30
1557	Geochemistry of Late Cenozoic basalts from the Crary Mountains: characterization of mantle sources in Marie Byrd Land, Antarctica. 2000 , 165, 215-241	75
1556	Plumes, orogenesis, and supercontinental fragmentation. 2000 , 178, 1-11	150
1555	The relative timing of serpentinisation and mantle exhumation at the ocean-continent transition, Iberia: constraints from oxygen isotopes. 2000 , 178, 327-338	56
1554	Tectonic controls on magmatism associated with continental break-up: an example from the Paraná-etendeka Province. 2000 , 179, 335-349	63
1553	Major element heterogeneity in the mantle source of the North Atlantic igneous province. 2000 , 184, 251-268	112
1552	⁴⁰ Ar/ ³⁹ Ar geochronology of flood basalts from the Kerguelen Archipelago, southern Indian Ocean: implications for Cenozoic eruption rates of the Kerguelen plume. 2000 , 174, 313-328	57

1551	Continental flood basalts: episodic magmatism above long-lived hotspots. 2000 , 175, 247-256	21
1550	Synchronous magmatic cycles during the fragmentation of Gondwana: radiometric ages from the Levant and other provinces. 2000 , 325, 257-277	50
1549	Non-plume magmatism and rifting during the opening of the central Atlantic Ocean. 2000 , 316, 287-296	184
1548	The thermal state of the upper mantle; No role for mantle plumes. 2000 , 27, 3623-3626	194
1547	Lithospheric assembly and modification of the SE Canadian Shield: Abitibi-Grenville teleseismic experiment. <i>Journal of Geophysical Research</i> , 2000 , 105, 13735-13754	69
1546	Interaction of rifting and hot horizontal plume sheets at volcanic margins. <i>Journal of Geophysical Research</i> , 2000 , 105, 13375-13387	25
1545	Crustal structure of the southeast Greenland margin from joint refraction and reflection seismic tomography. <i>Journal of Geophysical Research</i> , 2000 , 105, 21591-21614	348
1544	High-velocity breakup-related sills in the Vøring Basin, off Norway. <i>Journal of Geophysical Research</i> , 2000 , 105, 28443-28454	68
1543	Deep structure of the Namibia continental margin as derived from integrated geophysical studies. <i>Journal of Geophysical Research</i> , 2000 , 105, 25829-25853	168
1542	Crustal structure of the Southwest Indian Ridge at the Atlantis II Fracture Zone. <i>Journal of Geophysical Research</i> , 2000 , 105, 25809-25828	65
1541	Segmentation in gravity and magnetic anomalies along the U.S. East Coast passive margin: Implications for incipient structure of the oceanic lithosphere. <i>Journal of Geophysical Research</i> , 2000 , 105, 25769-25790	46
1540	Tectonic evolution of the equatorial South Atlantic. 2000 , 331-354	46
1539	The oceanic segment of the southern Brazilian margin: Morpho-structural domains and their tectonic significance. 2000 , 235-259	15
1538	Mantle Plumes and Superplumes; Continental Breakups, Supercontinent Cycles and Ore Deposits. 2000 , 59-110	1
1537	Oceanic Islands, Large Igneous Provinces, Mafic Dyke Swarms, and Intracontinental Alkaline Magmatism. 2000 , 111-214	
1536	Direct Links: Magmatic Ore Deposits [Fundamental Features and Concepts. 2000 , 323-386	
1535	Intracontinental Magmatism, Anorogenic Metamorphism, Ore Systems and Mantle Plumes. 2000 , 291-321	
1534	LIP Reading: Recognizing Oceanic Plateaux in the Geological Record. 2000 , 41, 1041-1056	107

1533	Ultramafic Xenoliths from Kutch, Northwest India: Plume-Related Mantle Samples?. 2000 , 42, 416-444	34
1532	Weddell triple junction: The principal focus of Ferrar and Karoo magmatism during initial breakup of Gondwana. 2000 , 28, 539	97
1531	Phanerozoic Geodynamic Evolution of the Circum-Italian Realm. 2000 , 42, 724-757	18
1530	NE Atlantic continental rifting and volcanic margin formation. 2000 , 167, 295-326	103
1529	Seismic reflectivity and magmatic underplating beneath the Kenya Rift. 2000 , 27, 2745-2748	60
1528	Seismic volcanostratigraphy of large-volume basaltic extrusive complexes on rifted margins. <i>Journal of Geophysical Research</i> , 2000 , 105, 19335-19351	276
1527	Deep structure of the ocean-continent transition in the southern Iberia Abyssal Plain from seismic refraction profiles: The IAM-9 transect at 40°20'N. <i>Journal of Geophysical Research</i> , 2000 , 105, 5859-5885	258
1526	Conditions for plumes to penetrate the mantle phase boundaries. <i>Journal of Geophysical Research</i> , 2000 , 105, 5679-5693	14
1525	Ground deformation near Gada Ale Volcano, Afar, observed by radar interferometry. 2000 , 27, 3093-3096	34
1524	Melt intrusion as a trigger for lithospheric foundering and the eruption of the Siberian flood basalts. 2000 , 27, 3937-3940	101
1523	Large Igneous Provinces and Plate Tectonics. 2000 , 309-326	58
1522	From collision to extension: The roots of the southeastern continental margin of Brazil. 2000 , 1-32	35
1521	Emplacement of the Nain anorthosite: diapiric versus conduit ascent. 2000 , 37, 1195-1207	12
1520	Kerguelen Plateau crustal structure and basin formation from seismic and gravity data. <i>Journal of Geophysical Research</i> , 2001 , 106, 16583-16601	17
1519	Southeast Baffin volcanic margin and the North American-Greenland plate separation. 2001 , 20, 566-584	49
1518	Géochimie et signification géotectonique des volcanites du Cryogénien inférieur du Saghro (Anti-Atlas oriental, Maroc) / Geochemistry and geotectonic significance of Early Cryogenian volcanics of Saghro (Eastern Anti-Atlas, Morocco). 2001 , 14, 373-385	3
1517	Melt generation at volcanic continental margins: No need for a mantle plume?. 2001 , 28, 3995-3998	80
1516	Crustal structure of the outer Vøring Plateau, offshore Norway, from ocean bottom seismic and gravity data. <i>Journal of Geophysical Research</i> , 2001 , 106, 6769-6791	71

1515	Gravity anomalies and crustal structure at the southeast Greenland margin. <i>Journal of Geophysical Research</i> , 2001 , 106, 8853-8870	53
1514	Transition from passive to active rifting: Relative importance of asthenospheric doming and passive extension of the lithosphere. <i>Journal of Geophysical Research</i> , 2001 , 106, 11271-11291	131
1513	Development of volcanic passive margins: Two-dimensional laboratory models. 2001 , 20, 148-159	32
1512	Density inhomogeneities beneath Deccan Volcanic Province, India as derived from gravity data. 2001 , 31, 1-17	53
1511	Two contrasting magmatic associations of NW Anatolia and their tectonic significance. 2001 , 31, 243-271	135
1510	The structure of volcanic margins: some problematics from the North-Atlantic/ Labrador-Baffin system. 2001 , 18, 463-469	32
1509	Cyclic continental mafic tuff and flood basalt volcanism in the Late Archaean Nullagine and Mount Joze Supersequences in the eastern Pilbara, Western Australia. 2001 , 107, 139-177	53
1508	Geochemical and Pb-Sr-Nd isotopic evidence for separate hot depleted and Iceland plume mantle sources for the Paleogene basalts of the Faroe Islands. 2001 , 178, 95-125	29
1507	The water content of olivines from the North Atlantic Volcanic Province. 2001 , 186, 401-415	77
1506	Mantle thermal structure and active upwelling during continental breakup in the North Atlantic. 2001 , 190, 251-266	195
1505	Geochemistry of the oldest Atlantic oceanic crust suggests mantle plume involvement in the early history of the central Atlantic Ocean. 2001 , 192, 291-302	50
1504	Seismic structure and origin of hotspots and mantle plumes. 2001 , 192, 251-265	285
1503	$^{40}\text{Ar}/^{39}\text{Ar}$ age of the St. Mary's Islands volcanics, southern India: record of India-Madagascar break-up on the Indian subcontinent. 2001 , 193, 39-46	64
1502	A review of the broad pattern of Jurassic sea-level changes and their possible causes in the light of current knowledge. 2001 , 167, 23-37	293
1501	The Jameson Land basin (east Greenland): a fission track study of the tectonic and thermal evolution in the Cenozoic North Atlantic spreading regime. 2001 , 331, 307-339	18
1500	Magma flow directions of shallow dykes from the East Greenland volcanic margin inferred from magnetic fabric studies. 2001 , 335, 313-329	102
1499	A crustal structure profile across the northern continental margin of the South China Sea. 2001 , 338, 1-21	235
1498	Igneous Provinces. 2001 , 218-225	1

1497	Integrated wide-angle and near-vertical subbasalt study using large-aperture seismic data from the Faeroe-Shetland region. 2001 , 66, 1340-1348	31
1496	Protracted felsic magmatic activity associated with the opening of the South Atlantic. 2001 , 158, 583-592	33
1495	Enriched component of the proto-Icelandic mantle plume revealed in alkaline Tertiary lavas from East Greenland. 2001 , 29, 859	7
1494	Igneous Provinces. 2001 , 1290-1298	
1493	Seismically constrained two-dimensional crustal thermal structure of the Cambay basin. 2001 , 110, 1-8	8
1492	On the origin of Tasmanian dolerites. 2001 , 48, 543-549	33
1491	Upper mantle seismic anisotropy beneath Antarctica and the Scotia Sea region. 2001 , 147, 105-122	26
1490	The crustal role of the Agulhas Plateau, southwest Indian Ocean: evidence from seismic profiling. 2001 , 144, 632-646	45
1489	Effects of vertical boundaries on infinite Prandtl number thermal convection. 2001 , 147, 639-659	16
1488	Crustal architecture and deep structure of the Ninetyeast Ridge hotspot trail from active-source ocean bottom seismology. 2001 , 144, 414-431	78
1487	Crustal and upper mantle seismic structure and lithospheric flexure along the Society Island hotspot chain. 2001 , 147, 123-140	26
1486	Giant Dike Swarms: Earth, Venus, and Mars. 2001 , 29, 489-534	217
1485	Large igneous provinces and mass extinctions. 2001 , 53, 1-33	836
1484	Geochemistry and Petrogenesis of the Proterozoic Bandal Mafic Rocks, Himachal Pradesh, NW Himalaya. 2001 , 4, 509-518	4
1483	Primordial helium isotope signature from Plio-Quaternary alkaline basalts in Yemen. 2001 , 10, 145-157	9
1482	Geology. Interactions between ridges and plumes. 2001 , 294, 1472-3	22
1481	Geodynamic models of continental extension and the formation of non-volcanic rifted continental margins. 2001 , 187, 511-536	13
1480	Emeishan Basalts, SW China: reappraisal of the formation type area stratigraphy and a discussion of its significance as a large igneous province. 2001 , 158, 593-599	54

1479	Anomalous melt production after continental break-up in the southern Iberia Abyssal Plain. 2001 , 187, 537-550	24
1478	Seismic volcanostratigraphy of the Norwegian Margin: constraints on tectonomagmatic break-up processes. 2001 , 158, 413-426	102
1477	Origins of Large Volume Rhyolitic Volcanism in the Antarctic Peninsula and Patagonia by Crustal Melting. 2001 , 42, 1043-1065	207
1476	Seismic structure of basalt flows from surface seismic data, borehole measurements, and synthetic seismogram modeling. 2001 , 66, 1925-1936	18
1475	Cenozoic and Cretaceous transient uplift in the Porcupine Basin and its relationship to a mantle plume. 2001 , 188, 345-360	38
1474	Sub-basalt imaging using converted waves: numerical modelling. 2001 , 188, 223-235	
1473	Petrology of Rifted-Margin Sand (Red Sea and Gulf of Aden, Yemen). 2001 , 109, 277-297	55
1472	Plume-Associated Ultramafic Magmas of Phanerozoic Age. 2002 , 43, 1857-1883	362
1471	Ridge-plume interaction in the North Atlantic and its influence on continental breakup and seafloor spreading. 2002 , 197, 15-37	45
1470	Volcanic stratigraphy of the southern Prinsen af Wales Bjerger region, East Greenland. 2002 , 197, 183-218	9
1469	Emeishan Basalts (SW China) and the End-Guadalupian Crisis: magnetobiostratigraphic constraints. 2002 , 159, 21-29	114
1468	The rise and fall of the Faroe-Shetland Basin: evidence from seismic mapping of the Balder Formation. 2002 , 159, 627-630	47
1467	Cenozoic evolution of the Faroe Platform: comparing denudation and deposition. 2002 , 196, 291-311	16
1466	Continental margin off Norway 62°5'N: Palaeogene tectono-magmatic segmentation and sedimentation. 2002 , 197, 39-68	23
1465	Prediction of the hydrocarbon system in exhumed basins, and application to the NW European margin. 2002 , 196, 401-429	27
1464	Sonic velocity analysis of the Tertiary denudation of the Irish Sea basin. 2002 , 196, 355-370	13
1463	References. 2002 , 25, 297-319	
1462	Large-scale fractures related to inception of the Yellowstone hotspot. 2002 , 30, 647	48

1461	Seismic Images of Hotspots and Mantle Plumes. 2002 , 349-364	0
1460	The break-up of continents and the formation of new ocean basins. 2002 , 360, 2839-52	7
1459	Mantle Source Characteristics of Alkali Basalts and Basanites in an Extensional Intracontinental Plate Setting, Western Anatolia, Turkey: Implications for Multi-stage Melting. 2002 , 44, 440-457	61
1458	Development of volcanic passive margins: Three-dimensional laboratory models. 2002 , 21, 2-1-2-13	41
1457	A mantle melting profile across the Basin and Range, SW USA. <i>Journal of Geophysical Research</i> , 2002 , 107, ECV 5-1-ECV 5-21	185
1456	Paleomagnetism of the early Triassic Semeitau igneous series, eastern Kazakstan. <i>Journal of Geophysical Research</i> , 2002 , 107, EPM 4-1-EPM 4-15	26
1455	Methods for resolving the origin of large igneous provinces from crustal seismology. <i>Journal of Geophysical Research</i> , 2002 , 107, ECV 1-1-ECV 1-27	99
1454	Plume channeling as one possible mechanism for the origin of multiple coronae on Venus: A case study from the Helen Planitia Quadrangle (V52). <i>Journal of Geophysical Research</i> , 2002 , 107, 26-1-26-12	2
1453	Back arc extension, tectonic inheritance, and volcanism in the Ligurian Sea, Western Mediterranean. 2002 , 21, 6-1-6-23	100
1452	Formation of volcanic rifted margins: Are temperature anomalies required?. 2002 , 29, 18-1	27
1451	Chemostratigraphy of the Neoproterozoic Alona Bay lavas, Ontario. 2002 , 39, 1127-1142	3
1450	Source, genesis, and timing of giant ignimbrite deposits associated with Ethiopian continental flood basalts. 2002 , 66, 1429-1448	119
1449	A temporal link between the Emeishan large igneous province (SW China) and the end-Guadalupian mass extinction. 2002 , 196, 113-122	457
1448	Deep structure and mechanical behavior of the lithosphere in the Hangai-Hsg region, Mongolia: new constraints from gravity modeling. 2002 , 197, 133-149	59
1447	Contrasting rifted margin styles south of Greenland: implications for mantle plume dynamics. 2002 , 200, 271-286	49
1446	New rates of western Pacific island arc magmatism from seismic and gravity data. 2002 , 202, 105-115	106
1445	⁴⁰ Ar/ ³⁹ Ar geochronology and structural data from the giant Okavango and related mafic dyke swarms, Karoo igneous province, northern Botswana. 2002 , 202, 595-606	72
1444	Contamination and melt aggregation processes in continental flood basalts: constraints from melt inclusions in Oligocene basalts from Yemen. 2002 , 202, 577-594	61

1443	Impact induced melting and the development of large igneous provinces. 2002 , 202, 551-561	100
1442	Cretaceous volcanic rocks of the South Tethyan suture zone, Pakistan: implications for the RUnion hotspot and Deccan Traps. 2002 , 203, 295-310	111
1441	The evolution of the East Greenland margin as revealed from fission-track studies. 2002 , 349, 93-111	12
1440	Crustal structure of the southern part of the Vøring Basin, mid-Norway margin, from wide-angle seismic and gravity data. 2002 , 355, 99-126	61
1439	Magma flow inferred from AMS fabrics in a layered mafic sill, Insizwa, South Africa. 2002 , 354, 1-23	50
1438	Geochemistry of atmospheric aerosols generated from lava-seawater interactions. 2002 , 29, 49-1-49-4	19
1437	Subcratonic low-velocity layer and flood basalts. 2002 , 29, 8-1	51
1436	Is small scale convection responsible for the formation of thick igneous crust along volcanic passive margins?. 2002 , 29, 3-1-3-4	6
1435	Effect of mobility of continents on the long wavelength potential field characteristics and paleoreconstructions. 2002 , 33, 235-247	1
1434	The biogeochemical consequences of the mid-Cretaceous superplume. 2002 , 34, 177-191	46
1433	Late Archaean superplume events: a Kaapvaal/Bilbara perspective. 2002 , 34, 207-247	56
1432	The intensity, occurrence, and duration of superplume events and eras over geological time. 2002 , 34, 265-307	103
1431	Maximum size and distribution in time and space of mantle plumes: evidence from large igneous provinces. 2002 , 34, 309-342	109
1430	The French Guyana doleritic dykes: geochemical evidence of three populations and new data for the Jurassic Central Atlantic Magmatic Province. 2002 , 34, 595-614	29
1429	Thermal and tectonic evolution of the Falkland Islands: implications for hydrocarbon exploration in the adjacent offshore region. 2002 , 19, 95-116	12
1428	Spatial and temporal variations in the geochemistry of komatiites and komatiitic basalts in the Abitibi greenstone belt. 2002 , 115, 153-186	133
1427	Griffin gabbro sills (2.11 Ga), Hurwitz Basin, Nunavut, Canada: long-distance lateral transport of magmas in western Churchill Province crust. 2002 , 117, 269-294	23
1426	The stratigraphy, environment of eruption and age of the Faroes Lava Group, NE Atlantic Ocean. 2002 , 197, 253-269	26

1425	The properties, morphology and distribution of igneous sills: modelling, borehole data and 3D seismic from the Faroe-Shetland area. 2002 , 197, 271-306	75
1424	Paran-Magmatic Province-Tristan da Cunha plume system: fixed versus mobile plume, petrogenetic considerations and alternative heat sources. 2002 , 118, 15-36	75
1423	An admittance study of the Reykjanes Ridge and elevated plateaux between the Charlie-Gibbs and Senja fracture zones. 2002 , 148, 65-76	10
1422	Nature of the crust-mantle transition zone and the thermal state of the upper mantle beneath Iceland from gravity modelling. 2002 , 149, 281-299	74
1421	On the state of sublithospheric upper mantle beneath a supercontinent. 2002 , 149, 179-189	29
1420	Evolution of the Australian lithosphere. 2002 , 49, 661-695	237
1419	RECOGNIZING MANTLE PLUMES IN THE GEOLOGICAL RECORD. 2003 , 31, 469-523	239
1418	The Indian Ocean Nodule Field: petrotectonic evolution and ferromanganese deposits. 2003 , 60, 67-130	35
1417	Source mantle heterogeneity and its role in the genesis of Late Archaean-Proterozoic (2.7-1.0 Ga) and Mesozoic (200 and 130 Ma) tholeiitic magmatism in the South American Platform. 2003 , 62, 365-397	33
1416	Analogue modelling of continental extension: a review focused on the relations between the patterns of deformation and the presence of magma. 2003 , 63, 169-247	248
1415	Pb isotope evidence for contributions from different Iceland mantle components to Palaeogene East Greenland flood basalts. 2003 , 67, 39-52	23
1414	Depth imaging of basalt flows in the Faeroe-Shetland Basin. 2003 , 152, 353-371	27
1413	Crustal structure of northwestern Svalbard and the adjacent Yermak Plateau: evidence for Oligocene detachment tectonics and non-volcanic breakup. 2003 , 152, 139-159	50
1412	Crustal structure across the Canadian High Arctic region from teleseismic receiver function analysis. 2003 , 152, 372-391	38
1411	Magmatism at the west Iberia non-volcanic rifted continental margin: evidence from analyses of magnetic anomalies. 2003 , 154, 706-730	97
1410	Transition zone structure in a tectonically inactive area: 410 and 660 km discontinuity properties under the northern North Sea. 2003 , 155, 193-199	20
1409	Imaging and regional distribution of basalt flows in the Faeroe-Shetland Basin. 2003 , 51, 215-231	59
1408	Mantle plumes: heat-flow near Iceland. 2003 , 44, 1.08-1.10	15

1407	Understanding the thermal evolution of deep-water continental margins. 2003 , 426, 334-43	49
1406	Oceanic Plateaus. 2003 , 537-565	41
1405	Early stages of Gondwana breakup: The ⁴⁰ Ar/ ³⁹ Ar geochronology of Jurassic basaltic rocks from western Dronning Maud Land, Antarctica, and implications for the timing of magmatic and hydrothermal events. <i>Journal of Geophysical Research</i> , 2003 , 108,	33
1404	New age constraints on the timing of volcanism in central Afar, in the presence of propagating rifts. <i>Journal of Geophysical Research</i> , 2003 , 108,	60
1403	Relationship between seismic P-wave velocity and the composition of anhydrous igneous and meta-igneous rocks. 2003 , 4, n/a-n/a	92
1402	Super-deep low-velocity layer beneath the Arabian plate. 2003 , 30,	35
1401	Timing and geometry of early Gondwana breakup. <i>Journal of Geophysical Research</i> , 2003 , 108,	197
1400	Three-dimensional crustal structure of the Vøring Margin (NE Atlantic): A combined seismic and gravity image. <i>Journal of Geophysical Research</i> , 2003 , 108,	14
1399	Structure of the SE Greenland margin from seismic reflection and refraction data: Implications for nascent spreading center subsidence and asymmetric crustal accretion during North Atlantic opening. <i>Journal of Geophysical Research</i> , 2003 , 108,	129
1398	Phase relation and mineral chemistry in pyrolite to 2200°C under the lower mantle pressures and implications for dynamics of mantle plumes. <i>Journal of Geophysical Research</i> , 2003 , 108,	41
1397	Novae on Venus: Geology, classification, and evolution. <i>Journal of Geophysical Research</i> , 2003 , 108,	37
1396	Observational and theoretical studies of the dynamics of mantle plume–mid-ocean ridge interaction. 2003 , 41,	112
1395	Layering in the wall rock of Valles Marineris: intrusive and extrusive magmatism. 2003 , 30,	28
1394	Seismic structure of Cocos and Malpelo Volcanic Ridges and implications for hot spot-ridge interaction. <i>Journal of Geophysical Research</i> , 2003 , 108,	83
1393	Extension, crustal structure and magmatism at the outer Vøring Basin, Norwegian margin. 2003 , 160, 197-208	91
1392	Platinum-group elements in the Icelandic rift system: melting processes and mantle sources beneath Iceland. 2003 , 196, 209-234	47
1391	Numerical modelling of a mantle plume: the plume head–lithosphere interaction in the formation of an oceanic large igneous province. 2003 , 206, 379-396	67
1390	Depth to Moho in Greenland: receiver-function analysis suggests two Proterozoic blocks in Greenland. 2003 , 205, 379-393	90

1389	Comparative K _{Ar} and Ar/Ar dating of Ethiopian and Yemenite Oligocene volcanism: implications for timing and duration of the Ethiopian traps. 2003 , 206, 477-492	117
1388	Correlation of Indian Ocean tephra to individual Oligocene silicic eruptions from Afro-Arabian flood volcanism. 2003 , 211, 311-327	49
1387	Sedimentary evidence for a rapid, kilometer-scale crustal doming prior to the eruption of the Emeishan flood basalts. 2003 , 213, 391-405	327
1386	Crustal thickness constraints on the geodynamic evolution of the Galapagos Volcanic Province. 2003 , 214, 545-559	63
1385	High-rate flexure of the East Greenland volcanic margin: constraints from 40Ar/39Ar dating of basaltic dykes. 2003 , 214, 515-528	30
1384	Stability of the Upper Nile drainage network (Ethiopia) deduced from (U/Th)/He thermochronometry: implications for uplift and erosion of the Afar plume dome. 2003 , 215, 73-88	182
1383	Shape and size of the starting Iceland plume swell. 2003 , 216, 271-282	32
1382	Crustal structure of the continental margin of Korea in the East Sea (Japan Sea) from deep seismic sounding data: evidence for rifting affected by the hotter than normal mantle. 2003 , 364, 25-42	48
1381	V _p /V _s ratio along the Vøring Margin, NE Atlantic, derived from OBS data: implications on lithology and stress field. 2003 , 369, 175-197	36
1380	Crustal lineaments, distribution of lower crustal intrusives and structural evolution of the Vøring Margin, NE Atlantic; new insight from wide-angle seismic models. 2003 , 369, 199-218	53
1379	Spatial relationship between recent compressional structures and older high-velocity crustal structures; examples from the Vøring Margin, NE Atlantic, and Northern Honshu, Japan. 2003 , 36, 537-562	12
1378	Phanerozoic paleogeography, paleoenvironment and lithofacies maps of the circum-Atlantic margins. 2003 , 20, 249-285	71
1377	Heat-flux budget in the southeastern continental margin of the Tyrrhenian basin. 2003 , 28, 407-420	15
1376	Geochemistry and petrogenesis of Early Cretaceous alkaline igneous rocks in Central Europe: implications for a long-lived EAR-type mantle component beneath Europe. 2003 , 46, 77-94	16
1375	The Late Triassic-Early Jurassic volcanism of Morocco and Portugal in the framework of the Central Atlantic Magmatic Province: An overview. 2003 , 179-207	22
1374	Integrated Palaeogene palaeobathymetry of the northern North Sea. 2003 , 9, 125-132	7
1373	Mantle flow, dynamic topography, and rift-flank uplift of Arabia. 2003 , 31, 901	105
1372	Polybaric Evolution of Phonolite, Trachyte, and Rhyolite Volcanoes in Eastern Marie Byrd Land, Antarctica: Controls on Peralkalinity and Silica Saturation. 2003 , 45, 1055-1099	15

