Approximation of terrestrial lead isotope evolution by a two-stage model

DOI: 10.1016/0012-821x(75)90088-6
Earth and Planetary Science Letters, 1975, 26, 207-221.

#	Paper	IF	Citations
2327	New Insights into Pb Isotope Fingerprinting of UMine Material Dissemination in the Environment: Pb Isotopes as a Memory Dissemination Tracer.		
2326	Ore lead isotope ratios in a continuously changing earth. *Earth and Planetary Science Letters*, **1975**, 28, 155-171	5.3	797
2325	Geochronology of the Twillingate Granite and Herring Neck Group, Notre Dame Bay, Newfoundland. **1976**, 13, 1591-1601		24
2324	Zircon U-Pb ages of the Franzfontein granitic suite, northern South West Africa. **1976**, 3, 415-431		31
2323	Strontium and lead isotopic ratios, heterogeneous accretion of the Earth, and mantle plumes. **1976**, 40, 482-485		7
2322	Source of lead in Central American and Caribbean mineralization. *Earth and Planetary Science Letters*, **1976**, 31, 262-268	5.3	13
2321	Isotopic age and metamorphic history of the banded gneiss at Danmarkshavn, East Greenland. **1976** , 57, 1-24		29
2320	What the exploration of Mars tells us about Earth. **1977**, 30, 23-32		7
2319	Leadâ□incâBarite veins of the Dorion Area, Thunder Bay District, Ontario. **1977**, 14, 1963-1979		10
2318	Ages, isotopes and evolution of Precambrian continental crust. **1977**, 20, 151-187		177
2317	Lead and strontium isotopes in Cretaceous kimberlites and mantle-derived xenoliths from Southern Africa. *Earth and Planetary Science Letters*, **1977**, 34, 419-431	5.3	84
2316	Genetic implications of the isotope and trace element variations in the eastern Sicilian volcanics. *Earth and Planetary Science Letters*, **1977**, 36, 168-180	5.3	83
2315	Lead isotopes in the Grenville and adjacent Palaeozoic formations. **1977**, 14, 56-66		11
2314	Initial Pb of the Amîtsoq gneiss, West Greenland, and implications for the age of the Earth. **1977**, 41, 1283-1301		100
2313	Lead-isotope inhomogeneity in Precambrian igneous K-feldspars. **1977**, 41, 1457-1471		68
2312	Primitive lead in an Australian ZnâPbâBa deposit. **1977**, 270, 423-423		24
2311	Isotopic and geochemical studies on crustal effects in the genesis of the woodlawn Pb-Zn-Cu deposit. **1977**, 65, 227-242		13

2310	Isotopic evidence for genetic relations between acid and alkaline rocks in Italy. **1977**, 60, 109-118		56
2309	Uranium-lead isotope systematics and apparent ages of zircons and other minerals in precambrian granitic rocks, Granite Mountains, Wyoming. **1978**, 65, 243-254		27
2308	The potential source of lead in the Permian Kupferschiefer bed of Europe and some selected Paleozoic mineral deposits in the Federal Republic of Germany. **1978**, 65, 273-281		77
2307	Pb, Nd and Sr isotopes in oceanic ferromanganese deposits and ocean floor basalts. **1978**, 273, 435-438		180
2306	Areal extent and first U-Pb age of the Pre-Damaran Abbabis complex in the central Damara belt of South West Africa (Namibia). **1978**, 67, 706-718		37
2305	Sr evolution in the West Greenland-Labrador craton: a model for early Rb depletion in the mantle. **1978**, 42, 39-44		15
2304	A rubidium-strontium chronology of the metamorphism and prehistory of central Australian granulites. **1978**, 42, 1735-1747		35
2303	Strontium, lead and oxygen isotopic investigation of the Skaergard intrusion, East Greenland. *Earth and Planetary Science Letters*, **1978**, 41, 47-59	5.3	52
2302	Isotopic composition of lead in oceanic basalt and its implication to mantle evolution. *Earth and Planetary Science Letters*, **1978**, 38, 63-87	5.3	467
2301	Lead isotopes in Archaean Plutonic rocks. *Earth and Planetary Science Letters*, **1978**, 38, 237-248	5.3	22
2300	Total-rock UPb and RbSr systematics in the Imataca Series, Guayana Shield, Venezuela. *Earth and Planetary Science Letters*, **1978**, 39, 281-290	5.3	44
2299	The Svecokarelian anomalous ore lead line. **1978**, 100, 19-30		19
2298	Archean rocks in antarctica: 2.5-billion-year uranium-lead ages of pegmatites in enderby land. **1979**, 206, 443-5		61
2297	Pb isotopic composition of feldspars from Scottish Caledonian Granites, and the nature of the underlying crust. **1979**, 15, 139-151		48
2296	Uranium-lead geochronology of the Archean Imataca Series, Venezuelan Guayana Shield. **1979**, 69, 167-176		36
2295	U-Th-Pb geochronology of the Massabesic Gneiss and the granite near Milford, South-Central New Hampshire: New evidence for avalonian basement and taconic and alleghenian disturbances in Eastern New England. **1979**, 71, 1-11		27
2294	Primitive lead in deep crustal xenoliths from the Snake River Plain, Idaho. **1979**, 281, 365-366		17
2293	Geochemical modeling of mantle differentiation and crustal growth. **1979**, 84, 6091		374