1371	Crustal trace of a hot convective sheet. 2003 , 31, 207	57
1370	Continental geotherm and the evolution of rifted margins. 2004 , 32, 133	56
1369	Upper Paleozoic Basalts in the Southern Yangtze Block: Geochemical and Sr-Nd Isotopic Evidence for Asthenosphere-Lithosphere Interaction and Opening of the Paleo-Tethyan Ocean. 2004 , 46, 332-346	18
1368	When Did the Emeishan Mantle Plume Activity Start? Geochronological and Geochemical Evidence from Ultramafic-Mafic Dikes in Southwestern China. 2004 , 46, 226-234	83
1367	Permo-Carboniferous extension-related magmatism at the SW margin of the Fennoscandian Shield. 2004 , 223, 259-288	13
1366	Time-Series Analysis of Large Igneous Provinces: 3500 Ma to Present. 2004 , 112, 1-22	78
1365	3D Seismic Analysis of the Geometry of Igneous Sills and Sill Junction Relationships. 2004 , 29, 199-208	35
1364	Influence of two major phase transitions on mantle convection with moving and subducting plates. 2004 , 56, 1019-1033	8
1363	Geologic, geochemical, and geophysical consequences of plume involvement in the Emeishan flood-basalt province. 2004 , 32, 917	305
1362	Regional three-dimensional gravity modelling of the NE Atlantic margin. 2004 , 16, 259-278	34
1361	Timing of depth-dependent lithosphere stretching on the S. Lofoten rifted margin offshore mid-Norway: pre-breakup or post-breakup?. 2004 , 16, 279-296	37
1360	Flow patterns in the Siberian traps deduced from magnetic fabric studies. 2004 , 156, 426-430	9
1359	Deep structure of the West African continental margin (Congo, Zaïre, Angola), between 5°S and 8°S, from reflection/refraction seismics and gravity data. 2004 , 158, 529-553	143
1358	A first detailed look at the Greenland lithosphere and upper mantle, using Rayleigh wave tomography. 2004 , 158, 267-286	41
1357	Magma flow in the East Greenland dyke swarm inferred from study of anisotropy of magnetic susceptibility: magmatic growth of a volcanic margin. 2004 , 159, 816-830	42
1356	The Wide Spread 2 Ga Dyke Activity in the Indian Shield -Evidences from Bundelkhand Mafic Dyke Swarm, Central India and Their Tectonic Implications. 2004 , 7, 1219-1228	21
1355	Assessing the record and causes of Late Triassic extinctions. 2004 , 65, 103-139	234
1354	A new model for the dynamic evolution of Chinese lithosphere: continental roots-plume tectonics. 2004 , 65, 223-275	228

1353	Gondwanaland from 650-500 Ma assembly through 320 Ma merger in Pangea to 185-100 Ma breakup: supercontinental tectonics via stratigraphy and radiometric dating. 2004 , 68, 1-132	380
1352	Origins of compositional heterogeneity in olivine-hosted melt inclusions from the Baffin Island picrites. 2004 , 148, 426-442	35
1351	Magmatic underplating beneath the Rajmahal Traps: Gravity signature and derived 3-D configuration. 2004 , 113, 759-769	16
1350	Two- and three-dimensional gravity modeling along western continental margin and intraplate Narmada-Tapti rifts: Its relevance to Deccan flood basalt volcanism. 2004 , 113, 771-784	23
1349	Some features of the 1993 Bada earthquake swarm of southeastern Eritrea. 2004 , 38, 135-143	13
1348	Deep Crustal Structure of the Continental Margin off the Explora Escarpment and in the Lazarev Sea, East Antarctica. 2004 , 25, 283-304	33
1347	Chipping of cratons and breakup along mobile belts of a supercontinent. 2004 , 56, 491-500	12
1346	From rift to drift: Mantle melting during continental breakup. 2004 , 5,	67
1345	Transition from rifted continental to oceanic crust at the southeastern Korean margin in the East Sea (Japan Sea). 2004 , 31, n/a-n/a	27
1344	Whole layer convection in a heterogeneous planetary mantle. <i>Journal of Geophysical Research</i> , 2004 , 109,	54
1343	Evidence of underplating from seismic and gravity studies in the Mahanadi delta of eastern India and its tectonic significance. <i>Journal of Geophysical Research</i> , 2004 , 109,	36
1342	Mantle dynamics and genesis of mafic magmatism in the intermontane Pacific Northwest. <i>Journal of Geophysical Research</i> , 2004 , 109,	129
1341	Imaging seismic velocity structure beneath the Iceland hot spot: A finite frequency approach. <i>Journal of Geophysical Research</i> , 2004 , 109,	96
1340	LINKS BETWEEN LONG-LIVED HOT SPOTS, MANTLE PLUMES, D?, AND PLATE TECTONICS. 2004 , 42,	128
1339	Mantle heterogeneity during the formation of the North Atlantic Igneous Province: Constraints from trace element and Sr-Nd-Os-O isotope systematics of Baffin Island picrites. 2004 , 5, n/a-n/a	60
1338	Crustal structure of the Taupo Volcanic Zone, New Zealand: Stretching and igneous intrusion. 2004 , 31, n/a-n/a	58
1337	Distinct mantle sources of low-Ti and high-Ti basalts from the western Emeishan large igneous province, SW China: implications for plume-lithosphere interaction. 2004 , 228, 525-546	348
1336	Lithospheric transition from the Variscan Iberian Massif to the Jurassic oceanic crust of the Central Atlantic. 2004 , 386, 97-115	48

1335	Crustal thickening in an extensional regime: application to the mid-Norwegian Vøring margin. 2004 , 387, 217-228	22
1334	Must magmatic intrusion in the lower crust produce reflectivity?. 2004 , 388, 271-297	16
1333	Lessons from Venus for understanding mantle plumes on Earth. 2004 , 146, 195-229	24
1332	A magnetotelluric (MT) study across the Koyna seismic zone, western India: evidence for block structure. 2004 , 142, 23-36	41
1331	Geochronology of a Late Archaean flood basalt province in the Pilbara Craton, Australia: constraints on basin evolution, volcanic and sedimentary accumulation, and continental drift rates. 2004 , 133, 143-173	102
1330	Extensional geometry of the Mid Norwegian Margin before Early Tertiary continental breakup. 2004 , 21, 177-194	20
1329	Deep structures and breakup along volcanic rifted margins: insights from integrated studies along the outer Vøring Basin (Norway). 2004 , 21, 363-372	116
1328	A Triassic large igneous province in the Pontides, northern Turkey: geochemical data for its tectonic setting. 2004 , 22, 503-516	31
1327	Mantle mixing and continental breakup magmatism. 2004 , 218, 463-473	74
1326	Synthetic seismic signature of thermal mantle plumes. 2004 , 218, 403-419	55
1325	Neon isotopes in mantle rocks from the Red Sea region reveal large-scale plume-lithosphere interaction. 2004 , 219, 61-76	51
1324	Palaeocene uplift and subsidence events in the Scotland-Shetland and North Sea region and their relationship to the Iceland Plume. 2004 , 161, 381-386	38
1323	The Bulawayan Supergroup: a late Archaean passive margin-related large igneous province in the Zimbabwe craton. 2004 , 161, 431-445	33
1322	Intrusive history of the Slieve Gullion ring dyke, Ireland: implications for the internal structure of silicic sub-caldera magma chambers. 2004 , 68, 725-738	11
1321	Cretaceous to Palaeogene 3D palaeobathymetry and sedimentation in the Vøring Basin, Norwegian Sea. 2005 , 6, 815-831	4
1320	Crustal structure of the Vøring Margin, NE Atlantic: a review of geological implications based on recent OBS data. 2005 , 6, 803-813	19
1319	Sub-basalt structures east of the Faroe Islands revealed from wide-angle seismic and gravity data. 2005 , 11, 291-308	27
1318	Tectonics of the Afar Depression: A review and synthesis. 2005 , 41, 41-59	96

1317	3D seismic technology: the geological Hubble	2005, 17, 1-20	96
1316	Palaeogene igneous rocks reveal new insights into the geodynamic evolution and petroleum potential of the Rockall Trough, NE Atlantic Margin.	2005, 17, 171-201	83
1315	A clinopyroxene-basalt geothermobarometry perspective of Columbia Plateau (NW-USA) Miocene magmatism.	2005, 17, 265-277	11
1314	Subglacial imprints of early Gondwana break-up as identified from high resolution aerogeophysical data over western Dronning Maud Land, East Antarctica.	2005, 17, 573-579	31
1313	Seismic structure of the Carnegie ridge and the nature of the Galapagos hotspot.	2005, 161, 763-788	70
1312	From continental extension to seafloor spreading: crustal structure of the Goban Spur rifted margin, southwest of the UK.	2005, 163, 527-546	63
1311	Inverse models of gravity data from the Red Sea-Aden-East African rifts triple junction zone.	2005, 163, 775-787	80
1310	Were the Deccan Flood Basalts Derived in Part from Ancient Oceanic Crust Within the Indian Continental Lithosphere?.	2005, 8, 109-127	47
1309	The Paranapanema Lithospheric Block: Its Importance for Proterozoic (Rodinia, Gondwana) Supercontinent Theories..	2005, 8, 303-315	62
1308	Geochemistry and petrogenesis of basalts from the West Siberian Basin: an extension of the Permian-Triassic Siberian Traps, Russia.	2005, 79, 425-452	119
1307	Alkaline magmatism from Kutch, NW India: implications for plume-lithosphere interaction.	2005, 81, 101-119	42
1306	Geochemistry and Sr, Nd, Pb isotopic composition of the Central Atlantic Magmatic Province (CAMP) in Guyana and Guinea.	2005, 82, 289-314	113
1305	The Okavango giant mafic dyke swarm (NE Botswana): its structural significance within the Karoo Large Igneous Province.	2005, 27, 2234-2255	60
1304	Kaapvaal craton: Changing first- and second-order controls on sea level from c. 3.0 Ga to 2.0 Ga.	2005, 176, 121-148	31
1303	Sources of primitive alkaline volcanic rocks from the Central European Volcanic Province (Rhine, Germany) inferred from Hf, Os and Pb isotopes.	2005, 150, 546-559	51
1302	Large magnitude silicic volcanism in north Afar: the Nabro Volcanic Range and Mañlalta volcano.	2005, 67, 99-115	41
1301	Volcanic features of the North Rockall Trough: application of visualisation techniques on 3D seismic reflection data.	2005, 67, 116-128	32
1300	A moving boundary solution for solidification of lava lake and magma intrusion in the presence of time-varying contact temperature.	2005, 114, 169-176	1

1299	Understanding the physical behavior of volcanoes. 2005 , 1-54	2
1298	Extrusive and intrusive magmatism in the North Rockall Trough. 2005 , 6, 1621-1630	12
1297	Preliminary results from investigations of seismic and petrophysical properties of Faroes basalts in the SeiFaBa project. 2005 , 6, 1461-1470	7
1296	Imaging magmatic rocks on the Faroes Margin. 2005 , 6, 755-766	11
1295	Seismic imaging of a hot upwelling beneath the British Isles. 2005 , 33, 345	54
1294	Kimberlite trends in NW Canada. 2005 , 162, 737-740	16
1293	NE Atlantic break-up: a re-examination of the Iceland mantle plume model and the Atlantic-Arctic linkage. 2005 , 6, 739-754	34
1292	Timing and magnitude of depth-dependent lithosphere stretching on the southern Lofoten and northern Vøring continental margins offshore mid-Norway: implications for subsidence and hydrocarbon maturation at volcanic rifted margins. 2005 , 6, 767-783	21
1291	Controls on the structure and evolution of the NE Atlantic margin revealed by regional potential field imaging and 3D modelling. 2005 , 6, 933-945	31
1290	The crustal structure and regional development of the Irish Atlantic margin region. 2005 , 6, 1023-1033	18
1289	Basalt sills of the U reflector, Newfoundland Basin: A serendipitous dating technique. 2005 , 33, 985	24
1288	A comparison of Eastern North America and Coastal New England magma suites: implications for subcontinental mantle evolution and the broad-terranes hypothesis. 2005 , 42, 1571-1587	10
1287	Advances in seismic imaging through basalts: a case study from the Faroe-Shetland Basin. 2005 , 11, 147-156	22
1286	Structure of the Hatton Basin and adjacent continental margin. 2005 , 6, 947-956	9
1285	Crustal modeling of the North Atlantic from spectrally correlated free-air and terrain gravity. 2005 , 40, 23-50	15
1284	Episodic Cenozoic tectonism and the development of the NW European passive-continental margin. 2005 , 22, 1007-1030	99
1283	Volcanic passive margins. 2005 , 337, 1395-1408	198
1282	Gravity anomalies of sedimentary basins and their mechanical implications: Application to the Ross Sea basins, West Antarctica. 2005 , 235, 577-596	57

1281	The lithosphere–sthenosphere boundary in the North-West Atlantic region. 2005 , 236, 249-257	121
1280	Mantle discontinuities beneath the Deccan volcanic province. 2005 , 237, 252-263	35
1279	Convective patterns under the Indo-Atlantic « box ». 2005 , 239, 233-252	126
1278	EM modeling of the central–northern portion of Ponta Grossa Arch, Paraná Basin, Brazil. 2005 , 150, 145-158	9
1277	Creation of the Cocos and Nazca plates by fission of the Farallon plate. 2005 , 404, 237-264	211
1276	Intrusion and its implication for subsidence: A case from the Baiyun Sag, on the northern margin of the South China Sea. 2005 , 407, 117-134	55
1275	Chapter 5 Paleoproterozoic mafic dikes in NE Finland. 2005 , 14, 195-236	51
1274	Continent-ocean transition on the Vøring Plateau, NE Atlantic, derived from densely sampled ocean bottom seismometer data. <i>Journal of Geophysical Research</i> , 2005 , 110,	62
1273	Elastic thickness estimates for coronae associated with chasmata on Venus. <i>Journal of Geophysical Research</i> , 2005 , 110,	11
1272	Cenozoic vertical motions in the Moray Firth Basin associated with initiation of the Iceland Plume. 2005 , 24, n/a-n/a	22
1271	Why do kimberlites from different provinces have similar trace element patterns?. 2005 , 6, n/a-n/a	14
1270	River networks of southern Africa: Scaling laws governing their geometry and deviations from scaling. 2005 , 6, n/a-n/a	7
1269	Steady plumes produced by downwellings in Earth-like vigor spherical whole mantle convection models. 2005 , 6, n/a-n/a	10
1268	Penetration of mantle plumes through depleted lithosphere. <i>Journal of Geophysical Research</i> , 2005 , 110,	22
1267	Crustal structure of the NE Rockall Trough from wide-angle seismic data modeling. <i>Journal of Geophysical Research</i> , 2005 , 110,	47
1266	Chapter 4 Central Lapland greenstone belt. 2005 , 14, 139-193	37
1265	Chapter 11 Rifted passive margins. 2006 , 409-426	1
1264	Flood lavas on Earth, Io and Mars. 2006 , 163, 253-264	71

1263	Nature of the crust in the Laxmi Basin (14°20'N), western continental margin of India. 2006 , 25, n/a-n/a	61
1262	Tectonic stress and magma chamber size as controls on dike propagation: Constraints from the 1975-1984 Krafla rifting episode. <i>Journal of Geophysical Research</i> , 2006 , 111, n/a-n/a	167
1261	Investigating superswells and sea level changes caused by superplumes via normal mode relaxation theory. <i>Journal of Geophysical Research</i> , 2006 , 111,	5
1260	Rates of continental breakup magmatism and seafloor spreading in the Norway Basin-Iceland plume interaction. <i>Journal of Geophysical Research</i> , 2006 , 111,	54
1259	The Mesozoic breakup of the Weddell Sea. <i>Journal of Geophysical Research</i> , 2006 , 111, n/a-n/a	134
1258	A comparison of Siberian meimechites and kimberlites: Implications for the source of high-Mg alkalic magmas and flood basalts. 2006 , 7, n/a-n/a	67
1257	Western Scotia Sea margins: Improved constraints on the opening of the Drake Passage. <i>Journal of Geophysical Research</i> , 2006 , 111, n/a-n/a	21
1256	Tertiary-Quaternary intra-plate magmatism in Europe and its relationship to mantle dynamics. 2006 , 32, 147-166	44
1255	Asthenospheric flow and origin of volcanism in the Baikal Rift area. 2006 , 249, 415-424	90
1254	How many mantle plumes in Africa? The geochemical point of view. 2006 , 226, 100-114	166
1253	Zircon U-Pb age, Hf and O isotope constraints on protolith origin of ultrahigh-pressure eclogite and gneiss in the Dabie orogen. 2006 , 231, 135-158	399
1252	Age and geochemistry of the mafic sills, ODP site 1276, Newfoundland margin. 2006 , 235, 222-237	52
1251	The morphology of intrusion-related vent structures and their implications for constraining the timing of intrusive events along the NE Atlantic margin. 2006 , 163, 789-800	75
1250	Crustal and upper mantle structure in the intracratonic Paran Basin, SE Brazil, from surface wave dispersion using genetic algorithms. 2006 , 21, 173-184	29
1249	The temporal and spatial distribution of volcanism in the South China Sea region. 2006 , 27, 647-659	180
1248	Anisotropic structure of the African upper mantle from Rayleigh and Love wave tomography. 2006 , 155, 48-62	111
1247	Temperature and density of the Tyrrhenian lithosphere and slab and new interpretation of gravity field in the Tyrrhenian Basin. 2006 , 412, 27-47	14
1246	A moderate melting model for the Vøring margin (Norway) based on structural observations and a thermo-kinematical modelling: Implication for the meaning of the lower crustal bodies. 2006 , 412, 255-278	66

1245	Crustal structure and evolution of the southern Vøring Basin and Vøring Transform Margin, NE Atlantic. 2006 , 415, 167-202	39
1244	Seismic attenuation of Atlantic margin basalts: Observations and modeling. 2006 , 71, B211-B221	33
1243	Chapter 10 The midcontinent rift system, u.s.a.: A major proterozoic continental rift. 2006 , 375-XIX	4
1242	Subsidence in the super-deep Pattani and Malay basins of Southeast Asia: a coupled model incorporating lower-crustal flow in response to post-rift sediment loading. 2006 , 18, 51-84	90
1241	Crustal structure of the central Nova Scotia margin off Eastern Canada. 2006 , 166, 878-906	58
1240	Lithospheric structure of an active backarc basin: the Taupo Volcanic Zone, New Zealand. 2006 , 167, 968-990	60
1239	Crustal velocity structure of the British Isles; a comparison of receiver functions and wide-angle seismic data. 2006 , 166, 795-813	21
1238	Mineral chemistry of Al Haruj low-volcanicity rift basalts, Libya: Implications for petrogenetic and geotectonic evolution. 2006 , 45, 198-212	22
1237	Diameter and formation time of plume head at the base of refractory lithospheric layer. 2006 , 406, 56-60	8
1236	Magmatism of the Karoo-Maud superplume in the Schirmacher Oasis, East Antarctica. 2006 , 406, 128-131	4
1235	Pahoehoe flows from the central Paraná Continental Flood Basalts. 2006 , 68, 599-610	41
1234	Geochemical constraints on the Cenozoic, OIB-type alkaline volcanic rocks of NW Turkey: Implications for mantle sources and melting processes. 2006 , 86, 50-76	127
1233	Lithosphere–sthenosphere interaction and the origin of Cretaceous tholeiitic magmatism in Northeastern Brazil: Sr–Nd–Pb isotopic evidence. 2006 , 86, 34-49	37
1232	The mid-Norwegian margin: a discussion of crustal lineaments, mafic intrusions, and remnants of the Caledonian root by 3D density modelling and structural interpretation. 2006 , 163, 47-59	58
1231	The role of magma in the development of the Afro-Arabian Rift System. 2006 , 259, 43-54	87
1230	The Role of Lithospheric Mantle Heterogeneity in the Generation of Plio-Pleistocene Alkali Basaltic Suites from NW Harrat Ash Shaam (Israel). 2006 , 47, 1017-1050	110
1229	Rift-initiation development of normal fault blocks: insights from the Hammam Faraun fault block, Suez Rift, Egypt. 2006 , 163, 165-183	47
1228	New evidence for Afro-Arabian plate separation in southern Afar. 2006 , 259, 133-141	8

1227	Basaltic magmatism and the geodynamics of the East African Rift System. 2006 , 259, 77-93	46
1226	Chapter 14 Continental rifting: A final perspective. 2006 , 25, 453-459	2
1225	The Kalkarindji continental flood basalt province: A new Cambrian large igneous province in Australia with possible links to faunal extinctions. 2006 , 34, 461	75
1224	Tethyan ophiolite emplacement, Africa to Europe motions, and Atlantic spreading. 2006 , 260, 11-34	23
1223	Thick, high-velocity crust in the Emeishan large igneous province, southwestern China: Evidence for crustal growth by magmatic underplating or intraplating. 2007 , 841-858	15
1222	Phantom plumes in Europe and the circum-Mediterranean region. 2007 , 723-745	9
1221	The formation of non-volcanic rifted margins by the progressive extension of the lithosphere: the example of the West Iberian margin. 2007 , 282, 77-110	23
1220	Crustal Contamination of Picritic Magmas During Transport Through Dikes: the Expo Intrusive Suite, Cape Smith Fold Belt, New Quebec. 2007 , 48, 1021-1039	35
1219	The North Atlantic Igneous Province: A review of models for its formation. 2007 , 525-552	29
1218	Mechanisms of crustal growth in large igneous provinces: The north Atlantic province as a case study. 2007 , 747-774	2
1217	The origin of the Columbia River flood basalt province: Plume versus nonplume models. 2007 , 635-668	33
1216	Stepped inversion of magnetic data. 2007 , 72, L21-L30	3
1215	Late Cenozoic fluvial dynamics of the River Tana, Kenya, an uplift dominated record. 2007 , 26, 2897-2912	36
1214	Regional geoelectric structure beneath Deccan Volcanic Province of the Indian subcontinent using magnetotellurics. 2007 , 445, 66-80	28
1213	Gondwana breakup via double-saloon-door rifting and seafloor spreading in a backarc basin during subduction rollback. 2007 , 445, 245-272	56
1212	$^{40}\text{Ar}/^{39}\text{Ar}$ ages and duration of the Central Atlantic Magmatic Province volcanism in Morocco and Portugal and its relation to the Triassic/Jurassic boundary. 2007 , 244, 308-325	149
1211	Timing and origin of the South Atlantic pre-salt sag basins and their capping evaporites. 2007 , 285, 15-35	75
1210	On the fate of thermally buoyant mantle plumes at density interfaces. 2007 , 254, 180-193	42

1209	Axial crustal structure of the Lau back-arc basin from velocity modeling of multichannel seismic data. 2007 , 259, 239-255	54
1208	Timing and duration of volcanism in the North Atlantic Igneous Province: Implications for geodynamics and links to the Iceland hotspot. 2007 , 241, 264-281	148
1207	Regional uplift associated with continental large igneous provinces: The roles of mantle plumes and the lithosphere. 2007 , 241, 282-318	162
1206	Mantle plumes and geochemistry. 2007 , 241, 319-331	57
1205	Testing the plume theory. 2007 , 241, 153-176	220
1204	Chemical and isotopic relationships between peridotite xenoliths and mafic-ultrapotassic rocks from Southern Brazil. 2007 , 242, 415-434	55
1203	Permian peralkaline, peraluminous and metaluminous A-type granites in the Panxi district, SW China: Their relationship to the Emeishan mantle plume. 2007 , 243, 286-316	227
1202	Continental-ocean-transitions: Review, and a new tectono-magmatic model of the Vøring Plateau, NE Atlantic. 2007 , 43, 374-392	46
1201	Nonlinear Dynamic Study on Geomagnetic Polarity Reversal and Cretaceous Normal Superchron. 2007 , 81, 1097-1102	3
1200	The biodiversity of the deep Southern Ocean benthos. 2007 , 362, 39-66	128
1199	Crust and Lithospheric Structure [Global Crustal Structure]. 2007 , 361-417	9
1198	Paleocene-Eocene thermal maximum and the opening of the Northeast Atlantic. 2007 , 316, 587-9	202
1197	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. 2007 , 48, 1043-1077	214
1196	Temperatures in ambient mantle and plumes: Constraints from basalts, picrites, and komatiites. 2007 , 8, n/a-n/a	469
1195	Superplumes, plates, and mantle magmatism in two-dimensional numerical models. <i>Journal of Geophysical Research</i> , 2007 , 112,	25
1194	Insights into the magmatic architecture of the Oslo Graben by petrophysically constrained analysis of the gravity and magnetic field. <i>Journal of Geophysical Research</i> , 2007 , 112,	15
1193	Surface wave tomography of the upper mantle beneath the Reykjanes Ridge with implications for ridge-hot spot interaction. <i>Journal of Geophysical Research</i> , 2007 , 112,	33
1192	Evidence for thin oceanic crust on the extinct Aegir Ridge, Norwegian Basin, NE Atlantic derived from satellite gravity inversion. 2007 , 34,	48

1191	Dynamic Processes in Extensional and Compressional Settings: The Dynamics of Continental Breakup and Extension. 2007 , 335-376	6
1190	Clinopyroxene-rich lherzolite xenoliths from Bir Ali, Yemen [possible product of peridotite/melt reactions. 2007 , 102, 137-142	11
1189	Crustal contamination and diversity of magma sources in the northwestern Ethiopian volcanic province. 2007 , 102, 272-290	32
1188	Geodynamic Evolution of the South Caspian Basin. 2007 , 1-25	1
1187	The August 2002 earthquake sequence in north Afar: Insights into the neotectonics of the Danakil microplate. 2007 , 48, 70-79	43
1186	Breakup and early seafloor spreading between India and Antarctica. 2007 , 170, 151-169	187
1185	Simultaneous melting and compaction in deformable two-phase media. 2007 , 168, 964-982	58
1184	Crustal structure of the French Guiana margin, West Equatorial Atlantic. 2007 , 169, 964-987	39
1183	Continent-ocean transition and voluminous magmatic underplating derived from P-wave velocity modelling of the East Greenland continental margin. 2007 , 170, 580-604	92
1182	Seismic characterization of basalt flows from the Faroes margin and the Faroe-Shetland basin. 2007 , 56, 071203163518001-???	2
1181	Basalt magma genesis and fractionation in collision- and extension-related provinces: A comparison between eastern, central and western Anatolia. 2007 , 80, 219-238	47
1180	Gravity and S-wave modelling across the Jan Mayen Ridge, North Atlantic; implications for crustal lithology. 2007 , 28, 27-41	28
1179	Isostasy and paleotemperatures in the Southern Tyrrhenian Basin, Mediterranean Sea. 2007 , 28, 139-151	0
1178	Permian komatiites and associated basalts from the marine sediments of Chhongtash Formation, southeast Karakoram, Ladakh, India. 2007 , 91, 171-189	6
1177	Intraplate volcanism in New Zealand: the role of fossil plume material and variable lithospheric properties. 2007 , 153, 669-687	61
1176	The effect of intra-trappean heterogeneities on seismic data: A case study from the Deccan Traps. 2007 , 4, 183-193	2
1175	Emplacement mechanisms for Continental Flood Basalts and implications for plume activity during incipient continental breakup. 2007 , 48, 137-146	5
1174	Margin segmentation and volcano-tectonic architecture along the volcanic margin off Argentina/Uruguay, South Atlantic. 2007 , 244, 46-67	137

1173	Crustal transect across the North Atlantic. 2008 , 29, 73-87	48
1172	Crustal structure and tectonic provinces of the Riiser-Larsen Sea area (East Antarctica): results of geophysical studies. 2008 , 29, 135-158	40
1171	Feasibility of using the magnetotelluric method for sub-basalt imaging at Kachchh, India. 2008 , 5, 74-82	9
1170	Petrogenesis of Permian alkaline lamprophyres and diabases from the Spanish Central System and their geodynamic context within western Europe. 2008 , 156, 477-500	57
1169	High-temperature FeS ₂ solid-state transitions: Reactions of solid mackinawite with gaseous H ₂ S. 2008 , 181, 3151-3162	52
1168	Lower-crustal intrusion on the North Atlantic continental margin. 2008 , 452, 460-4	232
1167	Influence of the Iceland mantle plume on oceanic crust generation in the North Atlantic. 2008 , 173, 168-188	45
1166	Tectonotype of volcanic passive margins in the Norwegian-Greenland region. 2008 , 42, 225-244	11
1165	The relationship between rifting and magmatism in the northeastern Arabian Sea. 2008 , 1, 463-467	74
1164	Primordial helium isotope signature from Plio-Quaternary alkaline basalts in Yemen. 2008 , 10, 145-157	
1163	Uplift and strength evolution of passive margins inferred from 2-D conductive modelling. 2008 , 172, 464-476	25
1162	Imprints of a Proterozoic tectonothermal anomaly below the 1.1 Ga kimberlitic province of Southwest Cuddapah basin, Dharwar craton (Southern India). 2008 , 172, 422-438	33
1161	A seismic study along the East Greenland margin from 72°N to 77°N. 2008 , 174, 733-748	31
1160	Three-dimensional gravity inversion for Moho depth at rifted continental margins incorporating a lithosphere thermal gravity anomaly correction. 2008 , 174, 1-13	88
1159	Structure and isostatic compensation of the Comorin Ridge, north central Indian Ocean. 2008 , 175, 729-741	16
1158	Late Cretaceous to Miocene sea-level estimates from the New Jersey and Delaware coastal plain coreholes: an error analysis. 2008 , 20, 211-226	375
1157	Revised definition of Large Igneous Provinces (LIPs). 2008 , 86, 175-202	551
1156	The form, distribution and anisotropy of magnetic susceptibility of Jurassic dykes in H.U. Sverdrupfjella, Dronning Maud Land, Antarctica. Implications for dyke swarm emplacement. 2008 , 30, 1429-1447	32

1155	Magma flow revealed by magnetic fabric in the Okavango giant dyke swarm, Karoo igneous province, northern Botswana. 2008 , 170, 247-261	37
1154	Formation of continental flood volcanism □The perspective of setting of melting. 2008 , 100, 49-65	24
1153	Geochemical fingerprinting of oceanic basalts with applications to ophiolite classification and the search for Archean oceanic crust. 2008 , 100, 14-48	1929
1152	Melting of the subcontinental lithospheric mantle by the Emeishan mantle plume; evidence from the basal alkaline basalts in Dongchuan, Yunnan, Southwestern China. 2008 , 100, 93-111	108
1151	Petrogenesis of the earliest Early Cretaceous mafic rocks from the Cona area of the eastern Tethyan Himalaya in south Tibet: Interaction between the incubating Kerguelen plume and the eastern Greater India lithosphere?. 2008 , 100, 147-173	106
1150	Modelling of thermochemical plumes and implications for the origin of the Siberian traps. 2008 , 100, 66-92	67
1149	On the edge of CAMP: Geology and volcanology of the Jurassic North Mountain Basalt, Nova Scotia. 2008 , 101, 74-101	34
1148	⁴⁰ Ar/ ³⁹ Ar ages of intrusions in East Greenland: Rift-to-drift transition over the Iceland hotspot. 2008 , 101, 480-500	42
1147	Petrogenesis of the Neogene alkaline volcanics with implications for post-collisional lithospheric thinning of the Eastern Pontides, NE Turkey. 2008 , 104, 249-266	87
1146	Lithospheric dismemberment and magmatic processes of the Great Basin□Colorado Plateau transition, Utah, implied from magnetotellurics. 2008 , 9, n/a-n/a	77
1145	Volcano tectonic setting of the intraplate, Pliocene-Holocene, Newer Volcanic Province (southeast Australia): Role of crustal fracture zones. <i>Journal of Geophysical Research</i> , 2008 , 113,	52
1144	Seismic structure of the southern Gulf of California from Los Cabos block to the East Pacific Rise. <i>Journal of Geophysical Research</i> , 2008 , 113,	14
1143	Upper mantle seismic structure beneath the Ethiopian hot spot: Rifting at the edge of the African low-velocity anomaly. 2008 , 9, n/a-n/a	148
1142	Chapter 7 The Antarctic Continent in Gondwanaland: A Tectonic Review and Potential Research Targets for Future Investigations. 2008 , 257-308	4
1141	The Bikou basalts in the northwestern Yangtze block, South China: Remnants of 820-810 Ma continental flood basalts?. 2008 , 120, 1478-1492	162
1140	Forward modeling of stretching episodes and paleo heat flow of the Vøring margin, NE Atlantic. 2008 , 45, 83-98	13
1139	Age of the source of the Jarrafa gravity and magnetic anomalies offshore Libya and its geodynamic implications. 2008 , 45, 217-233	5
1138	Modeling the mantle-crust ore-magmatic systems of the Siberian traps. 2008 , 49, 908-922	4

1137	Mantle sources of Permian-Triassic Siberian traps (West Siberian Plate and Siberian craton). 2008 , 49, 492-502	11
1136	Estimation of crustal thinning by accounting for stretching and thinning of the sedimentary basin [An example from the Vøring margin, NE Atlantic. 2008 , 457, 224-238	9
1135	Perovskite U/Pb ages and the Pb isotopic composition of alkaline volcanism initiating the Permo-Carboniferous Oslo Rift. 2008 , 265, 256-269	36
1134	A plume model of transient diachronous uplift at the Earth's surface. 2008 , 267, 146-160	58
1133	Modelling the composition of melts formed during continental breakup of the Southeast Greenland margin. 2008 , 269, 248-258	13
1132	Anomalous subsidence on the rifted volcanic margin of Pakistan: No influence from Deccan plume. 2008 , 272, 231-239	32
1131	Age of Seychelles-India break-up. 2008 , 272, 264-277	157
1130	Integrated crustal thickness mapping and plate reconstructions for the high Arctic. 2008 , 274, 310-321	129
1129	Structural highs on the western continental slope of India: Implications for regional tectonics. 2008 , 96, 48-61	19
1128	Eustatic variations during the Paleocene-Eocene greenhouse world. 2008 , 23, n/a-n/a	129
1127	Re-evaluating plume-induced uplift in the Emeishan large igneous province. 2008 , 1, 625-629	99
1126	South Atlantic divergent margin evolution: rift-border uplift and salt tectonics in the basins of SE Brazil. 2008 , 294, 365-398	83
1125	Geochronology and the evolution of Australia in the Mesozoic. 2008 , 55, 849-864	9
1124	The effects of Cenozoic compression within the Faroe-Shetland Basin and adjacent areas. 2008 , 306, 121-136	22
1123	Late Jurassic continental flood basalt doleritic dykes in northwestern Cuba: remnants of the Gulf of Mexico opening. 2008 , 179, 445-452	2
1122	Evidence for kilometre-scale Neogene exhumation driven by compressional deformation in the Irish Sea basin system. 2008 , 306, 91-119	14
1121	Timing of East African Rift development in southern Ethiopia: Implication for mantle plume activity and evolution of topography. 2008 , 36, 167	124
1120	Longevity of the Permian Emeishan mantle plume (SW China): 1 Ma, 8 Ma or 18 Ma?. 2008 , 145, 373-388	57

1119	Neogene extension and basin deepening in the West Antarctic rift inferred from comparisons with the East African rift and other analogs. 2008 , 36, 247	70
1118	The three-dimensional lithospheric structure of the Falkland Plateau region based on gravity modelling. 2008 , 165, 795-806	15
1117	The Euphrates volcanic field, northeastern Syria: petrogenesis of Cenozoic basanites and alkali basalts. 2008 , 145, 685-701	12
1116	References. 2008 , 10, 261-281	
1115	Sedimentary and volcano-tectonic processes in the British Paleocene Igneous Province: a review. 2009 , 146, 326-352	22
1114	Multiple inflation and deflation events at Kenyan volcanoes, East African Rift. 2009 , 37, 979-982	93
1113	The 132 Ma Comei-Bunbury large igneous province: Remnants identified in present-day southeastern Tibet and southwestern Australia. 2009 , 37, 583-586	170
1112	A critical analysis of the structure and tectonic significance of rift-oblique lineaments (‘transfer zones’) in the Mesozoic-Cenozoic succession of the Faroe-Shetland Basin, NE Atlantic margin. 2009 , 166, 831-844	39
1111	Abrupt transition from magma-starved to magma-rich rifting in the eastern Black Sea. 2009 , 37, 7-10	60
1110	Petrology of the Paleocene Picrites and Flood Basalts on Disko and Nuussuaq, West Greenland. 2009 , 50, 1667-1711	60
1109	Neogene tephra correlations in eastern Idaho and Wyoming: Implications for Yellowstone hotspot-related volcanism and tectonic activity. 2009 , 121, 837-856	27
1108	Magma Ascent along a Major Terrane Boundary: Crustal Contamination and Magma Mixing at the Drumadoon Intrusive Complex, Isle of Arran, Scotland. 2009 , 50, 2345-2374	17
1107	Thermal structure beneath the Snake River Plain: Implications for the Yellowstone hotspot. 2009 , 188, 57-67	47
1106	Extended correlation of the Paleogene Faroe Islands and East Greenland plateau basalts. 2009 , 107, 205-215	16
1105	Lithospheric mantle evolution monitored by overlapping large igneous provinces: Case study in southern Africa. 2009 , 107, 257-268	39
1104	$^{40}\text{Ar}/^{39}\text{Ar}$ ages of CAMP in North America: Implications for the Triassic-Jurassic boundary and the 40K decay constant bias. 2009 , 110, 167-180	92
1103	Geochemical evidence for interaction between oceanic crust and lithospheric mantle in the origin of Cenozoic continental basalts in east-central China. 2009 , 110, 305-326	189
1102	The Carolina kimberlite, Brazil: Insights into an unconventional diamond deposit. 2009 , 112, 843-851	14

1101	On the composition of ocean island basalts (OIB): The effects of lithospheric thickness variation and mantle metasomatism. 2009 , 112, 118-136	118
1100	Variation of Icelandic and Hawaiian magmatism: evidence for co-pulsation of mantle plumes?. 2009 , 30, 61-72	20
1099	Numerical modeling of the development of southeastern Red Sea continental margin. 2009 , 22, 239-249	1
1098	Uplifted crust in parts of western India. 2009 , 73, 479-488	20
1097	Post-rift volcanism and high heat-flow at the ocean-continent transition of the eastern Gulf of Aden. 2009 , 21, 285-292	42
1096	The Nordic Volcanological Institute: understanding volcanoes at spreading centres. 2009 , 25, 53-59	
1095	Dynamical modelling of lithospheric extension and small-scale convection: implications for magmatism during the formation of volcanic rifted margins. 2009 , 176, 327-350	37
1094	Crustal structure beneath the Faroe Islands from teleseismic receiver functions. 2009 , 177, 115-124	11
1093	Variations in magmatic processes along the East Greenland volcanic margin. 2009 , 177, 755-782	56
1092	Crustal-scale architecture and segmentation of the Argentine margin and its conjugate off South Africa. 2009 , 178, 85-105	56
1091	An analysis of young ocean depth, gravity and global residual topography. 2009 , 178, 1198-1219	94
1090	Imaging igneous rocks on the North Atlantic rifted continental margin. 2009 , 179, 1024-1038	21
1089	Magma-compensated crustal thinning in continental rift zones. 2009 , 457, 873-6	142
1088	Genesis of the lithosphere of the Iceland region (North Atlantic) according to geophysical data. 2009 , 49, 228-241	2
1087	Evolution of the Karoo-Maud mantle plume in antarctica and its influence on the magmatism of the early stages of Indian ocean opening. 2009 , 47, 1-17	11
1086	Tectonic evolution of the Iceland region, North Atlantic. 2009 , 43, 501-521	
1085	The volcanic history of central Elysium Planitia: Implications for martian magmatism. 2009 , 204, 418-442	133
1084	Density model of the lithosphere in the Tsushima Basin, Sea of Japan. 2009 , 3, 596-602	2

1083	Paleozoic plume-lithospheric processes in northeastern Fennoscandia: Evaluation of the composition of the parental mantle melts and magma generation conditions. 2009 , 17, 300-313	9
1082	Regional intraplate exhumation episodes related to plate-boundary deformation. 2009 , 121, 1611-1628	52
1081	Geophysical characterisation of the ocean-continent transition at magma-poor rifted margins. 2009 , 341, 382-393	67
1080	Deccan plume, lithosphere rifting, and volcanism in Kutch, India. 2009 , 277, 101-111	84
1079	Crustal structure of a young margin pair: New results across the Liguro-Provencal Basin from wide-angle seismic tomography. 2009 , 286, 333-345	55
1078	Time-scales for magmatic differentiation at the Snæfellsjökull central volcano, western Iceland: Constraints from U-Th-Pa disequilibria in post-glacial lavas. 2009 , 73, 1120-1144	27
1077	Active crustal deformation beyond the SE margin of the Tibetan Plateau: Constraints from the evolution of fluvial systems. 2009 , 68, 395-417	30
1076	Lower crustal composition and crustal lineaments on the Vøring Margin, NE Atlantic: A review. 2009 , 472, 183-193	57
1075	Styles of lithospheric extension controlled by underplated mafic bodies. 2009 , 468, 169-184	28
1074	Deep structure of the western South African passive margin [Results of a combined approach of seismic, gravity and isostatic investigations. 2009 , 470, 57-70	65
1073	An introduction to the Tectonophysics Special Issue Role of magmatism in continental lithosphere extension [2009 , 468, 1-5	6
1072	Magma productivity and early seafloor spreading rate correlation on the northern Vøring Margin, Norway [Constraints on mantle melting. 2009 , 468, 206-223	26
1071	The Lebombo monocline and associated feeder dyke swarm: Diagnostic of a successful and highly volcanic rifted margin?. 2009 , 468, 42-62	61
1070	Lower crustal intrusions beneath the southern Baikal Rift Zone: Evidence from full-waveform modelling of wide-angle seismic data. 2009 , 470, 298-318	31
1069	Modelled palaeo-temperature on Vøring, offshore mid-Norway [The effect of the Lower Crustal Body. 2009 , 474, 544-558	8
1068	Potential role of strain hardening in the cessation of rifting at constant tectonic force. 2009 , 47, 47-62	8
1067	Origin of Late Palaeoproterozoic Great Vindhyan basin of North Indian shield: Geochemical evidence from mafic volcanic rocks. 2009 , 34, 716-730	13
1066	Timing and mechanisms for the generation and modification of the anomalous topography of the Borborema Province, northeastern Brazil. 2009 , 26, 1070-1086	60

1065	Structural imaging of Mesozoic sediments of Kachchh, India, and their hydrocarbon prospects. 2009 , 26, 1043-1050	14
1064	GRACE gravity evidence for an impact basin in Wilkes Land, Antarctica. 2009 , 10, n/a-n/a	18
1063	Tectonic events, continental intraplate volcanism, and mantle plume activity in northern Arabia: Constraints from geochemistry and Ar-Ar dating of Syrian lavas. 2009 , 10, n/a-n/a	54
1062	Lithospheric controls on melt production during continental breakup at slow rates of extension: Application to the North Atlantic. 2009 , 10, n/a-n/a	15
1061	Response of a multi-domain continental margin to compression: Study from seismic reflection/refraction and numerical modelling in the Tagus Abyssal Plain. 2009 , 468, 113-130	25
1060	No Moho uplift below the Baikal Rift Zone: Evidence from a seismic refraction profile across southern Lake Baikal. <i>Journal of Geophysical Research</i> , 2009 , 114,	32
1059	September 2005 Manda Hararo-Dabbahu rifting event, Afar (Ethiopia): Constraints provided by geodetic data. <i>Journal of Geophysical Research</i> , 2009 , 114,	110
1058	Crustal structure of the Hatton and the conjugate east Greenland rifted volcanic continental margins, NE Atlantic. <i>Journal of Geophysical Research</i> , 2009 , 114,	63
1057	Orthoenstatite/clinoenstatite phase transformation in MgSiO ₃ at high-pressure and high-temperature determined by in situ X-ray diffraction: Implications for nature of the X discontinuity. <i>Journal of Geophysical Research</i> , 2009 , 114,	31
1056	Factors influencing magmatism during continental breakup: New insights from a wide-angle seismic experiment across the conjugate Seychelles-Indian margins. <i>Journal of Geophysical Research</i> , 2009 , 114,	39
1055	Gravity modeling of the ocean-continent transition along the South Atlantic margins. <i>Journal of Geophysical Research</i> , 2009 , 114,	16
1054	Potential field evidence for a volcanic rifted margin along the Texas Gulf Coast. 2009 , 37, 387-390	58
1053	Integrating streamer and ocean-bottom seismic data for sub-basalt imaging on the Atlantic Margin. 2010 , 16, 349-366	2
1052	Delineation of Subtrappean Mesozoic Sediments in Deccan Syncline, India, Using Travel-Time Inversion of Seismic Refraction and Wide-Angle Reflection Data. 2010 , 167, 233-251	10
1051	Plume-related mantle source of super-large rare metal deposits from the Lovozero and Khibina massifs on the Kola Peninsula, Eastern part of Baltic Shield: Sr, Nd and Hf isotope systematics. 2010 , 98, 197-208	47
1050	Large igneous provinces (LIPs) and carbonatites. 2010 , 98, 55-76	203
1049	Mineral chemical evidence for extremely magnesian subalkaline melts from the Antarctic extension of the Karoo large igneous province. 2010 , 99, 201-217	32
1048	Petrogenesis of continental mafic dykes from the Izera Complex, Karkonosze-Izera Block (West Sudetes, SW Poland). 2010 , 99, 745-773	11

1047	SHRIMP U ^{Pb} zircon geochronology and Sr/Nd isotopic systematic of the Neoproterozoic Ghimbi-Nedjo mafic to intermediate intrusions of Western Ethiopia: a record of passive margin magmatism at 855 Ma?. 2010 , 99, 1773-1790	25
1046	Seaward dipping reflectors along the SW continental margin of India: Evidence for volcanic passive margin. 2010 , 119, 803-813	32
1045	Mode-Converted (P-SV) Waves for Imaging Thin Intercalated Basaltic Layers and Their Possible Geologic Implications. 2010 , 19, 141-150	1
1044	P. Kearey, K.A. Klepeis, F.J. Vine. Global Tectonics, third edition, WileyBlackwell, Hoboken, New Jersey (2009)., 482 pp., plus 16 pp. of colour plates; £34.99/\$0.30; (paperback) ISBN: 978-1-4051-r-r0777-8.. 2010 , 121, 354-357	
1043	Os, Nd and Sr isotope and trace element geochemistry of the Muli picrites: Insights into the mantle source of the Emeishan Large Igneous Province. 2010 , 119, 108-122	63
1042	Variety and complexity of the Late-Permian Emeishan basalts: Reappraisal of plume- \uparrow thosphere interaction processes. 2010 , 119, 91-107	82
1041	References. 2010 , 288-318	
1040	Petrogenesis of the eastern part of the Al Haruj basalts (Libya). 2010 , 58, 37-50	23
1039	Two-dimensional velocity model of the crust beneath the South Cambay Basin, India from refraction and wide-angle reflection data. 2010 ,	4
1038	The North Atlantic Igneous Province reconstructed and its relation to the Plume Generation Zone: the Antrim Lava Group revisited. 2010 , no-no	9
1037	Lithospheric density variations and Moho structure of the Irish Atlantic continental margin from constrained 3-D gravity inversion. 2010 , 183, 79-95	29
1036	Bathymetry, controlled source seismic and gravity observations of the Mendeleev ridge; implications for ridge structure, origin, and regional tectonics. 2010 , 183, 481-502	43
1035	Magmatic underplating of crust beneath the Laccadive Island, NW Indian Ocean. 2010 , 183, 536-542	22
1034	The importance of rift history for volcanic margin formation. 2010 , 465, 913-7	68
1033	Properties and distribution of lower crustal bodies on the mid-Norwegian margin. 2010 , 7, 843-854	17
1032	Emeishan large igneous province (SW China) and the mantle-plume up-doming hypothesis. 2010 , 167, 953-959	102
1031	Constraints on volcanism, igneous intrusion and stretching on the Rockall-Faroe continental margin. 2010 , 7, 831-842	8
1030	Timing, controls and consequences of compression in the Rockall-Faroe area of the NE Atlantic Margin. 2010 , 7, 963-977	18

1029	Rifting of the South China Sea: new perspectives. 2010 , 16, 273-282	163
1028	A pulse in the planet: regional control of high-frequency changes in relative sea level by mantle convection. 2010 , 167, 637-648	51
1027	Redistribution of the lithosphere deformation by the emplacement of underplated mafic bodies: implications for microcontinent formation. 2010 , 167, 961-971	18
1026	Effects of Cretaceous plume and convergence, and Early Tertiary tectonomagmatic quiescence on the central and southern Levant continental margin. 2010 , 167, 731-749	34
1025	Petrology and geodynamical interpretation of mantle xenoliths from Late Cretaceous lamprophyres, Villány Mts (S Hungary). 2010 , 489, 43-54	6
1024	Deep crustal structure beneath large igneous provinces and the petrologic evolution of flood basalts. 2010 , 11,	53
1023	Large igneous provinces (LIPs), giant dyke swarms, and mantle plumes: significance for breakup events within Canada and adjacent regions from 2.5 Ga to the Present This article is one of a selection of papers published in this Special Issue on the theme Lithoprobe Parameters, processes, and the evolution of a continent. Lithoprobe Contribution 1482. Geological Survey of Canada Contribution 20100072. 2010 , 47, 695-739	282
1022	Tectonic subsidence history and thermal evolution of the Orange Basin. 2010 , 27, 565-584	35
1021	Seismic imaging of Paleogene sediments of Kachchh Shelf (western Indian margin) and their correlation with sea-level fluctuations. 2010 , 27, 1166-1174	9
1020	Martian rifts: Structural geology and geophysics. 2010 , 294, 393-410	68
1019	Crustal intrusion beneath the Louisville hotspot track. 2010 , 289, 323-333	62
1018	Devil in the detail; The 1150–1000Ma magmatic and structural evolution of the Ngaanyatjarra Rift, west Musgrave Province, Central Australia. 2010 , 183, 572-588	48
1017	Sedimentary record of Late Neoproterozoic rifting in the NW Tarim Basin, China. 2010 , 181, 85-96	94
1016	Tracing the 850-Ma continental flood basalts from a piece of subducted continental crust in the North Qaidam UHPM belt, NW China. 2010 , 183, 805-816	159
1015	Dynamic models of continental rifting with melt generation. 2010 , 480, 33-47	40
1014	Three-dimensional gravity and magnetic modelling of the Irish sector of the NE Atlantic margin. 2010 , 486, 36-54	17
1013	Birth of a volcanic margin off Argentina, South Atlantic. 2010 , 11, n/a-n/a	59
1012	Geochemistry of Two Types of Basalts in the Emeishan Basaltic Province: Evidence for Mantle Plume-Lithosphere Interaction. 2010 , 76, 229-237	3

1011	Petrology, Mineralogy and Geochemistry of the Emeishan Continental Flood Basalts, SW China: Evidence for Activity of Mantle Plumes. 2010 , 78, 40-51	2
1010	Eruption of the Continental Flood Basalts at ~259 Ma in the Emeishan Large Igneous Province, SW China: Evidence from Laser Microprobe ⁴⁰ Ar/ ³⁹ Ar Dating. 2010 , 80, 514-521	1
1009	Quantifying extension of passive margins: Implications for sea level change. 2010 , 29, n/a-n/a	12
1008	Mantle heterogeneities and their significance: results from Lithoprobe seismic reflection and refraction [wide-angle reflection studies This article is one of a series of papers published in this Special Issue on the theme Lithoprobe [parameters, processes, and the evolution of a continent. Lithoprobe Contribution 1486. 2010 , 47, 409-443	17
1007	Quaternary post-collision alkaline volcanism NW of Ahar (NW Iran): geochemical constraints of fractional crystallization process. 2011 , 62, 547-562	16
1006	Chapter 6 Phanerozoic palaeoenvironment and palaeolithofacies maps of the Arctic region. 2011 , 35, 79-129	28
1005	Thin oceanic crust and flood basalts: India-Seychelles breakup. 2011 , 12, n/a-n/a	32
1004	Crustal thickness anomalies in the North Atlantic Ocean basin from gravity analysis. 2011 , 12, n/a-n/a	43
1003	Crustal breakup and continent-ocean transition at South Atlantic conjugate margins. <i>Journal of Geophysical Research</i> , 2011 , 116,	104
1002	Acceleration and deceleration of India-Asia convergence since the Cretaceous: Roles of mantle plumes and continental collision. <i>Journal of Geophysical Research</i> , 2011 , 116,	217
1001	The nature of the crust beneath the Afar triple junction: Evidence from receiver functions. 2011 , 12, n/a-n/a	114
1000	The crustal structure of the Alpha Ridge at the transition to the Canadian Polar Margin: Results from a seismic refraction experiment. <i>Journal of Geophysical Research</i> , 2011 , 116,	49
999	The Feeder System of the Deccan Traps (India): Insights from Dike Geochemistry. 2011 , 52, 315-343	93
998	Indian and African plate motions driven by the push force of the Réunion plume head. 2011 , 475, 47-52	182
997	Zircon U/Pb geochronology from the Paraná bimodal volcanic province support a brief eruptive cycle at ~ 135 Ma. 2011 , 281, 93-102	77
996	Mantle plumes and associated flow beneath Arabia and East Africa. 2011 , 302, 448-454	155
995	Crustal structure and composition of the Oslo Graben, Norway. 2011 , 304, 431-442	22
994	Pacific geoid anomalies revisited in light of thermochemical oscillating domes in the lower mantle. 2011 , 306, 123-135	23

993	Rifted Margins: Building Blocks of Later Collision. 2011 , 3-21	28
992	Linking mantle plumes, large igneous provinces and environmental catastrophes. 2011 , 477, 312-6	401
991	History of faulting and magmatism in the Galilee (Israel) and across the Levant continental margin inferred from potential field data. 2011 , 51, 264-284	27
990	Basement configuration of the JhagadiaBajpipla profile in the western part of Deccan syncline, India from travel-time inversion of seismic refraction and wide-angle reflection data. 2011 , 40, 40-51	11
989	Signatures of continental collisions and magmatic activity in central Brazil as indicated by a magnetotelluric profile across distinct tectonic provinces. 2011 , 185, 55-64	28
988	Transient convective uplift of an ancient buried landscape. 2011 , 4, 562-565	97
987	Hyperextension, serpentinization, and weakening: A new paradigm for rifted margin compressional deformation. 2011 , 39, 347-350	138
986	Large-scale flexuring and antithetic extensional faulting along a nascent plate boundary in the SE Afar rift. 2011 , 23, 416-420	13
985	The extension of the Vøring margin (NE Atlantic) in case of different degrees of magmatic underplating. 2011 , 23, 83-100	17
984	Continent-ocean-transition across a trans-tensional margin segment: off Bear Island, Barents Sea. 2011 , 184, 541-554	21
983	The crustal structure of the north-eastern Gulf of Aden continental margin: insights from wide-angle seismic data. 2011 , 184, 575-594	34
982	Lithosphere-asthenosphere interaction beneath Ireland from joint inversion of teleseismic P-wave delay times and GRACE gravity. 2011 , 184, 1379-1396	13
981	Velocity-depth ambiguity and the seismic structure of large igneous provinces: a case study from the Ontong Java Plateau. 2011 , 185, 1022-1036	18
980	The protracted development of the continent-ocean transition in Afar. 2011 , 4, 248-250	113
979	Passive margins of the North and Central Atlantic: A comparative study. 2011 , 45, 291-301	6
978	Middle-late Eocene structure of the southern Levant continental margin: Tectonic motion versus global sea-level change. 2011 , 499, 165-177	26
977	A simple continental rift classification. 2011 , 513, 88-95	56
976	Crustally-derived granites in the Panzihua region, SW China: Implications for felsic magmatism in the Emeishan large igneous province. 2011 , 123, 145-157	59

975	40Ar/39Ar ages of mafic dykes from the Mesoproterozoic Chhattisgarh basin, Bastar craton, Central India: Implication for the origin and spatial extent of the Deccan Large Igneous Province. 2011 , 125, 994-1005	29
974	Kimberlites, flood basalts and mantle plumes: New insights from the Deccan Large Igneous Province. 2011 , 107, 315-324	74
973	Evolution stages and petrology of the Kekuknai volcanic massif as reflecting the magmatism in Backarc zone of Kuril-Kamchatka island arc system. Part 1. Geological position and geochemistry of volcanic rocks. 2011 , 5, 312-334	16
972	Offshore Extension of Deccan Traps in Kachchh, Central Western India: Implications for Geological Sequestration Studies. 2011 , 20, 33-43	10
971	Multistage Evolution of Dolerites in the Karoo Large Igneous Province, Central South Africa. 2011 , 52, 959-984	95
970	Ocean circulation and mantle melting controlled by radial flow of hot pulses in the Iceland plume. 2011 , 4, 558-561	40
969	The Mid-Miocene East African Plateau: a pre-rift topographic model inferred from the emplacement of the phonolitic Yatta lava flow, Kenya. 2011 , 357, 285-300	14
968	Evolution of the Cenozoic East African rift system: Cratons, plumes, and continental breakup. 2012 , 132-162	4
967	Oligocene regional denudation of the northern Afar dome: Pre- and syn-breakup stages of the Afro-Arabian plate. 2012 , 124, 1871-1897	88
966	Petrogenesis of Cenozoic mafic-ultramafic alkaline lavas from the Tigris volcanic field, NE Syria. 2012 , 149, 1-18	7
965	Mapping crustal thickness and oceanic lithosphere distribution in the Eastern Mediterranean using gravity inversion. 2012 , 18, 373-380	37
964	Uplift prior to continental breakup: Indication for removal of mantle lithosphere?. 2012 , 8, 1078-1085	28
963	Picrites from the Emeishan Large Igneous Province, SW China: a Compositional Continuum in Primitive Magmas and their Respective Mantle Sources. 2012 , 53, 2095-2113	109
962	Silicic pyroclastic deposits at the base of the Paleogene Skye Lava Field: Evidence from An Carnach, Strathaird Peninsula. 2012 , 48, 133-141	2
961	Geochemistry and paleomagnetism of Late Cretaceous mafic dikes in Kerala, southwest coast of India in relation to large igneous provinces and mantle plumes in the Indian Ocean region. 2012 , 124, 240-255	25
960	Palaeogene Alpine tectonics and Icelandic plume-related magmatism and deformation in Northern Ireland. 2012 , 169, 29-36	32
959	Crustal Structure across the Northwestern Margin of South China Sea: Evidence for Magma-poor Rifting from a Wide-angle Seismic Profile. 2012 , 86, 854-866	31
958	A review of Australia's Large Igneous Provinces and associated mineral systems: Implications for mantle dynamics through geological time. 2012 , 48, 2-54	66

957	Crustal structure of central Norway and Sweden from integrated modelling of teleseismic receiver functions and the gravity anomaly. 2012 , 191, 1-11	29
956	Insights from the Jan Mayen system in the Norwegian-Greenland Sea-II. Architecture of a microcontinent. 2012 , 191, 413-435	24
955	Insights from the Jan Mayen system in the Norwegian-Greenland sea-I. Mapping of a microcontinent. 2012 , 191, 385-412	36
954	Southern Ocean Deep Benthic Biodiversity. 2012 , 291-334	7
953	Geochemistry and geochronology of the c. 1585Ma Benagerie Volcanic Suite, southern Australia: Relationship to the Gawler Range Volcanics and implications for the petrogenesis of a Mesoproterozoic silicic large igneous province. 2012 , 206-207, 17-35	36
952	Hotspot trails in the South Atlantic controlled by plume and plate tectonic processes. 2012 , 5, 735-738	62
951	Eocene post-rift tectonostratigraphy of the Rockall Plateau, Atlantic margin of NW Britain: Linking early spreading tectonics and passive margin response. 2012 , 30, 98-125	17
950	Permian high Ti/Y basalts from the eastern part of the Emeishan Large Igneous Province, southwestern China: Petrogenesis and tectonic implications. 2012 , 47, 216-230	65
949	Petrogenesis of lamprophyres from Chhota Udepur area, Narmada rift zone, and its relation to Deccan magmatism. 2012 , 45, 24-39	19
948	ReOs isotope and highly siderophile element systematics of the Paran continental flood basalts (Brazil). 2012 , 337-338, 164-173	60
947	Age, geochemical characteristics and petrogenesis of Late Cenozoic intraplate alkali basalts in the Lutistan region, eastern Iran. 2012 , 306-307, 40-53	75
946	OsHf isotopic insight into mantle plume dynamics beneath the East African Rift System. 2012 , 320-321, 66-79	26
945	From rifts to passive margins. 2012 , 18-31	1
944	Phanerozoic volcanism. 2012 , 40-74	1
943	Reconstruction of Eastern Gondwanaland Breakup and Evolution of the Passive Continental Margin of India. 2012 , 59, 23-56	
942	Anorogenic plateau formation: The importance of density changes in the lithosphere. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	7
941	Variations in amount and direction of seafloor spreading along the northeast Atlantic Ocean and resulting deformation of the continental margin of northwest Europe. 2012 , 31, n/a-n/a	20
940	Birth of an ocean in the Red Sea: Initial pangs. 2012 , 13, n/a-n/a	61

939	Seismic tomography of Shatsky Rise by adaptive importance sampling. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	50
938	Plume scar in the mantle lithosphere beneath the Seychelles revealed by seismic imaging. 2012 , 355-356, 20-31	10
937	Post-kinematic lithospheric delamination of the Wuyi-Xunkai orogen in South China: Evidence from ca. 435Ma high-Mg basalts. 2012 , 154, 115-129	103
936	IGCP Project 510 A-type Granites and Related Rocks through Time—Project vita, results, and contribution to granite research. 2012 , 151, 1-16	91
935	WITHDRAWN: 3D crustal architecture of a magma-poor passive margin, Santos, Campos and Espírito Santo Basins [Comparisons with a volcanic passive margin, Pelotas Basin] [Offshore Brazil. 2012 ,	
934	Volcanism in the Afar Rift sustained by decompression melting with minimal plume influence. 2012 , 5, 406-409	81
933	Post-Rift Deformation of the North East and South Atlantic Margins: Are Passive Margins Really Passive?. 2012 , 249-269	2
932	Continental Rift Basins: The East African Perspective. 2012 , 183-208	20
931	Opening and evolution of the South China Sea constrained by studies on volcanic rocks: Preliminary results and a research design. 2012 , 57, 3150-3164	85
930	From rifting to oceanic spreading in the Gulf of Aden: a synthesis. 2012 , 5, 859-901	96
929	Imprints of volcanism in the upper mantle beneath the NW Deccan volcanic province. 2012 , 4, 150-159	15
928	The NE Atlantic conjugate margins. 2012 , 140-201	21
927	The northern boundary of the Jan Mayen microcontinent, North Atlantic determined from ocean bottom seismic, multichannel seismic, and gravity data. 2012 , 33, 55-76	22
926	Miocene to recent alkaline volcanism between Al Haruj and Waw an Namous (southern Libya). 2012 , 101, 1047-1063	31
925	Amphibolites from the Szklarska Poręba hornfels belt, West Sudetes, SW Poland: magma genesis and implications for the break-up of Gondwana. 2012 , 101, 1253-1272	4
924	Geochemistry and Sr-Nd-Bb isotopic composition of the Harrat Al-Madinah Volcanic Field, Saudi Arabia. 2012 , 21, 670-689	64
923	The crustal structure of the southern Argentine margin. 2012 , 189, 1483-1504	29
922	The crustal structure of southern Baffin Bay: implications from a seismic refraction experiment. 2012 , 190, 37-58	45

921	Three dimensional lithospheric structure of the western continental margin of India constrained from gravity modelling: implication for tectonic evolution. 2012 , 190, 131-150	21
920	Geochronological and geochemical results from Mesozoic basalts in southern South China Block support the flat-slab subduction model. 2012 , 132-133, 127-140	103
919	Conditions of melting beneath the Azores. 2012 , 144-145, 1-11	44
918	Shallow anatomy of a continent-ocean transition zone in the northern South China Sea from multichannel seismic data. 2012 , 554-557, 18-29	49
917	New data on heat flow in the North Atlantic Region. 2012 , 442, 91-96	1
916	Petrogenesis of the Mesoproterozoic (1.23 Ga) Sudbury dyke swarm and its questionable relationship to plate separation. 2012 , 101, 3-23	17
915	Crustal Structure of the Flood Basalt Province of Ethiopia from Constrained 3-D Gravity Inversion. 2013 , 170, 2185-2206	9
914	5.5 Tectonic Geomorphology of Passive Margins and Continental Hinterlands. 2013 , 71-92	9
913	Magnetotelluric evidence for layered mafic intrusions beneath the Vøring and Exmouth rifted margins. 2013 , 220, 1-10	19
912	Inland extent of the Weddell Sea Rift imaged by new aerogeophysical data. 2013 , 585, 137-160	55
911	Gas chemistry of the Dallol region of the Danakil Depression in the Afar region of the northern-most East African Rift. 2013 , 339, 16-29	50
910	Geochemistry of the late phanerozoic mafic dykes from the Moyar shear zone, South India, and its implications on the spatial extent of Deccan Large Igneous Province. 2013 , 6, 3281-3291	2
909	Development peculiarities of the magmatism synchronous to the formation of the North Atlantic passive margins. 2013 , 47, 75-92	4
908	Geochemical evolution of Indian Ocean basaltic magmatism. 2013 , 51, 599-622	5
907	Colorado Basin 3D structure and evolution, Argentine passive margin. 2013 , 604, 264-279	25
906	Structural features of the Southwest African continental margin according to results of lithosphere-scale 3D gravity and thermal modelling. 2013 , 604, 104-121	31
905	Geochronology and petrology of the Early Carboniferous Misho Mafic Complex (NW Iran), and implications for the melt evolution of Paleo-Tethyan rifting in Western Cimmeria. 2013 , 162-163, 264-278	64
904	Cenozoic Deep-Sea Circulation: Evidence from Deep-Sea Benthic Foraminifera. 2013 , 141-166	42

903	Tectonic framework of Laccadive Ridge in Western Continental Margin of India. 2013 , 346, 79-90	13
902	The Columbia River Flood Basalt Province: Current Status. 2013 , 1-27	30
901	Evolution of the Red Sea Volcanic Margin, Western Yemen. 2013 , 29-43	6
900	The North Atlantic Igneous Province. 2013 , 45-93	151
899	Cretaceous Basalts in Madagascar and the Transition Between Plume and Continental Lithosphere Mantle Sources. 2013 , 95-122	32
898	Rajmahal Basalts, Eastern India: Mantle Sources and Melt Distribution at a Volcanic Rifted Margin. 2013 , 145-182	36
897	The Paraná-Etendeka Province. 2013 , 217-245	99
896	Stratigraphy and Age of Karoo Basalts of Lesotho and Implications for Correlations Within the Karoo Igneous Province. 2013 , 247-272	39
895	Giant Radiating Dyke Swarms: Their Use in Identifying Pre-Mesozoic Large Igneous Provinces and Mantle Plumes. 2013 , 297-333	84
894	Flood Basalts and Magmatic Ni, Cu, and PGE Sulphide Mineralization: Comparative Geochemistry of the Noril'sk (Siberian Traps) and West Greenland Sequences. 2013 , 357-380	24
893	Emplacement of Continental Flood Basalt Lava Flows. 2013 , 381-410	95
892	Large Igneous Provinces: A Planetary Perspective. 2013 , 411-438	23
891	Petrological constraints on melt generation beneath the Asal Rift (Djibouti) using quaternary basalts. 2013 , 14, 2932-2953	12
890	The development of extension and magmatism in the Red Sea rift of Afar. 2013 , 607, 98-114	54
889	Tectono-stratigraphic evolution of the northern Levant Basin (offshore Lebanon). 2013 , 48, 392-410	62
888	Denudation history of Eastern Indian peninsula from apatite fission track analysis: Linking possible plume-related uplift and the sedimentary record. 2013 , 608, 1413-1428	10
887	Simple shear detachment fault system and marginal grabens in the southernmost Red Sea rift. 2013 , 608, 1268-1279	13
886	The effect of thermal weakening and buoyancy forces on rift localization: Field evidences from the Gulf of Aden oblique rifting. 2013 , 607, 80-97	31

885	Why is Svalbard an island? Evidence for two-stage uplift, magmatic underplating, and mantle thermal anomalies. 2013 , 32, 473-486	27
884	Geochemistry and geodynamics of the Mawat mafic complex in the Zagros Suture zone, northeast Iraq. 2013 , 5,	6
883	The intraplate character of supercontinent tectonics. 2013 , 24, 807-814	44
882	In situ UPb age determination and SrNd isotopic analysis of perovskite from the Premier (Cullinan) kimberlite, South Africa. 2013 , 353, 83-95	35
881	Integrated tectonic basin modelling as an aid to understanding deep-water rifted continental margin structure and location. 2013 , 19, 65-88	18
880	Geochemical evidence of mantle reservoir evolution during progressive rifting along the western Afar margin. 2013 , 102, 65-88	43
879	Zircon ages of metamorphic and magmatic rocks within peridotite-bearing mlanges: Crucial time constraints on early Carboniferous extensional tectonics in the Chinese Tianshan. 2013 , 172-173, 243-266	19
878	The Moho in extensional tectonic settings: Insights from thermo-mechanical models. 2013 , 609, 558-604	38
877	The crustal structure of the Central Mozambique continental margin [Wide-angle seismic, gravity and magnetic study in the Mozambique Channel, Eastern Africa. 2013 , 599, 170-196	46
876	Magmatism-dominated intracontinental rifting in the Mesoproterozoic: The Ngaanyatjarra Rift, central Australia. 2013 , 24, 886-901	14
875	The Iceland-Ian Mayen plume system and its impact on mantle dynamics in the North Atlantic region: Evidence from full-waveform inversion. 2013 , 367, 39-51	173
874	MESOZOIC MAGMATISM IN THE FALKLAND ISLANDS (SOUTH ATLANTIC) AND THEIR OFFSHORE SEDIMENTARY BASINS. 2013 , 36, 61-73	20
873	From back-arc to rifted margin: Geochemical and Nd isotopic records in Neoproterozoic?-Cambrian metabasites of the Bystrzyckie and Orlickie Mountains (Sudetes, SW Poland). 2013 , 23, 1104-1121	17
872	Mechanics of mafic dyke swarms in the Deccan Large Igneous Province: Palaeostress field modelling. 2013 , 66, 79-91	44
871	Large igneous provinces and silicic large igneous provinces: Progress in our understanding over the last 25 years. 2013 , 125, 1053-1078	193
870	Rifting, lithosphere breakup and volcanism: Comparison of magma-poor and volcanic rifted margins. 2013 , 43, 63-87	336
869	Revised tectonic evolution of the Eastern Indian Ocean. 2013 , 14, 1891-1909	76
868	Melting during late-stage rifting in Afar is hot and deep. 2013 , 499, 70-3	67

867	Sr-Nd-Bb isotopic constraints on the nature of the mantle sources involved in the genesis of the high-Ti tholeiites from northern Paraná Continental Flood Basalts (Brazil). 2013 , 46, 9-25	62
866	Pre-rift tectonic scenario of the Eo-Cretaceous Gondwana break-up along SE Brazil/SW Africa: insights from tholeiitic mafic dyke swarms. 2013 , 369, 11-40	23
865	Upwelling, rifting, and age-progressive magmatism from the Oki-Daito mantle plume. 2013 , 41, 1011-1014	52
864	. 2013 , 9, 1201	16
863	Continental flood basalts of the Huashan Group, northern margin of the Yangtze block – implications for the breakup of Rodinia. 2013 , 55, 1865-1884	21
862	Buoyancy and localizing properties of continental mantle lithosphere: Insights from thermomechanical models of the eastern Gulf of Aden. 2013 , 14, 2800-2817	26
861	Cenozoic reactivation of the Great Glen Fault, Scotland: additional evidence and possible causes. 2013 , 170, 403-415	23
860	Intrusive large igneous provinces below sedimentary basins: An example from the Exmouth Plateau (NW Australia). 2013 , 118, 4477-4487	27
859	The emplacement of a large, chemically zoned, rheomorphic, lava-like ignimbrite: the Sgurr of Eigg Pitchstone, NW Scotland. 2013 , 170, 753-767	11
858	The Davis Strait crustal transform margin between two oceanic basins. 2013 , 193, 78-97	25
857	Mantle upwelling and initiation of rift segmentation beneath the Afar Depression. 2013 , 41, 635-638	63
856	Architecture of rifted continental margins and break-up evolution: insights from the South Atlantic, North Atlantic and Red Sea/Gulf of Aden conjugate margins. 2013 , 369, 497-535	40
855	Rifting, subsidence and continental break-up above a mantle plume in the central South Atlantic. 2013 , 369, 185-214	33
854	Crustal-scale architecture and segmentation of the South Atlantic volcanic margin. 2013 , 369, 167-183	18
853	The links between large igneous provinces, continental break-up and environmental change: evidence reviewed from Antarctica. 2013 , 104, 17-30	36
852	Kinematics of the South Atlantic rift. 2013 , 4, 215-253	210
851	The formation of a failed continental breakup basin: The Cenozoic development of the Faroe-Shetland Basin. 2013 , 25, 532-553	17
850	Geochronology-geochemistry of the Cida bimodal intrusive complex, central Emeishan large igneous province, southwest China: petrogenesis and plume-lithosphere interaction. 2013 , 55, 88-114	13

849	The Lithospheric Setting of the West Antarctic Ice Sheet. 2013 , 29-44	11
848	Low shear velocities in the sub-lithospheric mantle beneath the Indian shield?. 2013 , 118, 1142-1155	6
847	Thick evaporites and early rifting in the Guaymas Basin, Gulf of California. 2013 , 41, 283-286	29
846	The Life Cycle of Indian Ocean Hotspots. 2013 , 91-103	15
845	Análise Regional Geofísica e Geologica das Estruturas Profundas na Bacia de Santos. 2013 ,	0
844	The Influence of Mantle Plumes in Generation of Indian Oceanic Crust. 2013 , 57-89	15
843	Mesozoic Paleoenvironment of the Rifted Margin off NW Australia (ODP Legs 122/123). 2013 , 157-184	7
842	Tomographic imaging of sub-basalt Mesozoic sediments and shallow basement configuration for hydrocarbon potential below the Deccan Volcanic Province (DVP) of India. 2013 ,	0
841	Emplacement and Subsidence of Indian Ocean Plateaus and Submarine Ridges. 2013 , 115-125	20
840	Two distinct shear wave splitting directions in the northwestern Deccan Volcanic Province. 2013 , 118, 5487-5499	20
839	The West Antarctic Rift System: A Review of Geophysical Investigations. 2013 , 67-112	7
838	Volcanotectonic evolution of central Jordan: Evidence from the Shihan Volcano. 2014 , 100, 541-553	4
837	Mantle plumes at the boundary of the upper and lower mantle. 2014 , 459, 1397-1399	4
836	Tomographic imaging of sub-basalt Mesozoic sediments and shallow basement geometry for hydrocarbon potential below the Deccan Volcanic Province (DVP) of India. 2014 , 199, 296-314	7
835	Making faults run backwards: the Wilson Cycle and ore deposits. 2014 , 51, 266-271	2
834	Constraining Cenozoic exhumation in the Faroe-Shetland region using sonic transit time data. 2014 , 26, 38-72	16
833	Relation between alternations of uplift and subsidence revealed by Late Cenozoic fluvial sequences and physical properties of the continental crust. 2014 , 43, 505-527	19
832	The FaroeShetland Basin: a regional perspective from the Paleocene to the present day and its relationship to the opening of the North Atlantic Ocean. 2014 , 397, 11-31	31

831	Asymmetry of high-velocity lower crust on the South Atlantic rifted margins and implications for the interplay of magmatism and tectonics in continental breakup. 2014 , 5, 1011-1026	29
830	Sr, Nd, Pb and Os Isotope Systematics of CAMP Tholeiites from Eastern North America (ENA): Evidence of a Subduction-enriched Mantle Source. 2014 , 55, 133-180	58
829	The Emeishan large igneous province: A synthesis. 2014 , 5, 369-394	202
828	The origin of the asymmetry in the Iceland hotspot along the Mid-Atlantic Ridge from continental breakup to present-day. 2014 , 392, 143-153	21
827	The East Africa Oligocene intertrappean beds: Regional distribution, depositional environments and Afro/Arabian mammal dispersals. 2014 , 99, 463-489	48
826	Sedimentological and stratigraphic evolution of northern Lebanon since the Late Cretaceous: implications for the Levant margin and basin. 2014 , 7, 1323-1349	22
825	Petrogenetic evolution of basaltic lavas from Balhaf-Bir Ali Plio-Quaternary volcanic field, Arabian Sea, Republic of Yemen. 2014 , 7, 69-86	5
824	Geochronological, geochemical, and Sr-Nd-Hf isotopic studies of the Baiyanghe A-type granite porphyry in the Western Junggar: Implications for its petrogenesis and tectonic setting. 2014 , 25, 1554-1569	33
823	A common parentage for Deccan Continental Flood Basalt and Central Indian Ocean Ridge Basalt? A geochemical and isotopic approach. 2014 , 84, 188-200	5
822	Combined gravity and magnetic modeling over Pavagadh and Phenaimata igneous complexes, Gujarat, India: Inference on emplacement history of Deccan volcanism. 2014 , 80, 119-133	18
821	Mantle origin of the Emeishan large igneous province (South China) from the analysis of residual gravity anomalies. 2014 , 204, 4-13	25
820	The Early Permian Tarim Large Igneous Province: Main characteristics and a plume incubation model. 2014 , 204, 20-35	160
819	Structure of the Earth's crust and tectonic evolution history of the Southern Indian Ocean (Antarctica). 2014 , 48, 5-23	20
818	Tectono-stratigraphic framework of Neoproterozoic to Cambrian strata, west-central U.S.: Protracted rifting, glaciation, and evolution of the North American Cordilleran margin. 2014 , 136, 59-95	113
817	Petrology and geochemistry of high-titanium and low-titanium mafic dykes from the Damodar valley, Chhotanagpur Gneissic Terrain, eastern India and their relation to Cretaceous mantle plume(s). 2014 , 84, 34-50	19
816	Magma flow in dyke swarms of the Karoo LIP: Implications for the mantle plume hypothesis. 2014 , 25, 736-755	71
815	Flood basalt hosted palaeosols: Potential palaeoclimatic indicators of global climate change. 2014 , 5, 791-799	11
814	Early opening of Australia and Antarctica: New inferences and regional consequences. 2014 , 636, 244-256	9

813	Lower crustal bodies in the Me volcanic rifted margin: Geophysical determination and geological implications. 2014 , 636, 143-157	35
812	Dynamics of the Mount Nyiragongo lava lake. 2014 , 119, 4106-4122	30
811	A new interpretation of the sedimentary environment before and during eruption of the Emeishan LIP, Southwest China. 2014 , 56, 1295-1313	5
810	Review of the chronostratigraphic charts in the Sin ² San Jacinto basin based on new seismic stratigraphic interpretations. 2014 , 56, 139-169	11
809	Geochemical characteristics and new eruption ages of ruby-related basalts from southeast Kenya. 2014 , 25, 799-821	5
808	Repeated kimberlite magmatism beneath Yakutia and its relationship to Siberian flood volcanism: Insights from in situ U ^{Bb} and Sr Nd perovskite isotope analysis. 2014 , 404, 283-295	72
807	Intracontinental deformation in southern Africa during the Late Cretaceous. 2014 , 100, 20-41	37
806	Volcanic rift margin model for the rift-to-drift setting of the late Neoproterozoic-early Cambrian eastern margin of Laurentia: Chilhowee Group of the Appalachian Blue Ridge. 2014 , 126, 201-218	13
805	U-Pb geochronology of 1.1 Ga diabase in the southwestern United States: Testing models for the origin of a post-Grenville large igneous province. 2014 , 6, 135-156	48
804	Linking rift propagation barriers to excess magmatism at volcanic rifted margins. 2014 , 42, 1071-1074	45
803	Geochemical and mineralogical studies of chlorine-rich amphibole and biotite from the 2.5 Ga mid-crustal basement beneath the 1993 Killari earthquake region, Maharashtra: Evidence for mantle metasomatism beneath the Deccan Trap. 2014 , 83, 599-612	22
802	The geochemical criteria to distinguish continental basalts from arc related ones. 2014 , 139, 195-212	66
801	Structure and evolution of the lunar Procellarum region as revealed by GRAIL gravity data. 2014 , 514, 68-71	62
800	Near N ^B paleo-extension in the western Deccan region, India: Does it link strike-slip tectonics with India ^B eychelles rifting?. 2014 , 103, 1645-1680	87
799	Advances and challenges in geotectonic modelling. 2014 , 185, 147-168	3
798	Petrogenesis of the flood basalts from the Early Permian Panjal Traps, Kashmir, India: Geochemical evidence for shallow melting of the mantle. 2014 , 204, 159-171	63
797	Seismic constraints of the formation process on the back-arc basin in the southeastern Japan Sea. 2014 , 119, 1563-1579	32
796	Continental transform ^{ft} interaction adjacent to a continental margin: The Levant case study. 2014 , 139, 83-103	24

795	Formation of plate boundaries: The role of mantle volatilization. 2014 , 129, 85-99	9
794	A review of Wilson Cycle plate margins: A role for mantle plumes in continental break-up along sutures?. 2014 , 26, 627-653	157
793	No pre-eruptive uplift in the Emeishan large igneous province: New evidences from its inner zone in Dali area, Southwest China. 2014 , 269, 57-67	17
792	Basement characteristics along South West Indian Margin. 2014 , 41, 68-73	0
791	Geodynamic modeling of the South Pacific superswell. 2014 , 229, 24-39	25
790	The Central Atlantic Magmatic Province extends into Bolivia. 2014 , 188, 33-43	32
789	The rifting to spreading transition in the Red Sea. 2014 , 395, 217-230	66
788	Crustal velocity structure beneath Saurashtra, NW India, through waveform modeling: Implications for magmatic underplating. 2014 , 79, 173-181	16
787	Magnetostratigraphy and ⁴⁰ Ar/ ³⁹ Ar geochronology of the Malwa Plateau region (Northern Deccan Traps), central western India: Significance and correlation with the main Deccan Large Igneous Province sequences. 2014 , 89, 28-45	37
786	Synsedimentary-tectonic, soft-sediment deformation and volcanism in the rifted Tethyan margin from the Upper Triassic/Middle Jurassic deep-water carbonates in Central Sicily. 2014 , 308, 63-79	26
785	Geophysical characterization of the Azimuth 125° lineament with aeromagnetic data: Contributions to the geology of central Brazil. 2014 , 249, 273-287	8
784	Structural control on magmatism along divergent and convergent plate boundaries: Overview, model, problems. 2014 , 136, 226-288	54
783	Late Carboniferous crustal uplift of the Tarim plate and its constraints on the evolution of the Early Permian Tarim Large Igneous Province. 2014 , 204, 36-46	27
782	Geochemistry and petrogenesis of lava flows around Linga, Chhindwara area in the Eastern Deccan Volcanic Province (EDVP), India. 2014 , 91, 174-193	11
781	Deep crustal structure of the northeastern Gulf of Mexico: Implications for rift evolution and seafloor spreading. 2014 , 119, 6802-6822	50
780	Crustal and upper mantle structure beneath south-western margin of the Arabian Peninsula from teleseismic tomography. 2014 , 15, 2850-2864	16
779	Continental breakup and UHP rock exhumation in action: GPS results from the Woodlark Rift, Papua New Guinea. 2014 , 15, 4267-4290	42
778	Influence of igneous sills on Paleocene turbidite deposition in the Faroe/Bhetland Basin: a case study in Flett and Muckle sub-basin and its implication for hydrocarbon exploration. 2014 , 397, 33-57	5

- 777 No thermal anomalies in the mantle transition zone beneath an incipient continental rift: evidence from the first receiver function study across the Okavango Rift Zone, Botswana. **2015**, 202, 1407-1418 19
- 776 Cenozoic extension in the Kenya Rift from low-temperature thermochronology: Links to diachronous spatiotemporal evolution of rifting in East Africa. **2015**, 34, 2367-2386 16
- 775 A random-walk algorithm for modeling lithospheric density and the role of body forces in the evolution of the Midcontinent Rift. **2015**, 16, 4084-4107 13
- 774 Supercontinental inheritance and its influence on supercontinental breakup: The Central Atlantic Magmatic Province and the breakup of Pangea. **2015**, 16, 3532-3554 59
- 773 Varying styles of magmatic strain accommodation across the East African Rift. **2015**, 16, 2775-2795 53
- 772 Volcanic passive margins: another way to break up continents. **2015**, 5, 14828 61
- 771 Conjugate rifted margins width and asymmetry: The interplay between lithospheric strength and thermomechanical processes. **2015**, 120, 8672-8700 57
- 770 The origin of along-rift variations in faulting and magmatism in the Ethiopian Rift. **2015**, 34, 464-477 57
- 769 Geophysical evidence for the extent of crustal types and the type of margin along a profile in the northeastern Baffin Bay. **2015**, 120, 7337-7360 10
- 768 The electrical resistivity structure of lithosphere across the Dharwar craton nucleus and Coorg block of South Indian shield: Evidence of collision and modified and preserved lithosphere. **2015**, 120, 6698-6721 32
- 767 Mechanism of crustal extension in the Laxmi Basin, Arabian Sea. **2015**, 6, 409-422 19
- 766 Post break-up tectonic inversion across the southwestern cape of South Africa: New insights from apatite and zircon fission track thermochronometry. **2015**, 654, 30-55 56
- 765 Lithospheric structure of the Texas-Gulf of Mexico passive margin from surface wave dispersion and migrated Ps receiver functions. **2015**, 16, 2221-2239 9
- 764 Crust beneath the northwestern Deccan Volcanic Province, India: Evidence for uplift and magmatic underplating. **2015**, 120, 3385-3405 35
- 763 Integrating Paleobotanical, Paleosol, and Stratigraphic Data to Study Critical Transitions: A Case Study From The Late CretaceousPaleocene Of India. **2015**, 21, 137-166 14
- 762 Composition of the Tarim mantle plume: Constraints from clinopyroxene antecrysts in the early Permian Xiaohaizi dykes, NW China. **2015**, 230, 69-81 22
- 761 The Dynamics of Continental Breakup and Extension. **2015**, 325-379 8
- 760 Geology of Ethiopia: A Review and Geomorphological Perspectives. **2015**, 33-64 47

759	Crust and Lithospheric Structure - Global Crustal Structure. 2015 , 339-390	16
758	Constraints on the Statherian evolution of the intraplate rifting in a Paleo-Mesoproterozoic paleocontinent: New stratigraphic and geochronology record from the eastern SEo Francisco craton. 2015 , 28, 668-688	48
757	Integrated outcrop, 3D seismic, and geochronologic interpretation of Red Sea dike-related deformation in the Western Desert, Egypt [The role of the 23 Ma Cairo [himi-plume]] 2015 , 109, 107-119	52
756	Volcano-sedimentary characteristics in the Abu Treifiya Basin, Cairo[uez District, Egypt: Example of dynamics and fluidization over sedimentary and volcanoclastic beds by emplacement of syn-volcanic basaltic rocks. 2015 , 308, 158-178	3
755	Upper mantle structure of the southern Arabian margin: Insights from teleseismic tomography. 2015 , 11, 1262-1278	11
754	Regional controls on Lower Tertiary sandstone distribution in the North Sea and NE Atlantic margin basins. 2015 , 403, 17-42	24
753	Precursory signatures in the visibility graph analysis of seismicity: An application to the Kachchh (Western India) seismicity. 2015 , 85-86, 195-200	14
752	Vp/Vs-ratios and anisotropy on the northern Jan Mayen Ridge, North Atlantic, determined from ocean bottom seismic data. 2015 , 9, 293-310	7
751	Complex rift geometries resulting from inheritance of pre-existing structures: Insights and regional implications from the Barmer Basin rift. 2015 , 71, 136-154	33
750	Mantle plumes, supercontinents, intracontinental rifting and mineral systems. 2015 , 259, 243-261	61
749	Is the Proterozoic Ladoga Rift (SE Baltic Shield) a rift?. 2015 , 259, 34-42	4
748	Intracontinental anorogenic alkaline magmatism and carbonatites, associated mineral systems and the mantle plume connection. 2015 , 27, 1181-1216	77
747	The anticorrelated velocities of Africa and India in the Late Cretaceous and early Cenozoic. 2015 , 200, 227-243	38
746	Are Early Cretaceous environmental changes recorded in deposits of the Western part of the Silesian Nappe? A geochemical approach. 2015 , 417, 293-308	6
745	Neogene to Quaternary basalts of the Jabal Eghei (Nuqay) area (south Libya): Two distinct volcanic events or continuous volcanism with gradual shift in magma composition?. 2015 , 293, 57-74	10
744	The Etendeka Plateau. 2015 , 73-75	
743	Southern Plateau and Itaimbezinho Canyon. 2015 , 309-318	0
742	Spatial variability of 10 Be-derived erosion rates across the southern Peninsular Indian escarpment: A key to landscape evolution across passive margins. 2015 , 425, 154-167	49

- 741 Multiple sources for volcanic rocks dredged from the Western Australian rifted margin. **2015**, 368, 42-57 11
- 740 Paleoproterozoic (ca. 2.1–2.0 Ga) arc magmatism in the Fuping Complex: Implications for the tectonic evolution of the Trans-North China Orogen. **2015**, 268, 16-32 59
- 739 Neoproterozoic intraplate crustal accretion on the northern margin of the Yangtze Block: Evidence from geochemistry, zircon SHRIMP U–Pb dating and Hf isotopes from the Fuchashan Complex. **2015**, 268, 97-114 22
- 738 Crustal velocity structure of the Neoproterozoic convergence zone between the eastern and western blocks of Dharwar Craton, India from seismic wide-angle studies. **2015**, 266, 282-295 26
- 737 Crustal structure of northwest Namibia: Evidence for plume-rift-continent interaction. **2015**, 43, 739-742 25
- 736 The 2011–2012 submarine eruption off El Hierro, Canary Islands: New lessons in oceanic island growth and volcanic crisis management. **2015**, 150, 168-200 19
- 735 Magma-induced axial subsidence during final-stage rifting: Implications for the development of seaward-dipping reflectors. **2015**, 11, 563-571 25
- 734 Evolution of temperature, maturation level and realization of hydrocarbon potential in subtrappean sedimentary complex of the Bombay offshore [Results of 1-D basin modeling]. **2015**, 67, 804-815 4
- 733 Delineating the Exmouth mantle plume (NW Australia) from denudation and magmatic addition estimates. **2015**, 7, 589-600 20
- 732 Hotspots, Large Igneous Provinces, and Melting Anomalies. **2015**, 393-459 9
- 731 Style of rifting and the stages of Pangea breakup. **2015**, 34, 1009-1029 112
- 730 Triggering of the largest Deccan eruptions by the Chicxulub impact. **2015**, 127, 1507-1520 115
- 729 Permian doleritic dikes in the Beishan Orogenic Belt, NW China: Asthenosphere–lithosphere interaction in response to slab break-off. **2015**, 233, 174-192 40
- 728 Volcanic complexes on Venus: Distribution, age, mechanisms of origin, and evolution. **2015**, 23, 127-149 2
- 727 The Red Sea 50 years of geological and geophysical research. **2015**, 147, 109-140 31
- 726 Platinum-group element signatures in the North Atlantic Igneous Province: Implications for mantle controls on metal budgets during continental breakup. **2015**, 233, 89-110 20
- 725 Low-buoyancy thermochemical plumes resolve controversy of classical mantle plume concept. **2015**, 6, 6960 47
- 724 Yellowstone plume trigger for Basin and Range extension, and coeval emplacement of the Nevada–Columbia Basin magmatic belt. **2015**, 11, 203-225 22

723	Petrological and geochemical characteristics of Mesoproterozoic dyke swarms in the Gardar Province, South Greenland: Evidence for a major sub-continental lithospheric mantle component in the generation of the magmas. 2015 , 79, 909-939	24
722	Introduction: Anatomy of rifting: Tectonics and magmatism in continental rifts, oceanic spreading centers, and transforms. 2015 , 11, 1256-1261	6
721	Geophysical characteristics of the Hupijiao Rise and their implication to Miocene volcanism in the northeastern part of the East China Sea. 2015 , 363, 134-145	8
720	Determining the COB location along the Iberian margin and Galicia Bank from gravity anomaly inversion, residual depth anomaly and subsidence analysis. 2015 , 203, 1355-1372	18
719	The crustal architecture of the Faroe-Shetland Basin: insights from a newly merged gravity and magnetic dataset. 2015 , 421, 169-196	1
718	Late Paleozoic Woniusi basaltic province from Sibumasu terrane: Implications for the breakup of eastern Gondwana's northern margin. 2015 , 127, 1313-1330	56
717	Is spreading prolonged, episodic or incipient in the Andaman Sea? Evidence from deepwater sedimentation. 2015 , 98, 446-456	51
716	South Atlantic opening: A plume-induced breakup?. 2015 , 43, 931-934	42
715	Petrogenesis of the Early Cretaceous Laguila bimodal intrusive rocks from the Tethyan Himalaya: Implications for the break-up of Eastern Gondwana. 2015 , 236-237, 190-202	41
714	The 600-80Ma continental rift basalts in North Qilian Shan, northwest China: Links between the Qilian-Qaidam block and SE Australia, and the reconstruction of East Gondwana. 2015 , 257, 47-64	44
713	From continental rifting to seafloor spreading: Insight from 3D thermo-mechanical modeling. 2015 , 28, 1329-1343	38
712	Tectonics and melting in intra-continental settings. 2015 , 27, 196-208	54
711	Late Paleoproterozoic geodynamics of the North China Craton: Geochemical and zircon U-Pb-Hf records from a volcanic suite in the Yanliao rift. 2015 , 27, 300-325	63
710	Latest Cretaceous Himalayan tectonics: Obduction, collision or Deccan-related uplift?. 2015 , 28, 165-178	34
709	Mantle temperature as a control on the time scale of thermal evolution of extensional basins. 2015 , 409, 61-70	15
708	Lead isotope constraints on the mantle sources involved in the genesis of Mesozoic high-Ti tholeiite dykes (Urubici type) from the São Francisco Craton (Southern Espinhaço, Brazil). 2016 , 46, 105-122	11
707	M. 2016 , 325-360	
706	References. 2016 , 589-606	

705	Why is Africa rifting?. 2016 , 420, 11-30	17
704	Plume-orogenic lithosphere interaction recorded in the Haladala layered intrusion in the Southwest Tianshan Orogen, NW China. 2016 , 121, 1525-1545	16
703	High water content in primitive continental flood basalts. 2016 , 6, 25416	18
702	Seismic velocity structure of the crust and shallow mantle of the Central and Eastern United States by seismic surface wave imaging. 2016 , 43, 118-126	35
701	Early Cretaceous Volcanism in Eastern Argentina. 2016 , 87-121	
700	Geodynamical Setting for the Tholeiites of Misiones Province (North-eastern Argentina) in the Context of the PMP and the Alkaline Volcanism of C�doba Province (Central Argentina). 2016 , 129-135	
699	Prolonged post-rift magmatism on highly extended crust of divergent continental margins (Baiyun Sag, South China Sea). 2016 , 445, 79-91	90
698	Seismic characteristics and distribution of hydrothermal vent complexes in the Cretaceous offshore rift section of the Campos Basin, offshore Brazil. 2016 , 74, 12-25	28
697	Distribution, chronology and causes of Cretaceous [Cenozoic magmatism along the magma-poor rifted southern Australian margin: Links between mantle melting and basin formation. 2016 , 73, 271-298	26
696	Petrogenesis of early Jurassic basalts in southern Jiangxi Province, South China: Implications for the thermal state of the Mesozoic mantle beneath South China. 2016 , 256-257, 311-330	42
695	Cenozoic magmatism in the northern continental margin of the South China Sea: evidence from seismic profiles. 2016 , 37, 71-94	20
694	Occurrences of large-magnitude earthquakes in the Kachchh region, Gujarat, western India: Tectonic implications. 2016 , 679, 102-116	13
693	Late Permian basalts in the northwestern margin of the Emeishan Large Igneous Province: Implications for the origin of the Songpan-Ganzi terrane. 2016 , 256-257, 75-87	17
692	Origin of high Sr/Y-type granitic magmatism in the southwestern of the Alxa Block, Northwest China. 2016 , 256-257, 211-227	23
691	Constraining lithosphere deformation modes during continental breakup for the Iberia-Newfoundland conjugate rifted margins. 2016 , 680, 28-49	14
690	Five decades of triggered earthquakes in Koyna-Warna Region, western India [A review. 2016 , 162, 433-450	22
689	Wilson cycle passive margins: Control of orogenic inheritance on continental breakup. 2016 , 39, 131-144	53
688	Seismic evidence of crustal heterogeneity beneath the northwestern Deccan volcanic province of India from joint inversion of Rayleigh wave dispersion measurements and P receiver functions. 2016 , 128, 54-63	6

687	Encyclopedia of Marine Geosciences. 2016 , 754-760	1
686	Magmatic rifting and active volcanism: introduction. 2016 , 420, 1-9	7
685	Seismic reflection characteristics and evolution of intrusions in the Qiongdongnan Basin: Implications for the rifting of the South China Sea. 2016 , 27, 642-653	12
684	An 850±20 Ma LIP dismembered during breakup of the Rodinia supercontinent and destroyed by Early Paleozoic continental subduction in the northern Tibetan Plateau, NW China. 2016 , 282, 52-73	41
683	Measuring plume-related exhumation of the British Isles in Early Cenozoic times. 2016 , 456, 1-15	19
682	Cenozoic epeirogeny of the Indian peninsula. 2016 , 17, 4920-4954	30
681	The temperature of the Icelandic mantle from olivine-spinel aluminum exchange thermometry. 2016 , 17, 4725-4752	46
680	Temperature fluctuation of the Iceland mantle plume through time. 2016 , 17, 243-254	32
679	The initiation of segmented buoyancy-driven melting during continental breakup. 2016 , 7, 13110	35
678	Evolution of upper crustal faulting assisted by magmatic volatile release during early-stage continental rift development in the East African Rift. 2016 , 12, 1670-1700	53
677	Continental rupture and the creation of new crust in the Salton Trough rift, Southern California and northern Mexico: Results from the Salton Seismic Imaging Project. 2016 , 121, 7469-7489	27
676	A new approach to computing steady-state geotherms: The marginal stability condition. 2016 , 693, 32-46	
675	Sedimentation and potential venting on the rifted continental margin of Dronning Maud Land. 2016 , 37, 313-324	6
674	Whole planet coupling between climate, mantle, and core: Implications for rocky planet evolution. 2016 , 17, 1885-1914	53
673	Lateral magma flow in mafic sill complexes. 2016 , 12, 809-841	147
672	The role of crystallized magma and crustal fluids in intraplate seismic activity in Talala region (Saurashtra), Western India: An insight from local earthquake tomography. 2016 , 690, 131-141	12
671	Petrology and geochemistry of Cenozoic intra-plate basalts in east-central China: Constraints on recycling of an oceanic slab in the source region. 2016 , 262, 27-43	20
670	Late stage Imbrium volcanism on the Moon: Evidence for two source regions and implications for the thermal history of Mare Imbrium. 2016 , 445, 13-27	10

- 669 Depressed mantle discontinuities beneath Iceland: Evidence of a garnet controlled 660 km discontinuity?. **2016**, 433, 159-168 40
- 668 Crustal accretion of thick mafic crust in Iceland: implications for volcanic rifted margins. **2016**, 53, 1205-1215 9
- 667 Deep structure of the Argentine margin inferred from 3D gravity and temperature modelling, Colorado Basin. **2016**, 676, 198-210 12
- 666 The palaeo-bathymetry of base Aptian salt deposition on the northern Angolan rifted margin: constraints from flexural back-stripping and reverse post-break-up thermal subsidence modelling. **2016**, 22, 59-70 5
- 665 Isotopic evidence for a lithospheric origin of alkaline rocks and carbonatites: an example from southern Africa. **2016**, 53, 1216-1226 10
- 664 Metallogeny of Greenland. **2016**, 78, 493-555 7
- 663 Lower crustal high-velocity bodies along North Atlantic passive margins, and their link to Caledonian suture zone eclogites and Early Cenozoic magmatism. **2016**, 670, 16-29 22
- 662 Two LIPs and two Earth-system crises: the impact of the North Atlantic Igneous Province and the Siberian Traps on the Earth-surface carbon cycle. **2016**, 153, 201-222 35
- 661 Magmatic underplating beneath the Emeishan large igneous province (South China) revealed by the COMGRA-ELIP experiment. **2016**, 672-673, 16-23 28
- 660 Crustal composition of the Mf̄e Margin and compilation of a conjugate Atlantic margin transect. **2016**, 666, 144-157 15
- 659 The Ezhimala Igneous Complex, southern India: Possible imprint of Late Cretaceous magmatism within rift setting associated with India-Madagascar separation. **2016**, 121, 56-71 8
- 658 Understanding Conspicuous Gravity Low Over the Koyna-Warna Seismogenic Region (Maharashtra, India) and Earthquake Nucleation: A Paradigm Shift. **2016**, 173, 1933-1948 11
- 657 Pre-breakup magmatism on the V̄ing Margin: Insight from new sub-basalt imaging and results from Ocean Drilling Program Hole 642E. **2016**, 675, 258-274 33
- 656 U-Pb geochronology of the Eocene K̄iven intrusive complex, East Greenland: constraints on the Iceland hotspot track during the rift-to-drift transition. **2016**, 153, 128-142 1
- 655 Gravimetric determination of the continental-oceanic boundary of the Argentine continental margin (from 36°S to 50°S). **2016**, 204, 366-385 5
- 654 Tectonic setting of the North Gondwana margin during the Early Ordovician: A comparison of the Ollo de Sapo and Famatina magmatic events. **2016**, 681, 73-84 10
- 653 Evidence of Gondwana early rifting process recorded by Resende-Ilha Grande Dike Swarm, southern Rio de Janeiro, Brazil. **2016**, 67, 11-24 12
- 652 Cretaceous alkaline volcanism in south Marzanabad, northern central Alborz, Iran: Geochemistry and petrogenesis. **2016**, 7, 937-951 14

651	Tectono-metallogenic systems ¶The place of mineral systems within tectonic evolution, with an emphasis on Australian examples. 2016 , 76, 168-210	65
650	Root zone of a continental rift: the Neoproterozoic Kebnekaise Intrusive Complex, northern Swedish Caledonides. 2016 , 138, 31-53	10
649	Magmatic evolution in the N-Gondwana margin related to the opening of the Rheic Ocean¶Evidence from the Upper Parautochthon of the Galicia-Trás-os-Montes Zone and from the Central Iberian Zone (NW Iberian Massif). 2016 , 105, 1127-1151	30
648	Evolution of the gulf of Cadiz margin and southwest Portugal contourite depositional system: Tectonic, sedimentary and paleoceanographic implications from IODP expedition 339. 2016 , 377, 7-39	65
647	A major dyke swarm in the Ogaden region south of Afar and the early evolution of the Afar triple junction. 2016 , 420, 221-248	13
646	Reply to Comment on ¶The Jurassic¶retaceous basaltic magmatism of the Oued El-Abid syncline (High Atlas, Morocco): Physical volcanology, geochemistry and geodynamic implications¶by Andr ^e Michard et al. (2013) [J. Afr. Earth Sci. 88 (December) (2013) 101¶05]. 2016 , 118, 320-323	1
645	Structure of the ocean¶continent transition, location of the continent¶ocean boundary and magmatic type of the northern Angolan margin from integrated quantitative analysis of deep seismic reflection and gravity anomaly data. 2017 , 438, 159-176	7
644	Asthenosphere and lithosphere structure controls on early onset oceanic crust production in the southern South Atlantic. 2017 , 716, 4-20	5
643	Dyke emplacement in the Narmada rift zone and implications for the evolution of the Deccan Traps. 2017 , 445, 297-315	9
642	Elemental and Sr¶Nd isotopic geochemistry of Permian Emeishan flood basalts in Zhaotong, Yunnan Province, SW China. 2017 , 106, 617-630	5
641	Regional stratigraphy and subsidence of Orphan Basin near the time of breakup and implications for rifting processes. 2017 , 29, 233-254	19
640	Hotspot volcanism in the southern South Atlantic: Geophysical constraints on the evolution of the southern Walvis Ridge and the Discovery Seamounts. 2017 , 716, 77-89	10
639	Basement tectonics and flexural subsidence along western continental margin of India. 2017 , 8, 1009-1024	9
638	Animated reconstructions of the Late Cretaceous to Cenozoic northward migration of Australia, and implications for the generation of east Australian mafic magmatism. 2017 , 13, 460-481	17
637	Possible magmatic underplating beneath the west coast of India and adjoining Dharwar craton: Imprint from Archean crustal evolution to breakup of India and Madagascar. 2017 , 462, 1-14	14
636	Oceanic residual depth measurements, the plate cooling model, and global dynamic topography. 2017 , 122, 2328	46
635	Incipient mantle plume evolution: Constraints from ancient landscapes buried beneath the North Sea. 2017 , 18, 973-993	13
634	Hunting for the Tristan mantle plume ¶An upper mantle tomography around the volcanic island of Tristan da Cunha. 2017 , 462, 122-131	22

633	The nature of terrains of different types on the surface of Venus and selection of potential landing sites for a descent probe of the Venera-D Mission. 2017 , 51, 1-19	6
632	Geochemistry of metabasites from the North Shahrekord metamorphic complex, Sanandaj-Sirjan Zone: Geodynamic implications for the Pan-African basement in Iran. 2017 , 293, 56-72	18
631	Deep seismic structure of the northeastern South China Sea: Origin of a high-velocity layer in the lower crust. 2017 , 122, 2831-2858	38
630	Igneous activity in the Bornu Basin, onshore NE Nigeria; implications for opening of the South Atlantic. 2017 , 174, 667-678	5
629	The 1.33–1.30 Ga Yanliao large igneous province in the North China Craton: Implications for reconstruction of the Nuna (Columbia) supercontinent, and specifically with the North Australian Craton. 2017 , 465, 112-125	96
628	On the deep-mantle origin of the Deccan Traps. 2017 , 355, 613-616	27
627	Crustally derived granites in Dali, SW China: new constraints on silicic magmatism of the Central Emeishan Large Igneous Province. 2017 , 106, 2503-2525	8
626	Magnetotelluric evidence for massive sulphide mineralization in intruded sediments of the outer Vøring Basin, mid-Norway. 2017 , 706-707, 196-205	7
625	Radial viscous fingering of hot asthenosphere within the Icelandic plume beneath the North Atlantic Ocean. 2017 , 468, 51-61	28
624	Stratigraphic overview of Palaeogene tuffs in the Faroe-Shetland Basin, NE Atlantic Margin. 2017 , 174, 627-645	22
623	Extensive seismic anisotropy in the lower crust of Archean metamorphic terrain, South India, inferred from ambient noise tomography. 2017 , 694, 164-180	6
622	Rates of mantle cooling and exhumation during rifting constrained by REE-in-pyroxene speedometry. 2017 , 18, 2510-2525	3
621	Late Oligocene and Miocene different seaways to the Red Sea-Gulf of Suez rift and the Gulf of Aqaba-Dead Sea basins. 2017 , 171, 196-219	22
620	Introduction to the structures and processes of subduction zones. 2017 , 146, 352-366	0
619	Oceans of magma: Large Igneous Provinces (LIPS) and plumes. 2017 , 33, 94-100	
618	New insights into the magmatism in the northern margin of the South China Sea: Spatial features and volume of intraplate seamounts. 2017 , 18, 2216-2239	33
617	Opening of the central Atlantic Ocean: Implications for geometric rifting and asymmetric initial seafloor spreading after continental breakup. 2017 , 36, 1129-1150	36
616	Age and Petrogenesis of the Doros Complex, Namibia, and Implications for Early Plume-derived Melts in the ParanEtendeka LIP. 2017 , 58, 423-442	13

615	Lithosphere erosion and continental breakup: Interaction of extension, plume upwelling and melting. 2017 , 467, 89-98	19
614	Petrologic and geochemical characterization of rift-related magmatism at the northernmost Main Ethiopian Rift: Implications for plume-lithosphere interaction and the evolution of rift mantle sources. 2017 , 282-283, 240-261	12
613	The onset of Walvis Ridge: Plume influence at the continental margin. 2017 , 716, 90-107	15
612	Technological transfer? Comparative analysis of 2nd/3rd/4th century CE Late Roman pottery from Taymā, Saudi Arabia, and Petra, Jordan. 2017 , 12, 712-725	1
611	Compilation and appraisal of geochronological data from the North Atlantic Igneous Province (NAIP). 2017 , 447, 69-103	31
610	3-D Modeling of Pore Pressure Diffusion Beneath Koyna and Warna Reservoirs, Western India. 2017 , 174, 2121-2132	7
609	Triassic emplacement age of the Kalkfeld complex, NW Namibia: implications for carbonatite magmatism and its relationship to the Tristan Plume. 2017 , 106, 2797-2813	1
608	Ambient noise tomography reveals upper crustal structure of Icelandic rifts. 2017 , 466, 20-31	18
607	The role of magmatic loads and rift jumps in generating seaward dipping reflectors on volcanic rifted margins. 2017 , 466, 62-69	31
606	Volcanic rock alterations of the Kwanza Basin, offshore Angola - Insights from an integrated petrological, geochemical and numerical approach. 2017 , 80, 394-411	15
605	Wave speed structure of the eastern North American margin. 2017 , 459, 394-405	31
604	Comparison of the rift and post-rift architecture of conjugated salt and salt-free basins offshore Brazil and Angola/Namibia, South Atlantic. 2017 , 716, 204-224	17
603	Early signs of geodynamic activity before the 2011-2012 El Hierro eruption. 2017 , 104, 1-14	6
602	Mesozoic alkaline plutonism: Evidence for extensional phase in Alpine-Himalayan orogenic belt in Central Alborz, north Iran. 2017 , 2, 91-108	3
601	Tectono-sedimentary evolution of the eastern Gulf of Aden conjugate passive margins: Narrowness and asymmetry in oblique rifting context. 2017 , 721, 322-348	18
600	Frequency characteristics of geomagnetic induction anomalies in Saurashtra region. 2017 , 126, 1	
599	The T-Reflection and the Deep Crustal Structure of the Vøring Margin, Offshore mid-Norway. 2017 , 36, 2497-2523	27
598	Unusually thickened crust beneath the Emeishan large igneous province detected by virtual deep seismic sounding. 2017 , 721, 387-394	9

- 597 LCS-1: a high-resolution global model of the lithospheric magnetic field derived from CHAMP and Swarm satellite observations. **2017**, 211, 1461-1477 50
- 596 New constraints on the age and style of continental breakup in the South Atlantic from magnetic anomaly data. **2017**, 477, 27-40 23
- 595 The NE Atlantic region: a reappraisal of crustal structure, tectonostratigraphy and magmatic evolution. An introduction to the NAG-TEC project. **2017**, 447, 1-10 17
- 594 Tectonic evolution and extension at the Møre Margin (Offshore mid-Norway). **2017**, 721, 227-238 21
- 593 Structural variation of the oceanic Moho in the Pacific plate revealed by active-source seismic data. **2017**, 476, 111-121 12
- 592 Long-distance impact of Iceland plume on Norway's rifted margin. **2017**, 7, 10408 20
- 591 Singularity analysis of global zircon U-Pb age series and implication of continental crust evolution. **2017**, 51, 51-63 14
- 590 Magmatism in the evolution of the South China Sea: Geophysical characterization. **2017**, 394, 4-15 32
- 589 Deep crustal melt plumbing of Bárðunga volcano, Iceland. **2017**, 44, 8785-8794 26
- 588 Asymmetric continental deformation during South Atlantic rifting along southern Brazil and Namibia. **2017**, 51, 170-176 20
- 587 Upper mantle velocity structure beneath the Arabian shield from Rayleigh surface wave tomography and its implications. **2017**, 122, 6552-6568 15
- 586 Causes and Consequences of Diachronous V-Shaped Ridges in the North Atlantic Ocean. **2017**, 122, 8675-8708 8
- 585 Crustal Structure of Active Deformation Zones in Africa: Implications for Global Crustal Processes. **2017**, 36, 3298-3332 55
- 584 Introduction to special section: Subsurface expression of igneous systems and their impacts on petroleum systems. **2017**, 5, SKi-SKiii
- 583 Multifractal analysis of 2001Mw7.7Bhuj earthquake sequence in Gujarat, Western India. **2017**, 488, 177-186 5
- 582 Introduction to the structures and processes of subduction zones. **2017**, 145, 1-15 47
- 581 A new tectono-magmatic model for the Lofoten/Vesterfjorden Margin at the outer limit of the Iceland Plume influence. **2017**, 718, 25-44 9
- 580 Meso-Cenozoic tectonic evolution of the SE Brazilian continental margin: Petrographic, kinematic and dynamic analysis of the onshore Araruama Lagoon Fault System. **2017**, 102, 37-57

579	Siberian traps: Hypotheses and seismology data. 2017 , 53, 332-340	5
578	Crustal structure across the eastern North American margin from ambient noise tomography. 2017 , 44, 6651-6657	17
577	Volatiles and the tempo of flood basalt magmatism. 2017 , 458, 130-140	34
576	Landscape evolution of the graben of Puerto Vallarta (west-central Mexico) using the analysis of landforms and stream long profiles. 2017 , 73, 10-21	6
575	Subsidence around oceanic ridges along passive margins: NE Arabian Sea. 2017 , 445, 119-149	4
574	An overview of the Upper Palaeozoic-Mesozoic stratigraphy of the NE Atlantic region. 2017 , 447, 11-68	29
573	The stratigraphy and structure of the Faroese continental margin. 2017 , 447, 339-356	2
572	The wide-angle seismic image of a complex rifted margin, offshore North Namibia: Implications for the tectonics of continental breakup. 2017 , 716, 130-148	14
571	Multiple mantle sources of continental magmatism: Insights from High-Ti picrites of Karoo and other large igneous provinces. 2017 , 455, 22-31	31
570	Plumes and Hotspots. 2017 , 19-42	
569	Alteration and submergence of basalts in Kachchh, Gujarat, India: implications for the role of the Deccan Traps in the India-Beychelles break-up. 2017 , 445, 47-67	2
568	Crustal structure of the Agulhas Ridge (South Atlantic Ocean): Formation above a hotspot?. 2017 , 716, 21-32	3
567	Deep mixing of mantle melts beneath continental flood basalt provinces: Constraints from olivine-hosted melt inclusions in primitive magmas. 2017 , 196, 36-57	26
566	Upper mantle structure at Walvis Ridge from P n tomography. 2017 , 716, 121-129	1
565	Mantle structure beneath the incipient Okavango rift zone in southern Africa. 2017 , 13, 102-111	14
564	The Greenland-Iceland-Faroese Ridge Complex. 2017 , 447, 127-148	13
563	Seismicity in the Vicinity of the Tristan Da Cunha Hot Spot: Particular Plate Tectonics and Mantle Plume Presence. 2017 , 122, 10,427-10,439	2
562	Main sedimentary sequences and stages of major cratonic basins during the breakup of Rodinia. 2017 , 52, 329-338	5

561	THE MOHO DEPTH OF THE SOUTH CHINA SEA BASIN FROM THREE-DIMENSIONAL GRAVITY INVERSION WITH CONSTRAINT POINTS AND ITS CHARACTERISTICS. 2017 , 60, 368-383	1
560	Geochemistry and Origin of the Neoproterozoic Natkusiak Flood Basalts and Related Franklin Sills, Victoria Island, Arctic Canada. 2017 , 58, 2191-2220	6
559	Influences on the development of volcanic and magma-poor morphologies during passive continental rifting. 2017 , 13, 1524-1540	17
558	Petrological Geodynamics of Mantle Melting I. AlphaMELTS + Multiphase Flow: Dynamic Equilibrium Melting, Method and Results. 2017 , 5,	6
557	Breaking supercontinents; no need to choose between passive or active. 2017 , 8, 817-825	5
556	Geoelectric structure of northern Cambay rift basin from magnetotelluric data. 2017 , 69,	15
555	The deep Earth origin of the Iceland plume and its effects on regional surface uplift and subsidence. 2017 , 8, 235-254	11
554	Present-day thermal field and Mesozoic-Cenozoic thermal evolution of the Western Bredasdorp Basin (South Africa): An integrated 3D numerical forward modelling approach. 2018 , 93, 57-78	1
553	Seismicity During Continental Breakup in the Red Sea Rift of Northern Afar. 2018 , 123, 2345-2362	22
552	Early Cenozoic Denudation of Central West Britain in Response to Transient and Permanent Uplift Above a Mantle Plume. 2018 , 37, 914-934	2
551	The Archean Fortescue large igneous province: A result of komatiite contamination by a distinct Eo-Paleoarchean crust. 2018 , 310, 365-390	18
550	Geostatistical Interplay Between Geophysical and Geochemical Data: Mapping Litho-Structural Assemblages of Mesozoic Igneous Activities in the Parnaíba Basin (NE Brazil). 2018 , 39, 683-713	5
549	Weak Vertical Surface Movement Caused by the Ascent of the Emeishan Mantle Anomaly. 2018 , 123, 1018-1034	14
548	Crustal Structure and Evolution of the Eastern Himalayan Plate Boundary System, Northeast India. 2018 , 123, 621-640	29
547	Cretaceous basalts of the High Arctic large igneous province at Axel Heiberg Island (Canada): Volcanic stratigraphy, geodynamic setting, and origin. 2018 , 53, 2918-2934	13
546	References. 2018 , 369-400	
545	High-Resolution Rayleigh Wave Group Velocity Variation Beneath Greenland. 2018 , 123, 1516-1539	7
544	Cretaceous-Paleocene Evolution and Crustal Structure of the Northern Vøring Margin (Offshore Mid-Norway): Results from Integrated Geological and Geophysical Study. 2018 , 37, 497-528	24

543	Phreatic explosions during basaltic fissure eruptions: Kings Bowl lava field, Snake River Plain, USA. 2018 , 351, 89-104	5
542	Heat flow study of the Emeishan large igneous province region: Implications for the geodynamics of the Emeishan mantle plume. 2018 , 724-725, 11-27	26
541	New plate kinematic model and tectono-stratigraphic history of the East African and West Madagascan Margins. 2018 , 30, 1118-1140	17
540	Petrology and geochemistry of the Tasse mantle xenoliths of the Canadian Cordillera: A record of Archean to Quaternary mantle growth, metasomatism, removal, and melting. 2018 , 737, 1-26	10
539	Crustal configuration in the northern Levant basin based on seismic interpretation and numerical modeling. 2018 , 93, 182-204	9
538	Petrogenesis of low- $\delta^{18}O$ quartz porphyry dykes, Koegel Fontein complex, South Africa. 2018 , 173, 1	4
537	A reconstruction of the North Atlantic since the earliest Jurassic. 2018 , 30, 160-185	39
536	Rifted margins: Ductile deformation, boudinage, continentward-dipping normal faults and the role of the weak lower crust. 2018 , 53, 20-40	77
535	Early Carboniferous anorogenic magmatism in the Levant: implications for rifting in northern Gondwana. 2018 , 60, 101-108	8
534	South Atlantic salt basins – Witnesses of complex passive margin evolution. 2018 , 53, 41-57	38
533	1.010–0.98 Ga mafic intra-plate magmatism and related Cu-Au mineralization in the eastern Jiangnan orogen: Evidence from Liujia and Tieshajie basalts. 2018 , 309, 6-21	24
532	Crustal structure and sedimentation history over the Alleppey platform, southwest continental margin of India: Constraints from multichannel seismic and gravity data. 2018 , 9, 549-558	5
531	Spatial distribution of helium isotopes in Icelandic geothermal fluids and volcanic materials with implications for location, upwelling and evolution of the Icelandic mantle plume. 2018 , 480, 12-27	19
530	Growth and demise of a Paleogene isolated carbonate platform of the Offshore Indus Basin, Pakistan: effects of regional and local controlling factors. 2018 , 107, 481-504	14
529	Elemental and Sr-Nd-Pb isotope geochemistry of the Florianópolis Dyke Swarm (Paraná Magmatic Province): crustal contamination and mantle source constraints. 2018 , 355, 149-164	9
528	Crustal structure and rifting of the northern South China Sea margin: Evidence from shoreline-crossing seismic investigations. 2018 , 53, 2065-2083	6
527	Mineralogy and geochemistry of micro-dolerite dykes from the central Deccan Traps flood basaltic province, India, and their geodynamic significance. 2018 , 112, 267-277	5
526	Age and petrogenesis of the Lundy granite: Paleocene intraplate peraluminous magmatism in the Bristol Channel, UK. 2018 , 175, 44-59	3

525	3D Process-Oriented Gravity Modelling applied north of 49°S on the Argentine continental margin. 2018 , 81, 177-188	2
524	Gondwana Large Igneous Provinces (LIPs): distribution, diversity and significance. 2018 , 463, 1-16	6
523	Igneous intrusions in the Faroe Shetland basin and their implications for hydrocarbon exploration; new insights from well and seismic data. 2018 , 92, 733-753	38
522	The crustal structure of the continental margin east of the Falkland Islands. 2018 , 724-725, 234-253	16
521	Cenozoic sedimentation in the Mumbai Offshore Basin: Implications for tectonic evolution of the western continental margin of India. 2018 , 152, 132-144	10
520	Coexistence of alkaline-carbonatite complexes and high-MgO CFB in the Paran [^] Etendeka province: Insights on plume-lithosphere interactions in the Gondwana realm. 2018 , 296-299, 54-66	13
519	Afar, a Hot-Spot for Earth's Geodynamics Studies. 2018 , 285-293	0
518	Seismically imaged shallow and deep crustal structure and potential field anomalies across the Eastern Dharwar Craton, south Indian shield: Possible geodynamical implications. 2018 , 157, 302-316	10
517	The chemistry of Karoo-age andesitic lavas along the northern Mozambique coast, southern Africa and possible implications for Gondwana breakup. 2018 , 121, 271-286	3
516	S Velocity Model of East Asia From a Cluster Analysis of Localized Dispersion. 2018 , 123, 9712-9732	1
515	Seismic Imprints of Plume-Lithosphere Interaction Beneath the Northwestern Deccan Volcanic Province. 2018 , 123, 10,831-10,853	15
514	A Hybrid Multistage Model of Evolution of the Western Ghats at the Passive Western Continental Margin of India. 2018 , 92, 533-541	5
513	Mantle plumes and mantle dynamics in the Wilson cycle. 2018 , SP470.18	4
512	The thermal structure of volcanic passive margins. 2018 , 24, 393-401	3
511	Buds of Santonian magmatism associated with Marion hotspot in southern India. 2018 , 54, 3174	
510	When do mantle plumes destroy diamonds?. 2018 , 502, 244-252	18
509	Seismic Evidence for Plume- and Craton-Influenced Upper Mantle Structure Beneath the Northern Malawi Rift and the Rungwe Volcanic Province, East Africa. 2018 , 19, 3980-3994	16
508	Laterally Confined Volcanic Successions (LCVS); recording rift-jumps during the formation of magma-rich margins. 2018 , 504, 53-63	14

507	Imaging Lithospheric Discontinuities Beneath the Northern East African Rift Using -to- Receiver Functions. 2018 , 19, 4048-4062	16
506	The elusive feeders of the Karoo Large Igneous Province and their structural controls. 2018 , 747-748, 146-162	11
505	Estimating emplacement rates for seaward-dipping reflectors associated with the U.S. East Coast Magnetic Anomaly. 2018 , 215, 1594-1603	14
504	3-D Crustal Shear-Wave Velocity Structure of the Taiwan Strait and Fujian, SE China, Revealed by Ambient Noise Tomography. 2018 , 123, 8016-8031	21
503	Characterization of Seaward-Dipping Reflectors Along the South American Atlantic Margin and Implications for Continental Breakup. 2018 , 37, 3303-3327	24
502	Seismic Imaging of the North American Midcontinent Rift Using -to- Receiver Functions. 2018 , 123, 7791-7805	6
501	Geodynamic models of the West Antarctic Rift System: Implications for the mantle thermal state. 2018 , 14, 2407-2429	5
500	Trace element systematics and Nd, Sr and Pb isotopes of Pliocene flood basalt magmas (Ethiopian rift): A case for Afar plume-lithosphere interaction. 2018 , 493, 172-188	8
499	Rapid determination of initial $87\text{Sr}/86\text{Sr}$ and estimation of the Rb-Sr age of plutonic rocks by LA-ICPMS of variably altered feldspars: An example from the 1.14 Ga Great Abitibi Dyke, Ontario, Canada. 2018 , 314-315, 52-58	2
498	Geochemistry and petrogenesis of Biabanak-Bafq mafic magmatism: Implication for the evolution of central Iranian terrane. 2018 , 127, 1	
497	Variability of the geothermal gradient across two differently aged magma-rich continental rifted margins of the Atlantic Ocean: the Southwest African and the Norwegian margins. 2018 , 9, 139-158	6
496	Magmatism and extension rates at rifted margins. 2018 , 24, 379-392	13
495	Lineament Mapping over Sir Creek Offshore and its Surroundings using High Resolution EGM2008 Gravity Data: An Integrated Derivative Approach. 2018 , 91, 671-678	15
494	Petrology of Jurassic and Cretaceous basaltic formations from the Parnaíba Basin, NE Brazil: correlations and associations with large igneous provinces. 2018 , 472, 279-308	7
493	Insights from North America's failed Midcontinent Rift into the evolution of continental rifts and passive continental margins. 2018 , 744, 403-421	34
492	Investigating the distribution of magmatism at the onset of Gondwana breakup with novel strapdown gravity and aeromagnetic data. 2018 , 282, 77-88	5
491	Petrogenesis of plio-quaternaly intra-plate continental alkaline lavas from the ˚skenderun Gulf (Southern Turkey): Evidence for metasomatized lithospheric mantle. 2018 , 78, 521-534	1
490	Mantle Potential Temperature Estimates and Primary Melt Compositions of the Low-Ti Emeishan Flood Basalt. 2018 , 6,	17

- 489 Electrical resistivity cross-section across northern part of Saurashtra region: An insight to crystallized magma and fluids. **2018**, 744, 205-214 7
- 488 Crustal plumbing system of post-rift magmatism in the northern margin of South China Sea: New insights from integrated seismology. **2018**, 744, 227-238 18
- 487 Crustal Formation on a Spreading Ridge Above a Mantle Plume: Receiver Function Imaging of the Icelandic Crust. **2018**, 123, 5190-5208 11
- 486 The development of a regional-scale intraplate strike-slip fault system; Alpine deformation in the north of Ireland. **2018**, 116, 47-63 7
- 485 East Coast Sedimentary Basins of India. **2018**, 79-114
- 484 Deccan Volcanic Province Near the West Coast. **2018**, 115-145 2
- 483 References. **2018**, 225-249
- 482 Physical modeling of the formation conditions of microcontinents and continental marginal plateaus. **2018**, 54, 66-78 13
- 481 Crustal structure and post-rift evolution of the Levant Basin. **2018**, 96, 522-543 15
- 480 Rapid transition from continental breakup to igneous oceanic crust in the South China Sea. **2018**, 11, 782-789 113
- 479 Timing and origin of magmatism in the Sverdrup Basin, Northern Canada—Implications for lithospheric evolution in the High Arctic Large Igneous Province (HALIP). **2018**, 742-743, 50-65 24
- 478 Extent, thickness and erosion of the Jurassic continental flood basalts of Dronning Maud Land, East Antarctica: A low-T thermochronological approach. **2018**, 61, 222-243 5
- 477 Rhyolites in the Emeishan large igneous province (SW China) with implications for plume-related felsic magmatism. **2018**, 164, 344-365 15
- 476 The Melville Bugt Dyke Swarm across SE Greenland: A closer link to Mesoproterozoic AMCG-complexes. **2019**, 329, 88-107 7
- 475 Geochemistry and apatite U-Pb geochronology of alkaline gabbros from the Nodoushan plutonic complex, Sanandaj-Birjan Zone, Central Iran: Evidence for Early Palaeozoic rifting of northern Gondwana. **2019**, 54, 1902-1926 2
- 474 Formation of magnesium-smectite during lacustrine carbonates early diagenesis: Study case of the volcanic crater lake Dziani Dzaha (Mayotte—Indian Ocean). **2019**, 66, 983-1001 7
- 473 Large Igneous Provinces. **2019**, 337-345
- 472 Tectonics of the Southern Ocean Passive Margins in the Africa—East Antarctica Region. **2019**, 53, 468-484 2

471	Cyclical one-way continental rupture-drift in the Tethyan evolution: Subduction-driven plate tectonics. 2019 , 62, 2005-2016	43
470	Gravity Maps of the Lithospheric Structure Beneath the Indian Ocean. 2019 , 40, 1055-1093	2
469	Chemistry of chromium spinel in high-Mg rocks from the Morungava Intrusion, Cretaceous Paraná Igneous Province, southernmost Brazil. 2019 , 113, 765-782	0
468	Crustal Velocity Models Retrieved from Surface Wave Dispersion Data for Gujarat Region, Western Peninsular India. 2019 , 23, 147-155	
467	Petrogenesis of end-Cretaceous/Early Eocene lamprophyres from the Deccan Large Igneous Province: Constraints on plume-lithosphere interaction and the post-Deccan lithosphere-asthenosphere boundary (LAB) beneath NW India. 2019 , 346-347, 105139	16
466	Mechanism of rift flank uplift and escarpment formation evidenced by Western Ghats, India. 2019 , 9, 10511	12
465	Seismic Velocity Structure of the Magnetic Quiet Zone and Continent-Ocean Boundary in the Northeastern South China Sea. 2019 , 124, 11866-11899	17
464	What triggered the early-stage eruption of the Emeishan large igneous province?. 2019 , 131, 1837-1856	13
463	Failed rifting and fast drifting: Midcontinent Rift development, Laurentia's rapid motion and the driver of Grenvillian orogenesis. 2019 , 131, 913-940	39
462	Crustal structure of the eastern Piedmont and Atlantic coastal plain in North Carolina and Virginia, eastern North American margin. 2019 , 71,	4
461	Ultrahigh metamorphic temperatures over 1050 °C recorded by Fe-Ti oxides and implications for Paleoproterozoic magma-induced crustal thermal perturbation in Jining area, North China Craton. 2019 , 348-349, 105180	4
460	Hot primary melts and mantle source for the Paraná-Etendeka flood basalt province: New constraints from Al-in-olivine thermometry. 2019 , 529, 119287	18
459	Mantle Dynamics of the Central Atlantic Magmatic Province (CAMP): Constraints from Platinum Group, Gold and Lithophile Elements in Flood Basalts of Morocco. 2019 , 60, 1621-1652	16
458	Transition from Plume-driven to Plate-driven Magmatism in the Evolution of the Main Ethiopian Rift. 2019 , 60, 1681-1715	2
457	Hotspot origin for asymmetrical conjugate volcanic margins of the austral South Atlantic Ocean as imaged on deeply penetrating seismic reflection lines. 2019 , 7, SH71-SH97	5
456	Deep Carbon Cycling Over the Past 200 Million Years: A Review of Fluxes in Different Tectonic Settings. 2019 , 7,	17
455	Crustal structure at the southwestern margin of the Ulleung Basin, East Sea (Japan Sea), from wide-angle seismic data. 2019 , 39, 37-46	2
454	Magnetotelluric investigation of lithospheric electrical structure beneath the Dharwar Craton in south India: Evidence for mantle suture and plume-continental interaction. 2019 , 10, 1915-1930	18

453	Secular mantle oxidation across the Archean-Proterozoic boundary: Evidence from V partitioning in komatiites and picrites. 2019 , 250, 49-75	57
452	Tethys ocean withdrawal and continental peneplanation—An example from the Galilee, northwestern Arabia. 2019 , 130, 22-40	1
451	Intense Seismicity During the 2014–2015 Bárðunga-Holuhraun Rifting Event, Iceland, Reveals the Nature of Dike-Induced Earthquakes and Caldera Collapse Mechanisms. 2019 , 124, 8331-8357	19
450	Sill complexes in the Karoo LIP: Emplacement controls and regional implications. 2019 , 158, 103517	3
449	Two deep-mantle sources for Paleocene doming and volcanism in the North Atlantic. 2019 , 116, 13227-13232	4
448	Thermochronological insights into the morphotectonic evolution of the Eastern Highlands, Zimbabwe: Implications for thermal history modelling of multi-thermochronometer data. 2019 , 158, 103542	2
447	Deformable plate tectonic models of the southern North Atlantic. 2019 , 128, 11-37	27
446	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
445	Late Paleoproterozoic tectonic evolution of the Olongbuluke Terrane, northern Qaidam, China: Constraints from stratigraphy and detrital zircon geochronology. 2019 , 331, 105349	14
444	Bimodal zircon ages from Natash volcanics (southeast Egypt) and the link between eruption mechanisms and Late Cretaceous tectonics. 2019 , 12, 1	2
443	Extension of flood basalt on the northwestern continental margin of India. 2019 , 128, 1	5
442	Integrated geophysical appraisal of crustal structure and tectonic evolution of the Angria Bank, western continental margin of India. 2019 , 40, 433-449	2
441	Central Gulf of Aden conjugate margins (Yemen-Somalia): Tectono-sedimentary and magmatism evolution in hybrid-type margins. 2019 , 105, 100-123	11
440	Crustal Architecture and Nature of Continental Breakup Along a Transform Margin: New Insights From Tanzania-Mozambique Margin. 2019 , 38, 1273-1291	13
439	Volcanic record of continental thinning in Baffin Bay margins: Insights from Svartenhuk Halvö Peninsula basalts, West Greenland. 2019 , 334-335, 117-140	8
438	Melt movement through the Icelandic crust. 2019 , 377, 20180010	8
437	Using Ambient Noise to Image the Northern East African Rift. 2019 , 20, 2091-2109	12
436	Seismic Structure of the Central Indian Crust and its Implications on the Crustal Evolution. 2019 , 93, 163-170	8

435	South China Sea crustal thickness and oceanic lithosphere distribution from satellite gravity inversion. 2019 , 25, 112-128	20
434	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
433	Evolution of migrating transform faults in anisotropic oceanic crust: examples from Iceland. 2019 , 56, 1297-1308	2
432	Quantifying the Correlation Between Mobile Continents and Elevated Temperatures in the Subcontinental Mantle. 2019 , 20, 1358-1386	3
431	Tomographic Pn Velocity and Anisotropy Structure in Mongolia and the Adjacent Regions. 2019 , 124, 3662-3679	10
430	Geodynamic evolution of the offshore Indus Basin Pakistan: the western Indian Plate Passive Continental Margin. 2019 , 217, 1366-1386	7
429	Paleogene volcanic rocks in the northern Faroe-Shetland Basin and Møre Marginal High: understanding lava field stratigraphy. 2019 , SP495-2019-13	4
428	Mantle plumes and mantle dynamics in the Wilson cycle. 2019 , 470, 87-103	7
427	The spatial distribution of igneous intrusions in the Exmouth Plateau and Exmouth Sub Basin, North West Shelf, Western Australia.. 2019 , 2019, 1-5	1
426	Bulk Liquid for the Skaergaard Intrusion and Its PGE-Au Mineralization: Composition, Correlation, Liquid Line of Descent, and Timing of Sulphide Saturation and Silicate-Silicate Immiscibility. 2019 , 60, 1853-1880	6
425	The Seismic Signature of Upper-Mantle Plumes: Application to the Northern East African Rift. 2019 , 20, 6106-6122	5
424	Large Igneous Province thermogenic greenhouse gas flux could have initiated Paleocene-Eocene Thermal Maximum climate change. 2019 , 10, 5547	16
423	Breakup volcanism and plate tectonics in the NW Atlantic. 2019 , 760, 267-296	23
422	Widespread volcanism in the Greenland-North Atlantic region explained by the Iceland plume. 2019 , 12, 61-68	26
421	Athapuscow aulacogen revisited: Geochronology and geochemistry of the 2046 Ma Union Island Group mafic magmatism, East Arm of Great Slave Lake, Northwest Territories, Canada. 2019 , 321, 85-102	6
420	Radiogenic Sr and Stable C and O Isotopes Across Precambrian-Cambrian Transition in Marine Carbonatic Phosphorites of Malyi Karatau (Kazakhstan) Implications for Paleo-environmental Change. 2019 , 20, 3-23	15
419	Post-spreading volcanism in the central South China Sea: insights from zircon U-Pb dating on volcanoclastic breccia and seismic features. 2019 , 40, 185-198	4
418	Political Geologies of Magma. 2019 , 263-292	2

417	Passive source seismic imaging of the crust and upper mantle underlying the Archean Singhbhum Craton, Eastern India. 2019 , 176, 300-314	3
416	Causes, Geodynamic Factors and Models of Metamorphism. 2019 , 83-228	
415	Crustal structure and heat-flow history in the UK Rockall Basin, derived from backstripping and gravity-inversion analysis. 2019 , 25, 131-150	6
414	The Nature of Upper Mantle Upwelling During Initiation of Seafloor Spreading in the Southern Red Sea. 2019 , 113-129	1
413	Thinking about LIPs: A brief history of ideas in Large igneous province research. 2019 , 760, 229-251	17
412	A Modern View on the Red Sea Rift: Tectonics, Volcanism and Salt Blankets. 2019 , 37-52	5
411	Timing of Extensional Faulting Along the Magma-Poor Central and Northern Red Sea Rift Margin—Transition from Regional Extension to Necking Along a Hyperextended Rifted Margin. 2019 , 81-111	8
410	Early Cretaceous bimodal magmatism in the eastern Tethyan Himalayas, Tibet: Indicative of records on precursory continental rifting and initial breakup of eastern Gondwana. 2019 , 324-325, 699-715	9
409	Fossil subduction zone origin for magmas in the Ferrar Large Igneous Province, Antarctica: Evidence from PGE and Os isotope systematics in the Basement Sill of the McMurdo Dry Valleys. 2019 , 506, 507-519	12
408	Rift and plate boundary evolution across two supercontinent cycles. 2019 , 173, 1-14	49
407	Overthickening of sedimentary sequences by igneous intrusions. 2019 , 176, 46-60	15
406	Early Cretaceous rift-related volcanism in the Songliao Basin, NE China [A geochemical study. 2019 , 61, 39-55	2
405	Rifting in SW China: structural and sedimentary investigation of the initial crustal response to emplacement of the Permian Emeishan LIP. 2019 , 156, 745-758	3
404	The Jan Mayen microplate complex and the Wilson cycle. 2019 , 470, 393-414	9
403	Heat flow and thermal evolution of a passive continental margin from shelf to slope [A case study on the Pearl River Mouth Basin, northern South China Sea. 2019 , 171, 88-102	7
402	Reappraisal of the magma-rich versus magma-poor rifted margin archetypes. 2020 , 476, 23-47	20
401	Crustal structure of the conjugate Equatorial Atlantic Margins, derived by gravity anomaly inversion. 2020 , 476, 83-107	8
400	Raiders of the Lost Mud: the geology behind drilling incidents within the Balder Formation around the Corona Ridge, West of Shetland. 2020 , 26, 110-125	2

399	Flexural subsidence analysis of the Laxmi Basin, Arabian Sea and its tectonic implications. 2020 , 157, 834-847	6
398	Granites and crustal heat budget. 2020 , 491, 77-100	11
397	Structural and lithological controls on the architecture of igneous intrusions: examples from the NW Australian Shelf. 2020 , 26, 50-69	11
396	Davis Strait Paleocene picrites: Products of a plume or plates?. 2020 , 206, 102770	7
395	Crustal fragmentation, magmatism, and the diachronous opening of the Norwegian-Greenland Sea. 2020 , 206, 102839	31
394	Late Cretaceous topographic doming caused by initial upwelling of Deccan magmas: Stratigraphic and sedimentological evidence. 2020 , 132, 835-849	7
393	The Santa Catarina Plateau and the nature of its basement. 2020 , 40, 853-864	3
392	Structural inheritance in the North Atlantic. 2020 , 206, 102975	24
391	Ediacaran (Sinian) palaeogeographic reconstruction of the Upper Yangtze area, China, and its tectonic implications. 2020 , 62, 1485-1509	3
390	Lead isotope evolution of the Central European upper mantle: Constraints from the Bohemian Massif. 2020 , 11, 925-942	8
389	Indications of uplift from seismic stratigraphy and backstripping of the well data in western Indus offshore Pakistan. 2020 , 55, 553-570	5
388	Petrogenesis and tectonic implications of the 2.1 $\bar{0}$.0 Ga granitoids in Fuping Complex, North China Craton: Constraints from petrology, geochemistry and zircon U-Pb-Hf isotopes. 2020 , 339, 105611	3
387	Active rifting and bimodal volcanism in Proterozoic Papaghni sub-basin, Cuddapah basin (Andhra Pradesh), India. 2020 , 129, 1	8
386	The Catalan magnetic anomaly: Its significance for the crustal structure of the Gulf of Lion passive margin and relationship to the Catalan transfer zone. 2020 , 113, 104174	10
385	Impact of the Dead Sea Transform Kinematics on Adjacent Volcanic Activity. 2020 , 39, e2019TC005645	2
384	A compilation of igneous rock volumes at volcanic passive continental margins from interpreted seismic profiles. 2020 , 122, 104635	6
383	Evolution of the Alu-Dalafilla and Borale volcanoes, Afar, Ethiopia. 2020 , 408, 107094	2
382	The Role of Premagmatic Rifting in Shaping a Volcanic Continental Margin: An Example From the Eastern North American Margin. 2020 , 125, e2020JB019576	4

381	Evolution of Late Cretaceous Si cycling reflected in the formation of siliceous nodules (flints and cherts). 2020 , 195, 103334	2
380	Pannotia's mantle signature: the quest for supercontinent identification. 2020 , SP503-2020-7	5
379	REFERENCES. 2020 , 177-197	
378	Episodic Neoproterozoic extension-related magmatism in the Altyn Tagh, NW China: implications for extension and breakup processes of Rodinia supercontinent. 2020 , 1-16	0
377	On The Efficiency of P-Wave Coda Autocorrelation in Recovering Crustal Structure: Examples From Dense Arrays in the Eastern United States. 2020 , 125, e2020JB020270	1
376	Along-Margin Variations in Breakup Volcanism at the Eastern North American Margin. 2020 , 125, e2020JB020040	4
375	Constraining Basin Parameters Using a Known Subsidence History. 2020 , 10, 263	2
374	Contribution to the Mineral Chemistry of the Proterozoic Aravalli Mafic Meta-Volcanic Rocks from Rajasthan, NW India. 2020 , 10, 638	1
373	Remnant plume head under Neoproterozoic Malani Igneous Suite, western India. 2020 , 792, 228576	3
372	The Passive Margin of Eastern North America: Rifting and the Influence of Prerift Orogenic Activity on Postrift Development. 2020 , 2020,	1
371	Pillow Talk: Volcanic rocks of the Karoo that formed many leagues under the Gondwanan Sea. 2020 , 123, 297-330	5
370	Do Supercontinent-Superplume Cycles Control the Growth and Evolution of Continental Crust?. 2020 , 31, 1142-1169	6
369	Causes and consequences of asymmetric lateral plume flow during South Atlantic rifting. 2020 , 117, 27877-27883	7
368	Basaltic fissure types on Earth: Suitable analogs to evaluate the origins of volcanic terrains on the Moon and Mars?. 2020 , 193, 105091	3
367	Anomalous lower crustal structure and origin of magmatism in the southeastern margin of the South China Sea. 2020 , 122, 104711	4
366	Koyna-Warna Shallow Seismic Region, India: Is there Any Geomorphic Expression of Active Tectonics?. 2020 , 96, 217-231	9
365	Evidence for a Prolonged Continental Breakup Resulting From Slow Extension Rates at the Eastern North American Volcanic Rifted Margin. 2020 , 125, e2020JB020093	10
364	Architecture of the Magmatic System in the Main Ethiopian Rift. 2020 , 133-151	1

- 363 Geodynamic experiments suggest that mantle plume caused Late Permian Emeishan Large Igneous Province in Southern China. **2020**, 1-15 3
- 362 Geochemistry and petrogenesis of high-MgO ultramafic tertiary volcanic rocks from Bagah area, NW Ad Dhala Province, Yemen. **2020**, 13, 1 2
- 361 Hotspots and mantle plumes revisited: Towards reconciling the mantle heat transfer discrepancy. **2020**, 542, 116317 15
- 360 Basalts From the Chukchi Borderland: 40Ar/39Ar Ages and Geochemistry of Submarine Intraplate Lavas Dredged From the Western Arctic Ocean. **2020**, 125, e2019JB017604 4
- 359 Impact of crust-mantle mechanical coupling on the topographic and thermal evolutions during the necking phase of magma-poor and sediment-starved rift systems: A numerical modeling study. **2020**, 786, 228472 10
- 358 Oligocene evolution of the outermost continental margin in response to breakup and early spreading of the South China Sea. **2020**, 427, 106241 1
- 357 Changing Mantle Sources and the Effects of Crustal Passage on the Steens Basalt, SE Oregon: Chemical and Isotopic Constraints. **2020**, 21, e2020GC008910 6
- 356 Global Cenozoic Paleobathymetry with a focus on the Northern Hemisphere Oceanic Gateways. **2020**, 86, 126-143 25
- 355 Unfolding impacts of freaky tectonics on sedimentary sequences along passive margins: Pioneer findings from western Indian continental margin (Offshore Indus Basin). **2020**, 119, 104499 7
- 354 Geophysical exploration of Tural-Rajwadi group of hot springs, West Coast Geothermal Province, Maharashtra, India and its implications. **2020**, 88, 101874 5
- 353 Crustal Structure of the Greenland-Iceland Ridge from Joint Refraction and Reflection Seismic Tomography. **2020**, 125, e2020JB019847 7
- 352 Plume-related Paran^Etendeka igneous province: An evolution from plateau to continental rifting and breakup. **2020**, 362-363, 105484 3
- 351 Petrogenesis of Transitional Large Igneous Province: Insights From Bimodal Volcanic Suite in the Tarim Large Igneous Province. **2020**, 125, e2019JB018382 5
- 350 Substantiation of R^union plume induced prolonged magmatic pulses (ca. 70.5^5.5 Ma) of the Deccan LIP in the Chhotanagpur Gneissic Complex, eastern India: Constraints from 40Ar/39Ar geochronology. **2020**, 129, 1 3
- 349 Surface processes forcing on extensional rock melting. **2020**, 10, 7711 8
- 348 Spatiotemporal Seismicity Evolution and Seismic Hazard Potentials in the Western East Sea (Sea of Japan). **2020**, 177, 3761-3774 7
- 347 Recent volcano-tectonic activity of the Ririba rift and the evolution of rifting in South Ethiopia. **2020**, 403, 106989 4
- 346 Petrogenetic aspects and role of liquid immiscibility from parts of eastern Deccan volcanic province, India. **2020**, 55, 5619-5638 1

345	Regional structure and polyphased Cretaceous-Paleocene rift and basin development of the mid-Norwegian volcanic passive margin. 2020 , 115, 104269	20
344	Spatiotemporal Variations in Upper Crustal Extension Across the Different Basement Terranes of the Lake Tanganyika Rift, East Africa. 2020 , 39, e2019TC006019	9
343	Early Diagenesis of Lacustrine Carbonates in Volcanic Settings: The Role of Magmatic CO ₂ (Lake Dziani Dzaha, Mayotte, Indian Ocean). 2020 , 4, 363-378	6
342	Mesozoic rifting evolution of SW Gondwana: A poly-phased, subduction-related, extensional history responsible for basin formation along the Argentinean Atlantic margin. 2020 , 203, 103138	23
341	Petrogenesis of hirma mafic lavas, in southeastern Ethiopia volcanic province: Assessments from major and trace elements. 2020 , 164, 103799	1
340	Implications for the lithospheric structure of Cambay rift zone, western India: Inferences from a magnetotelluric study. 2020 , 11, 1743-1754	5
339	Origin, composition and relative timing of seaward dipping reflectors on the Pelotas rifted margin. 2020 , 114, 104235	4
338	Genesis and evolution of the South Atlantic volcanic islands offshore Brazil. 2020 , 40, 1-33	21
337	Early Cretaceous subsidence of the Naturaliste Plateau defined by a new record of volcanoclastic-rich sequence at IODP Site U1513. 2020 , 82, 1-11	13
336	The geological history and evolution of West Antarctica. 2020 , 1, 117-133	43
335	New evidence for a thin crust and magmatic underplating beneath the Cambay rift basin, Western India through modelling of EIGEN-6C4 gravity data. 2020 , 129, 1	11
334	Upper mantle seismic anisotropy beneath the Kachchh rift zone, Gujarat, India, from shear wave splitting analysis. 2020 , 129, 1	3
333	Measurements of the extension required for crustal breakup on the magma-poor Iberia-Newfoundland conjugate margins. 2020 , 118, 104403	4
332	Muography for geological hazard assessment in the South Aegean active volcanic arc (SAAVA). 2020 , 2, 233-246	4
331	Recalibrating the breakup history of SW Gondwana: U ^{Bb} radioisotopic age constraints from the southern Cape of South Africa. 2020 , 84, 177-193	4
330	On the cause of continental breakup: A simple analysis in terms of driving mechanisms of plate tectonics and mantle plumes. 2020 , 194, 104367	11
329	A telltale signature of Archean lithospheric mantle in the Paran continental flood basalts genesis. 2020 , 364-365, 105519	2
328	WITHDRAWN: On the cause of continental breakup: A simple analysis in terms of driving mechanisms of plate tectonics and mantle plumes. 2020 , 100021	

327	Isotopic (Sr, Nd, and Os) compositions of Zhaxikang diabases, southern Tibet: Records of mantle-plume activity and implications for Zhaxikang Sb-Pb-Zn-Ag mineralization. 2020 , 55, 6765-6778	2
326	Nature of Cretaceous dolerite dikes with two distinct trends in the Damodar Valley, eastern India: Constraints on their linkage to mantle plumes and large igneous provinces from $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology and geochemistry. 2020 , 12, 40-52	4
325	Geomorphic response to neotectonic instability in the Deccan volcanic province, Shetrunji River, western India: Insights from quantitative geomorphology. 2021 , 575-576, 96-110	3
324	Assessing the climatically triggered aggradation-incision processes in a dryland environment during the Late Quaternary period from Shetrunji River basin (Saurashtra), India. 2021 , 585, 70-84	2
323	Conjugate volcanic passive margins in the austral segment of the South Atlantic: Architecture and development. 2021 , 212, 103461	10
322	Global zircon analysis records a gradual rise of continental crust throughout the Neoproterozoic. 2021 , 554, 116654	16
321	Thermochronology of South America passive margin between Uruguay and southern Brazil: A lengthy and complex cooling history based on $(\text{U}/\text{Th})/\text{He}$ and fission tracks. 2021 , 106, 103019	0
320	A machine learning approach for regional geochemical data: Platinum-group element geochemistry vs geodynamic settings of the North Atlantic Igneous Province. 2021 , 12, 101098	3
319	Some relevant issues in volcanic hazard forecasts and management of volcanic crisis. 2021 , 1-24	2
318	Structure of oceanic crust in back-arc basins modulated by mantle source heterogeneity. 2021 , 49, 468-472	7
317	The Impact of Complex Volcanic Plumbing on the Nature of Seismicity in the Developing Magmatic Natron Rift, Tanzania. 2021 , 8,	5
316	Reutilisation of hydrothermal vent complexes for focused fluid flow on continental margins (Modgunn Arch, Norwegian Sea). 2021 , 33, 1111-1134	5
315	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
314	Passive-margin magmatism caused by enhanced slab-pull forces in central Tibet. 2021 , 49, 130-134	7
313	Encyclopedia of Solid Earth Geophysics. 2021 , 1094-1107	
312	Encyclopedia of Solid Earth Geophysics. 2021 , 1085-1094	
311	Continental flood basalt magmatism contemporaneous with Deccan traps in the Mannar basin, offshore Sri Lanka. 2021 , 30, e12409	0
310	Inversion and magnetization homogeneity testing for 2D magnetic sources. 2021 , 86, J13-J19	

309	Large Igneous Provinces (LIPs) and Anoxia Events in The Boring Billion 2021 , 449-486	3
308	Mantle serpentinization beneath a failed rift and post-spreading magmatism in the northeastern South China Sea margin. 2021 , 225, 811-828	3
307	Controls on the preservation of Jurassic volcanism in the Northern Carnarvon Basin. 2021 , 61, 600	1
306	The spatial distribution of igneous centres along the Norwegian Atlantic Margin (Møre and Vøring) and their relationship to magmatic plumbing systems. 2021 , 178, jgs2020-192	1
305	Expedition 396 Scientific Prospectus: Mid-Norwegian Continental Margin Magmatism.	3
304	Low-Velocity Zones and Negative Radial Anisotropy Beneath the Plume Perturbed Northwestern Deccan Volcanic Province. 2021 , 126, e2020JB020295	7
303	Olivine and Cr-spinel as indicators of the petrogenesis and partial melting conditions of the high-MgO ultramafic volcanic rocks from NW Ad Dhala Province, Yemen. 2021 , 40, 532-556	
302	Seismic Imaging of an Intracrustal Deformation in the Northwestern Margin of the South China Sea: The Role of a Ductile Layer in the Crust. 2021 , 40, e2020TC006260	3
301	From subduction to strike slip-related volcanism: insights from Sr, Nd, and Pb isotopes and geochronology of lavas from Sivas-Malatya region, Central Eastern Anatolia. 2021 , 110, 849-874	4
300	Seismic Structure, Gravity Anomalies and Flexure Along the Emperor Seamount Chain. 2021 , 126, e2020JB021109	109
299	Identification of a new 485 Ma post-orogenic mafic dyke swarm east of the Pan-African Saldania-Gariep Belt of South Africa. 2021 , 354, 106043	2
298	Primordial neon in high- ³ He/ ⁴ He Baffin Island olivines. 2021 , 558, 116762	1
297	AFRP20: New P-Wavespeed Model for the African Mantle Reveals Two Whole-Mantle Plumes Below East Africa and Neoproterozoic Modification of the Tanzania Craton. 2021 , 22, e2020GC009302	9
296	Tectonic Switch From Triassic Contraction to Jurassic-Cretaceous Extension in the Western Tarim Basin, Northwest China: New Insights Into the Evolution of the Paleo-Tethyan Orogenic Belt. 2021 , 9,	0
295	Serial interaction of primitive magmas with felsic and mafic crust recorded by gabbroic dikes from the Antarctic extension of the Karoo large igneous province. 2021 , 176, 1	
294	Oceanic crustal flow in Iceland observed using seismic anisotropy. 2021 , 14, 168-173	2
293	Widespread hydrothermal vents and associated volcanism record prolonged Cenozoic magmatism in the South China Sea.	3
292	Balanced Cross-Sections and Numerical Modeling of the Lithospheric-Scale Evolution of the Hindu Kush and Pamir. 2021 , 126, e2020JB020678	2

291	Overview of regional gravity field computation models and application of a novel method in imaging the lithospheric architecture and destruction of the North China Craton. 2021 , 215, 103548	10
290	The Opening of the North Atlantic. 2021 , 1-27	
289	Do Olivine Crystallization Temperatures Faithfully Record Mantle Temperature Variability?. 2021 , 22, e2020GC009157	12
288	A revised interpretation of the Chon Aike magmatic province: Active margin origin and implications for the opening of the Weddell Sea. 2021 , 386-387, 106013	7
287	Structure and evolution of the Atlantic passive margins: A review of existing rifting models from wide-angle seismic data and kinematic reconstruction. 2021 , 126, 104898	7
286	Flexural uplift and magmatic underplating anomaly on the Argentine continental margin: profile at 43.5°S. 2021 , 42, 1	
285	Constraining the duration of the Tarim flood basalts (northwestern China): CA-TIMS zircon U-Pb dating of tuffs.	3
284	Lithospheric Control of Melt Generation Beneath the Rungwe Volcanic Province, East Africa: Implications for a Plume Source. 2021 , 126, e2020JB020728	2
283	Drainage system organization after mantle plume impingement: The case of the Horn of Africa. 2021 , 216, 103582	1
282	Extension Discrepancy of the Hyper-Thinned Continental Crust in the Baiyun Rift, Northern Margin of the South China Sea. 2021 , 40, e2020TC006547	0
281	Volatile metal emissions from volcanic degassing and lava-seawater interactions at Kīlauea Volcano, Hawaii 2021 , 2,	10
280	Seismic stratigraphy and the sedimentation history in the Laxmi Basin of the eastern Arabian Sea: Constraints from IODP Expedition 355. 2021 , 12, 101111	1
279	Mantle plumes and their role in Earth processes. 2021 , 2, 382-401	16
278	A tree of Indo-African mantle plumes imaged by seismic tomography. 2021 , 14, 612-619	8
277	The early Statherian (ca. 1800–1750 Ma) Prutivka-Novogol large igneous province of Sarmatia: Geochronology and implication for the Nuna/Columbia supercontinent reconstruction. 2021 , 358, 106185	5
276	Longevity of small-scale (Baby) plumes and their role in lithospheric break-up. 2021 , 227, 439-471	2
275	A New Reference Model for the Evolution of Oceanic Lithosphere in a Cooling Earth. 2021 , 126, e2020JB021528	
274	Plume Versus Slab-Pull: Example from the Arabian Plate. 2021 , 9,	3

273	Pre-to-syn-rift tholeiitic magmatism in a transtensive hyperextended continental margin: Onshore and offshore magmatism of the Campos Basin, SE Brazil. 2021 , 108, 103218	4
272	Geochemical Systematics of High Arctic Large Igneous Province Continental Tholeiites from Canada Evidence for Progressive Crustal Contamination in the Plumbing System. 2021 , 62,	4
271	Structural controls on the emplacement of scoria cones and rhyolite domes of the western Afar margin, Ethiopia. 1	
270	Lithosphere thickness controls the extent of mantle melting, depth of melt extraction and basalt compositions in all tectonic settings on Earth [A review and new perspectives. 2021 , 217, 103614	14
269	Melt volume at Atlantic volcanic rifted margins controlled by depth-dependent extension and mantle temperature. 2021 , 12, 3894	3
268	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
267	Observations of reservoir quality alteration in proximity to igneous intrusions for two distinct sandstones in Scotland. 2021 , 129, 105071	1
266	Magmatism in the Siang window of the Eastern Himalayan Syntaxis, NE India: a vestige of Kerguelen mantle plume activity. SP518-2021-13	2
265	Sand and mud generation from continental flood basalts in contrasting landscapes and climatic conditions (ParanáEtendeka conjugate igneous provinces, Uruguay and Namibia). 2021 , 68, 3447	3
264	The timing of rifting events in the easternmost Mediterranean: U-Pb dating of zircons from volcanic rocks in the Levant margin. 1-21	1
263	Iceland, a Legacy of North Atlantic History. 2021 , 115-178	
262	Iceland, in the Lineage of Two Oceans. 2021 , 1-20	
261	A Ca. 2.25 Ga mafic dyke swarm discovered in the Bastar craton, Central India: Implications for a widespread plume-generated large Igneous Province (LIP) in the Indian shield. 2021 , 360, 106232	9
260	Editorial: Continental margins unleashed - From their early inception to continental breakup. 2021 , 129, 105097	
259	Amphibolite-granulite facies mid-crustal basement in Deccan Large Igneous Province and its implication on Precambrian crustal evolution: evidence from Killari borehole studies. 1	1
258	Insights into OIB-like magmatism contemporaneous with oceanic subduction: Petrogenetic constraints on the Kendelong metagabbro in the North Qaidam. 2021 , 392-393, 106130	4
257	The cause for Nuna breakup in the Early to Middle Mesoproterozoic. 2021 , 362, 106287	4
256	Magma-assisted fragmentation of Pangea: Continental breakup initiation and propagation. 2021 , 96, 56-75	4

255	Mesoarchean continental intraplate volcanism and sedimentation: The case of the Simlipal basin, Singhbhum Craton, eastern India. 2021 , 361, 106245	5
254	Recognition and characterization of small-scale sand injectites in seismic data: Implications for reservoir development. jgs2021-041	1
253	Early Cretaceous Greater Kerguelen Large Igneous Province and its plumbing systems: A contemplation on concurrent magmatic records of the eastern Indian Shield and adjoining regions.	5
252	Magmatic indicators of subduction initiation: The bimodal Goas intrusive Suite in the Pan-African Damara Belt of Namibia. 2021 , 362, 106309	2
251	The importance and difficulties of identifying mantle plumes in orogenic belts: An example based on the fragmented large igneous province (LIP) record in the Ural fold belt. 2021 , 361, 106186	4
250	Petrological and Geochemical Studies on the Basalts of Mandla Lobe, Eastern Deccan Volcanic Province; Implications on the Shallow Melting of a Spinel Peridotite and Crustal Contamination. 2021 , 97, 843-858	
249	Rift Focusing and Magmatism During Late-Stage Rifting in Afar. 2021 , 126, e2020JB021542	0
248	Mantle deformation beneath the Western Ghats, India: Insights from core-refracted shear wave splitting analysis. 2021 , 218, 104848	
247	Evidence for continental rifting from two episodes of mid-Neoproterozoic silicic magmatism in the northeastern Yangtze Block, China. 2021 , 363, 106336	3
246	Petrological and geochemical characterization of metamorphic sole rocks beneath the RasKoh ophiolite, western Pakistan: Implication for a Late Cretaceous supra-subduction zone-type forearc. 2021 , 56, 5673	
245	Mapping the Moho depth and ocean-continent transition in the South China Sea using gravity inversion. 2021 , 218, 104864	1
244	The Colider and Roosevelt volcanic rocks (sw amazonian craton): geochemistry and sm-nd isotope characteristics of a silicic large igneous province. 1	3
243	Large calcium isotope fractionations by zeolite minerals from Iceland. 2021 , 2,	1
242	Platinum-group element geochemistry of the Paraná flood basalts [Modelling metallogenesis in rifting continental plume environments. 2021 , 311, 74-101	0
241	Crustal extension and magmatism along the northeastern margin of the South China Sea: Further insights from shear waves. 2021 , 817, 229073	0
240	Spatial distribution and origin of the high-velocity lower crust in the northeastern South China Sea. 2021 , 229086	1
239	Crustal structure beneath the Zhongsha Block and the adjacent abyssal basins, South China Sea: New insights into rifting and initiation of seafloor spreading. 2021 , 99, 53-76	1
238	Magnetotelluric evidence for an Archaean [Proterozoic lithospheric assemblage within the Cambay rift basin, western India, and its role in channeling of plume-derived fluids within the basin. 2021 , 818, 229064	

237	Morphostructure, emplacement and duration of the Abrolhos Magmatic Province: A geophysical analysis of the largest post-breakup magmatism of the South-Eastern Brazilian margin. 2021 , 133, 105230	2
236	Determining static reservoir connectivity using noble gases. 2021 , 582, 120410	1
235	The origin of the earliest Jurassic basaltic rocks in southern Jiangxi Province, southeastern China: Implications for interaction between the asthenosphere and metasomatised lithosphere. 2021 , 404-405, 106444	1
234	Quantifying exhumation using compaction and vitrinite reflectance in the Southern Bonaparte Basin, North West Shelf, Australia. 2021 , 134, 105318	
233	An exotic Cretaceous kimberlite linked to metasomatized lithospheric mantle beneath the southwestern margin of the São Francisco Craton, Brazil. 2022 , 13, 101281	1
232	Phanerozoic Large Igneous Province, Petroleum System, and Source Rock Links. 2021 , 191-228	1
231	Phanerozoic Minor Volcanics and Intrusives of the Arabian-Nubian Shield. 2021 , 687-736	1
230	Volcanoes and Plate Tectonics. 2021 , 367-405	0
229	History of the Pacific Superplume: Implications for Pacific Paleogeography Since the Late Proterozoic. 2007 , 363-408	12
228	Plumes and Plume Clusters on Earth and Venus: Evidence from Large Igneous Provinces (LIPs). 2007 , 537-562	4
227	The Uplift-Climate Connection: A Synthesis. 1997 , 471-515	39
226	Norway Svalbard Continental Margin: Structural and Stratigraphical Styles. 1992 , 157-185	12
225	Mathematical Geosciences: Local Singularity Analysis of Nonlinear Earth Processes and Extreme Geo-Events. 2018 , 179-208	1
224	Seismic Anisotropy in the Asthenosphere Beneath the Eifel Region, Western Germany. 2007 , 439-464	3
223	Iceland: The current picture of a ridge-centred mantle plume. 2007 , 71-126	5
222	Geochemical and Petrological Characteristics of Mesozoic Dykes from Schirmacher Oasis (East Antarctica). 2011 , 3-18	3
221	Mafic Dykes of Rewa Basin, Central India: Implications on Magma Dispersal and Petrogenesis. 2011 , 141-165	6
220	From rifting to oceanic spreading in the Gulf of Aden: A synthesis. 2013 , 385-427	11

219	Introduction. 2014 , 1-18	1
218	Impact Decompression Melting: A Possible Trigger for Impact Induced Volcanism and Mantle Hotspots ?. 2003 , 91-119	7
217	Seafloor Spreading Initiation: Geophysical and Geochemical Constraints from the Thetis and Nereus Deeps, Central Red Sea. 2015 , 79-98	3
216	Encyclopedia of Solid Earth Geophysics. 2011 , 857-869	3
215	Encyclopedia of Marine Geosciences. 2015 , 1-11	2
214	The Fluid Crustal Layer and Its Implications for Continental Dynamics. 1990 , 509-544	58
213	Volcanic Margin Concepts. 1995 , 1-16	47
212	Constraints on Rifting Processes from Refraction and Deep-Tow Magnetic Data: The Example of the Galicia Continental Margin (West Iberia). 1995 , 197-217	21
211	Lithosphere-Asthenosphere Interactions Below Rifts. 1995 , 17-30	27
210	Finite Duration Rifting, Melting and Subsidence at Continental Margins. 1995 , 31-54	13
209	Anisotropy Measurements and the Deep Structure of a Passive Margin: Southwestern Greenland. 1995 , 121-146	1
208	Rifted Continental Margin off Mid-Norway. 1995 , 147-153	17
207	The Edge Experiment and the U.S. East Coast Magnetic Anomaly. 1995 , 155-181	32
206	Post-Tortonian Deformation Pattern in the Central Mediterranean: A Result of Extrusion Tectonics Driven by the Africa-Eurasia Convergence.. 1993 , 65-104	11
205	Subduction Zones, Magmatism, and the Breakup of Pangea. 1993 , 225-247	5
204	Reconstructing Eustatic and Epeirogenic Trends from Paleozoic Continental Flooding Records. 1995 , 209-246	5
203	The Dead Sea Transform and the Volcanism in Northwestern Arabia. 2014 , 91-108	5
202	Mafic alkaline magmatism associated with the European Cenozoic rift system. 1992 , 173-182	0

201	The igneous petrology and magmatic evolution of the Midcontinent rift system. 1992 , 33-40	0
200	Tectonics and stratigraphy of the East Brazil Rift system: an overview. 1992 , 97-138	8
199	Some remarks on the structure and geodynamics of the Kenya Rift. 1992 , 257-268	3
198	Plate tectonics, plate moving mechanisms and rifting. 1992 , 9-34	3
197	Geodynamics of rifting and implications for hydrocarbon habitat. 1992 , 221-253	3
196	Transfer zones and associated volcanic province in the eastern Valencia Basin: Evidence for a hot rifted margin?. 2020 , 119, 104419	13
195	Diversity in the peninsular Indian lithosphere revealed from ambient noise and earthquake tomography. 2020 , 306, 106523	7
194	. 1991 ,	3
193	Geophysical characterization of mantle melting anomalies: A crustal view. 2007 , 507-524	2
192	Cenozoic extensional tectonics of the U.S. Cordillera. 553-17	60
191	The role of Mesozoic rifting in the opening of the NE Atlantic: evidence from deep seismic profiling across the Faroe-Shetland Trough. 2005 , 162, 661-673	12
190	Magmatic and tectonic evolution of the North Atlantic. 2008 , 165, 31-42	57
189	Discussion on thermal and tectonic history of the East Midlands shelf (onshore UK) and surrounding regions assessed by apatite fission track analysis. 1991 , 148, 785-787	11
188	Palaeogene peraluminous magmatism, crustal melting and continental breakup: the Erlend complex, Faeroe-Shetland Basin, NE Atlantic. 1993 , 150, 903-914	20
187	Magma sources and plumbing systems during break-up of the SE Greenland margin: preliminary results from ODP Leg 152. 1995 , 152, 985-990	23
186	Prolonged dynamic support from the Icelandic plume of the NE Atlantic margin. 2018 , 175, 396-410	7
185	Speculative Volcanology. 2018 , 10, 273-294	14
184	Site U1456.	9

183	Site U1457.	6
182	.	14
181	Variation in depositional environments controlled by tectonics and volcanic activities in the lower part of the Seongdongri Formation, Janggi Basin. 2018 , 54, 21-46	4
180	Interaction between Permo-Triassic rifting, magmatism and initiation of the Adriatic-Dinaridic carbonate platform (ADCP). 2005 , 48, 181-204	7
179	.	1
178	Expedition 324 summary.	9
177	.	2
176	Magmatism of Mon and Knipovich ridges, polar Atlantics spreading zones, petrogeochemical study, Mid-Atlantic Ridge. 2000 , 2, 243-267	1
175	Kola alkaline province in the Paleozoic: evaluation of primary mantle magma composition and magma generation conditions. 2001 , 3, 1-32	37
174	Cr-rich magnesiokatophorite as an indicator of mantle metasomatism by hydrous Na-rich carbonatite. 2013 , 108, 215-226	4
173	Petrochemistry of Jurassic and Cretaceous tholeiites from Kong Karls Land, Svalbard, and their relation to Mesozoic magmatism in the Arctic. 1997 , 16, 37-62	11
172	La dorsal NE de Tenerife: hacia un modelo del origen y evoluci3n de los rifts de islas oce3nicas. 2009 , 65, 5-47	5
171	Petrography, Geochemistry and Petrogenesis of Basal Flow from Ar-Rabba Area, Central Jordan. 2016 , 07, 378-396	3
170	Structures and Styles of Deformation in Rift, Ridge, Transform Zone, Oblique Rift and a Microplate Offshore/Onshore North Iceland. 2018 , 09, 461-511	3
169	Semi-Conducting Behavior of Plio-Quaternary Basaltic Lava Flows from Hemat Madam Volcano, Sana3-Amran Volcanic Field, Yemen. 2015 , 03, 1610-1618	1
168	Tectonic Control of the Reykjanes Geothermal Field in the Oblique Rift of SW Iceland: From Regional to Reservoir Scales. 2018 , 08, 333-382	9
167	Unstable Rifts, a Leaky Transform Zone and a Microplate: Analogues from South Iceland. 2020 , 10, 317-367	4
166	Kinematics of the South Atlantic rift.	24

- 165 Asymmetry of high-velocity lower crust on the South Atlantic rifted margins and implications for the interplay of magmatism and tectonics in continental break-up. 5
- 164 Geodynamic evolution of a wide plate boundary in the Western Mediterranean, near-field versus far-field interactions. **2021**, 192, 48 4
- 163 Effects of asthenospheric flow and orographic precipitation on continental rifting. **2021**, 820, 229120 1
- 162 Imaging the Ethiopian Rift Region Using Transdimensional Hierarchical Seismic Noise Tomography. **2021**, 178, 4367 0
- 161 From Continent to Ocean: Investigating the Multi-Element and Precious Metal Geochemistry of the Paran-Etendeka Large Igneous Province Using Machine Learning Tools. 1,
- 160 Possible occurrence of Palaeoarchean ferropicrite cumulates and ferrobasalts in the Jojohatu area of North Singhbhum Craton, eastern India: Evidence for a mantle plume source. **2021**, 56, 5839-5862 3
- 159 Magmatic rifting in the Main Ethiopian Rift began in thick continental lithosphere; the case of the Galema Range. **2021**, 406-407, 106494 0
- 158 Subaerial Terrestrial Volcanism. **2000**, 9-37
- 157 References. **2000**,
- 156 NUMERICAL SIMULATION OF FAULT DEVELOPMENT IN THE RED SEA RIFT SYSTEM BY USING FINITE ELEMENT METHOD. **2006**, 17, 169-183
- 155 Convection in the Earth's Mantle. **2009**, 175-183
- 154 Break-up of Gondwana and Assembly of Antarctica. **2011**, 491-515
- 153 Metabazyty pasma Novho Msta. **2013**,
- 152 Temperature and Magmatic Processes. **2014**, 79-100
- 151 Encyclopedia of Marine Geosciences. **2014**, 1-7
- 150 Encyclopedia of Planetary Landforms. **2014**, 1-9
- 149 Encyclopedia of Astrobiology. **2014**, 1-2
- 148 Contribution to the Petrography, Geochemistry, and Petrogenesis of Zarqa-Ma'in Pleistocene Alkali Olivine Basalt Flow of Central Jordan. **2014**, 05, 657-672 3

147 Speculations on the origin of the North American Midcontinent rift. **1992**, 49-55

146 Nature of the crust beneath magmatically active continental rifts. **1992**, 269-284

145 A stretching model for the Oslo Rift. **1992**, 19-36

144 K-Ar ages of the Brandberg and Okenyenya igneous complexes, north-western Namibia. **1994**, 348-356

143 Constraints on Melt Production Rate Beneath the Mid-ocean Ridges Based on Passive Flow Models. **1996**, 589-620

142 Non-Isostatic Slab-Support for Island Arcs and Back-Arc Basins. **1997**, 297-304

141 Preferential deposition and preservation of structurally-controlled synrift reservoirs: Northeast Red Sea and Gulf of Suez. **2005**, 10, 97-124 9

140 . 1

139 Composition of the Crust and the Mantle. **2015**, 3-28

138 Encyclopedia of Astrobiology. **2015**, 1440-1442

137 Seismicity of the Western Side of the Southern Red Sea. **2015**, 161-173 1

136 Encyclopedia of Marine Geosciences. **2015**, 1-11 1

135 Encyclopedia of Planetary Landforms. **2015**, 1119-1125

134 Pyroxenite xenoliths in basalts of the Roca Negra volcano, Catalonia. **2015**, 15, 1-13

133 Deccan Trap, India. **2016**, 183-214

132 Temperature and Magmatic Processes. **2017**, 81-102

131 Neotectonic Properties of Yazġan (Malatya) its surrounding area Petrography and Geochemistry of the Volcanics. **2017**, 20, 143-157

130 Introduction to the thematic set: Rifts III: catching the wave. **2018**, 24, 376-378

- 129 Stratigraphic Descriptions. **2019**, 47-206
- 128 Tectonostratigraphic Evolution of the U.S. Chukchi Sea Area. **2019**, 261-294
- 127 Petrography, Geochemistry and Petrogenesis of Pleistocene Basaltic Flow from Northwest Atarous Area, Central Jordan. **2019**, 10, 613-631 1
- 126 Extension Structures in the Central Arctic Submarine Elevations Complex. **2019**, 60, 1-13 1
- 125 Mineralogy, geochemistry and petrogenesis of protolith of amphibolites from the North east of Yan-Cheshmeh, South east of Zayandeh-rud lake. **2019**, 27, 19-30 0
- 124 Encyclopedia of Solid Earth Geophysics. **2020**, 1-10
- 123 Hydraulically conductive fault zone responsible for monsoon triggered earthquakes in Talala, India. **2021**, 820, 229117 0
- 122 Dharwar Craton. **2020**, 41-88
- 121 Encyclopedia of Solid Earth Geophysics. **2020**, 1-13
- 120 The Lu/Hf Isotope Composition of Zircon from Syenites of the Saharjok Alkaline Massif, Kola Peninsula. **2020**, 62, 574-583 0
- 119 Potential Geoparks of Georgia. **2021**, 57-81 1
- 118 The Antarctic Continent in Gondwana: a perspective from the Ross Embayment and Potential Research Targets for Future Investigations. **2022**, 219-296 2
- 117 Western Continental Margin and Adjacent Oceanic Regions. **2020**, 167-200
- 116 Petrological and geochemical study of the Sylhet trap basalts, Shillong plateau, N.E. India: Implications for petrogenesis. **2020**, 2, 01-18
- 115 Multistage magmatic intrusion in Narmada-Tapti region, India: Insights from geopotential modelling. **2021**, 130, 1 2
- 114 The Magmatic Architecture of Continental Flood Basalts I: Observations From the Deccan Traps. **2021**, 126, e2021JB021808 2
- 113 Earth's Surface Morphology and Convection in the Mantle. **2001**, 111-137
- 112 Mid-Atlantic Coastal Plain and Continental Margin. 69-78

- 111 Indian Shield. **2021**, 53-96
- 110 Variable magma flow in sills: Can a magma source be constrained?. **2022**, 421, 107427
- 109 A Short Walk through Gravity Studies at CSIR-NGRI, India. **2021**, 97, 1121-1134
- 108 The Limpopo Magma-Rich Transform Margin, South Mozambique \square : Implications for the Gondwana Breakup. **2021**, 40, e2021TC006914 3
- 107 Inter-cratonic geochronological and geochemical correlations of the Derim Derim-Galiwinku/Yanliao reconstructed Large Igneous Province across the North Australian and North China cratons. **2021**, 103, 473-473 1
- 106 The life cycle of large igneous provinces. 5
- 105 Miocene to sub-Recent magmatism at the intersection between the Dead Sea Transform and the Ash Shaam volcanic field: evidence from the Yarmouk River gorge and vicinity. 1-25 1
- 104 An overview of the plumbing systems of Large Igneous Provinces and their significance. SP518-2021-167 0
- 103 The Limpopo magma-rich transform margin, South Mozambique \square Part 1: Insights from deep-structure seismic imaging. e2021TC006915 4
- 102 Probabilistic Linear Inversion of Satellite Gravity Gradient Data Applied to the Northeast Atlantic. **2021**, 126, e2021JB021854
- 101 Comparison of Different Coupling Methods for Joint Inversion of Geophysical Data: A Case Study for the Namibian Continental Margin. **2021**, 126, e2021JB022092 0
- 100 New high-precision $^{40}\text{Ar}/^{39}\text{Ar}$ ages for the Serra do Mar alkaline magmatism in the S\~{e}o Sebasti\~{a}o Island, SE Brazil, and implications. **2021**, 51,
- 99 Effusive silicate volcanism: Observations and processes. **2022**, 5-75 1
- 98 Magmatism within the northern margin of the South China Sea during the post-rift stage: An overview, and new insights into the geodynamics. **2022**, 225, 103917 1
- 97 Flexural subsidence modelling of post-rift paleobathymetry and sedimentary infill in the northern South China Sea margin. **2022**, 226, 105076 0
- 96 Do\~{u} Anadolu Fay Sistemi Boyunca Geli\~{s}en Kuvaterner Mafik Alkali Volkanizmas\~{n}\~{n} Petrojenezi ve Tektonik Konumu, G\~{e}ydo\~{u} Anadolu Orojenik Ku\~{s}u\~{n}u\~{n}un Elaz\~{i} 1
- 95 Imaging Mesozoic Sediments in Deccan Volcanic Province of India: Inferences from Seismic and Gravity Studies. **2021**, 97, 1260-1273
- 94 Geochemical composition of dykes along the Cameroon Line (CL): Petrogenesis and similarities with the Central Atlantic Magmatic Province. **2022**, 125865

- 93 Seismo-Geophysical Studies in the Antarctic Region: Geodynamical Implications. **2022**, 287-341
- 92 The interactions of volcanism and clastic sedimentation in rift basins: Insights from the Palaeogene-Neogene Shaleitian uplift and surrounding sub-basins, Bohai Bay Basin, China. ○
- 91 Expedition 396 Preliminary Report: Mid-Norwegian Margin Magmatism and Paleoclimate Implications.
- 90 On the Origin of Seismic Anisotropy in the Shallow Crust of the Northern Volcanic Zone, Iceland. **2022**, 127, ○
- 89 Plume-ridge interactions in the Central Indian Ocean Basin: Insights from new wide-angle seismic and potential field modelling. **2022**, 824, 229222 ○
- 88 Ca. 815 Ma intra-plate granitoids and mafic dykes from Emeishan pluton in the western Yangtze Block, SW China: A record of rifting during the breakup of Rodinia. **2022**, 371, 106569
- 87 Tectonic evolution, volcanic features and geochemistry of the Paleoproterozoic Salla belt, northern Fennoscandia: From 2.52 to 2.40 Ga LIP stages to ca. 1.92–1.90 Ga collision. **2022**, 371, 106597
- 86 The Influence of Tectonics on the Distribution of Exhumation in the Northern Carnarvon Basin, Australia.
- 85 Joint inversion of receiver functions and surface wave dispersion in the Recôncavo-Ilhéus basin of NE Brazil: implications for basin formation. **2022**, 230, 317-333 ○
- 84 Methodology for evaluating the North Atlantic Igneous Province reveals multiple hotspots at breakup.
- 83 Magmatism at Passive Margins: Effects of Depth-Dependent Wide Rifting and Lithospheric Counterflow. **2022**, 127, ○
- 82 Gondwana break-up controlled by tectonic inheritance and mantle plume activity: Insights from Natal rift development (South Mozambique, Africa). 1
- 81 Audiomagnetotelluric (AMT) studies across Aravali-Tural-Rajawadi geothermal zones, western Maharashtra, India. **2022**, 198, 104579 ○
- 80 Crust first/mantle second and mantle first/crust second; lithospheric breakup scenarios along the Indian margins. SP524-2021-109
- 79 Development of Foreland Intracratonic Plateaus (Ozark Plateau and Appalachian Plateaus): A Consequence of Topographic Inversion Due To Erosion of Adjacent Fold-Thrust Belts. **2022**, 41, 1
- 78 The role of plate geometry and boundary type in global plate ductility and mantle convection. **2022**, 104580 ○
- 77 Geology of Large River Systems. **2022**, 7-41 1
- 76 Understanding ancient tectonic settings through detrital zircon analysis. **2022**, 583, 117425 ○

75	Cratonic keels controlled the emplacement of the Central Atlantic Magmatic Province (CAMP). 2022 , 584, 117480	0
74	Deccan volcanism at K-Pg time. 2022 ,	
73	Geotectonic evolution of prominent rift structures beneath Deccan Volcanic Province: Inferences from satellite gravity studies. 2022 , 131,	0
72	Table_1.DOCX. 2019 ,	
71	Table_2.XLSX. 2019 ,	
70	Table_1.DOCX. 2018 ,	
69	Lower crustal intraplate seismicity in Kachchh region (Gujarat, India) triggered by crustal magmatic infusion: Evidence from shear wave velocity contrast across the Moho. 2022 , 100073	
68	Constraints on the lithospheric structure and tectonics of Archean Dharwar Craton, southern India from geophysical and geological data: Evidence for modified lithosphere. 2022 , 100071	0
67	Secular evolution of the subcontinental lithospheric mantle beneath Indian cratons: Insights from geochemistry and geochronology of the Precambrian mafic dykes. 2022 , 106729	1
66	Application of a probability model to detect unrecognised igneous intrusions in sedimentary basins. 2022 , 62, S426-S430	
65	Poisson's Ratio Structure Beneath the Nazca Ridge. 2022 , 49,	2
64	Exploring a lost ocean in the Tibetan Plateau: Birth, growth, and demise of the Bangong-Nujiang Ocean. 2022 , 229, 104031	1
63	Rift-related multistage evolution of the Mangalwar Complex, Aravalli Craton (NW India): Evidence from elemental and SrNd isotopic features of Proterozoic amphibolites.	0
62	Tectonic Geomorphology of Passive Margins and Continental Hinterlands. 2013 , 270-292	
61	3D thermal and rheological models of the southern Rõ de la Plata Craton (Argentina): implications for the initial stage of the Colorado rifting and the evolution of Sierras Australes.	0
60	Paleogene drainage system evolution in the NE Faroe-Shetland Basin. jgs2021-121	0
59	Early Miocene magmatism in the Baiyun Sag (South China Sea): A view to the origin of intense post-rift magmatism. 2022 ,	0
58	Machine learning-based re-classification of the geochemical stratigraphy of the Rajahmundry Traps, India. 2022 , 428, 107594	1

57	Evolution of the Karoo-Maud Plume and Formation of Mesozoic Igneous Provinces in Antarctica. 2022 , 60, 509-529	0
56	What Drives Plate Motion?.	
55	Paleogene buried landscapes and climatic aberrations triggered by mantle plume activity. 2022 , 593, 117644	0
54	A Novel Filter [mpTAHG]for Edge Detection and a Case Study from Cambay Rift Basin, India.	1
53	Detailed Regional Magnetic Mapping on a Bike, A Case Study from Northern Israel.	1
52	Controls on riverine calcium isotope ratios during basalt weathering in the Skagafjörður watershed, Iceland. 2022 ,	0
51	Migration and tectonic implications of Late Jurassic mafic magmatism in South China. jgs2022-021	
50	Evolution of the Western Ghats: Constraints from receiver function imaging and harmonic decomposition. 2022 , 838, 229472	1
49	Seismic investigations around an aseismic Comorin ridge, Indian Ocean. jgs2021-113	0
48	Rñion plume associated flood basalt volcanism on the northwestern continental margin of India and related tectonics. 2022 , 237, 105352	1
47	What is a Rifted Margin? From the Early Models to Modern Views and Future Challenges. 2022 , 71-176	
46	What is Rifting? Introduction and Basic Definitions. 2022 , 3-69	
45	Geodynamic generation of a Paleocene-Eocene landscape buried beneath North Bressay, North Sea.	0
44	Ti-Rich Tholeiitic Picrites from the Prinsen Af Wales Bjerge, East Greenland, and Evidence for A Pyroxene-Rich Mantle Source at Breakup in the North Atlantic.	
43	Regional control structures of kimberlite emplacement in the southern São Francisco Craton basement: A multidisciplinary approach including a representative example from Junco diatreme (Divinópolis, MG, Brazil). 2022 , 119, 104027	0
42	Correlations among large igneous provinces related to the West Gondwana breakup: A geochemical database reappraisal of Early Cretaceous plumbing systems. 2023 , 14, 101479	0
41	New Insights on the Origin of Barra Volcanic Ridge System, Offshore Ireland: A Long-Distance Influence of the Iceland Mantle Plume.	0
40	Integrating forward stratigraphic modeling with basin and petroleum system modeling. 2022 , 625-672	0

39	Breakup mechanism of the northern South China Sea: Evidence from the deep crustal structure across the continent-ocean transition. 2022,	1
38	Crustal Structure of the Camamu-Almada Margin Along the Northeastern Rift Segment of Brazil From an Integration of Deep-Penetration Seismic Reflection Profiles, Refraction, and Gravity Modeling. 2022, 41,	1
37	South and East African Fracture Zones: a long lifespan since the breakup of Gondwana. 2023, 524,	0
36	The Diking Cycle at Divergent Plate Boundaries. 2022, 189-215	0
35	Petrology and geochemistry of Bhanjada Bet phonolites, Kutch, Gujarat in Western Deccan Province: Possibility of a mantle-derived primary phonolite magma. 2022, 131,	0
34	A complex mantle plume head below East Africa-Arabia shaped by the lithosphere-asthenosphere boundary topography.	0
33	Critical metals and minerals in the Nordic countries of Europe: diversity of mineralisation and green energy potential. 2023, 526,	1
32	Plume-induced flood basalts on Hesperian Mars: An investigation of Hesperia Planum. 2023, 391, 115338	0
31	Seismic Constraints on Crustal and Uppermost Mantle Structure Beneath the Hawaiian Swell: Implications for Plume-Lithosphere Interactions. 2022, 127,	0
30	Eocene to middle Miocene contourite deposits in Cyprus: A record of Indian Gateway evolution. 2022, 219, 103983	0
29	?????????-?????. 2022, 47, 2337	0
28	Hot or Fertile Origin for Continental Break-Up Flood Basalts: Insights from Olivine Systematics. 2022, 2022,	0
27	Salt geometry in the Central Basin of the Nova Scotia passive margin, offshore Canada based on new seismic data. 2022, 106065	0
26	Surface wave phase velocity variations underneath the Indian Ocean geoid low. 2022, 229688	0
25	Origin and Evolution of Peninsular India, Western Ghats, and its Diverse Life Forms. 2023, 43-56	0
24	Mantle source lithologies for the Columbia River flood basalt province. 2023, 178,	0
23	Columbia River Rhyolites: Age-Distribution Patterns and Their Implications for Arrival, Location, and Dispersion of Continental Flood Basalt Magmas in the Crust. 2023, 13, 46	0
22	Ignition of the southern Atlantic seafloor spreading machine without hot-mantle booster. 2023, 13,	0

- 21 Volcanic passive margins and break-up processes in the southern Red Sea. **2023**, 117, 169-193 ○
- 20 Feedbacks Between Internal and External Earth Dynamics. **2023**, 271-294 ○
- 19 2-D V p and V s Models of the Indian Oceanic Crust Adjacent to the NinetyEast Ridge. **2023**, 128, ○
- 18 Measuring Indian coastline using optimum scale: a case study. **2023**, 44, ○
- 17 Expedition 396 summary. 1
- 16 New insights on the origin of Barra volcanic ridge system, offshore Ireland: A long-distance influence of the Iceland mantle plume. **2023**, 152, 106237 ○
- 15 Multi-window spectrum analysis of Bžios oil field PSDM seismic data applied to frequency attenuation study. **2023**, 213, 105015 ○
- 14 Petrogenesis of the alkali basalt and trachy-andesite suite in the northern Tarim Basin, NW China: Implications for crust-mantle interactions controlled by the Permian mantle plume. **2023**, 119, 86-103 ○
- 13 Structure and morphology of the Red Sea, from the mid-ocean ridge to the ocean-continent boundary. **2023**, 849, 229728 ○
- 12 Towards a process-based understanding of rifted continental margins. **2023**, 4, 166-184 ○
- 11 Systematic and Temporal Geochemical Changes in the Upper Deccan Lavas: Implications for the Magma Plumbing System of Flood Basalt Provinces. **2023**, 24, ○
- 10 Rifting Continents. **2023**, 459-481 ○
- 9 Lithospheric Magnetic Anomalies over Large Igneous Province Territories. **2022**, 58, 1208-1217 ○
- 8 The influence of lithospheric rheology and surface processes on the preservation of escarpments at rifted margins. **2023**, 851, 229769 ○
- 7 Formation and geophysical character of transitional crust at the passive continental margin around Walvis Ridge, Namibia. **2023**, 14, 237-259 ○
- 6 Geodynamics of continental rift initiation and evolution. **2023**, 4, 235-253 ○
- 5 Conditions for the Formation of Uplift by a Plume that Has Not Reached the Surface. **2022**, 56, 781-790 ○
- 4 New Insights Into the Rift-To-Drift Process of the Northern South China Sea Margin Constrained by a Three-Dimensional Wide-Angle Seismic Velocity Model. **2023**, 128, ○

- 3 Paleo-Mesoproterozoic meta-basalts within the Caiziyuan-Tongan accretionary complex in the southwestern Yangtze Block, South China: Evidence for the breakup of the Nuna supercontinent. **2023**, 251, 105660 ○
- 2 Sr, Nd, Pb, and Os Isotope Systematics and Derivation of Mesozoic Plume-Related Basalts of Antarctica: Karoo-Maud and Kerguelen Plume Realm. **2023**, 61, 43-61 ○
- 1 Plume–atmosphere interactions and LIP-triggered climate crises constrained by the origin of Karoo lamproites. **2023**, ○