2292	Lead-lead systematics, the âgge of the Earthâand the chemical evolution of our planet in a new representation space. *Earth and Planetary Science Letters*, **1979**, 44, 91-104	5.3	57
2291	Total rock RbSr and UThPb isotopic study of Precambrian metavolcanic rocks in the lower Orange River region, southern Africa. *Earth and Planetary Science Letters*, **1979**, 42, 368-378	5.3	26
2290	Isotopic evidence for crustal contamination in the Karroo rhyolites of Swaziland. *Earth and Planetary Science Letters*, **1979**, 45, 263-274	5.3	22
2289	Lead, uranium, strontium, potassium and rubidium in inclusion-bearing diamonds and mantle-derived xenoliths from Southern Africa. *Earth and Planetary Science Letters*, **1979**, 42, 58-70	5.3	162
2288	Thermal evolution of Earth and Moon growing by planetesimal impacts. **1979**, 84, 999		201
2287	Lectures in Isotope Geology. **1979**,		39
2286	Lead isotopes as a tool for gossan assessment in base metal exploration. **1979**, 11, 299-320		35
2285	Geochronology and radiogenic isotope research. **1979**, 17, 824		3
2284	The genesis of Variscan (Hercynian) plutonic rocks: Inferences from Sr, Pb, and O studies on the Maladeta igneous complex, central Pyrenees (Spain). **1980**, 72, 57-72		99
2283	A lead isotope study of mineralization in the Saudi Arabian Shield. **1980**, 74, 175-188		92
2282	The age of mid-proterozoic phosphatic metasediments in Finland as indicated by radiometric U?Pb dates. **1980**, 13, 257-262		8
2281	UâPb, SmâNd and RbâSr systematics of mid-ocean ridge basalt glasses. **1980**, 283, 149-153		224
2280	Two hundred and twenty million years of Archean evolution: a zircon UâPb age stratigraphic study of the UchiâConfederation Lakes greenstone belt, northwestern Ontario. **1980**, 17, 710-721		59
2279	Crustal contamination as an indicator of the extent of early Archaean continental crust: Pb isotopic evidence from the late Archaean gneisses of West Greenland. **1980**, 44, 1437-1453		108
2278	U-Pb and Rb-Sr systematics of the Suomussalmi Archean greenstone belt (Eastern Finland). **1980**, 44, 2033-2044		55
2277	The Pb isotopic composition of Jurassic cherts overlying ophiolites in the North Apennines, Italy. *Earth and Planetary Science Letters*, **1980**, 49, 193-204	5.3	11
2276	Lead-lead systematics: A discussion of the [I, S] diagram proposed by G. Manhes, C.J. Allègre, B. Dupràand B. Hamelin. *Earth and Planetary Science Letters*, **1980**, 49, 252-258	5.3	1
2275	Lead isochron dating of the Seton Formation, East Arm of Great Slave Lake, Northwest Territories. **1980**, 17, 1591-1593		3

2274	A new interpretive procedure for whole rock U-Pb Systems applied to the Vredefort crustal profile. **1981**, 86, 10681-10687		10
2273	Crystallization and age of zircon from Corsican ophiolitic albitites: consequences for oceanic expansion in Jurassic times. *Earth and Planetary Science Letters*, **1981**, 54, 397-408	5.3	56
2272	Pb and Sr isotopic systematics of some basalts and sulfides from the East Pacific Rise at 21´ °N (project RITA). *Earth and Planetary Science Letters*, **1981**, 55, 237-246	5.3	108
2271	Source of lead in Central American and Caribbean mineralization, II. Lead isotope provinces. *Earth and Planetary Science Letters*, **1981**, 56, 199-209	5.3	16
2270	U-Th-Pb systematics in hydrothermally altered granites from the Granite Mountains, Wyoming. **1981**, 45, 635-645		16
2269	Lunar volcanic glasses and their constraints on mare petrogenesis. **1981**, 45, 2137-2149		86
2268	Aspects of isochronism in Pb isotope systematicsâ€application to planetary evolution. **1981**, 45, 1439-1448		13
2267	Plumbotectonicsâ€the model. **1981**, 75, 135-162		1294
2266	Evidence from lead isotopes regarding the genesis of ore deposits in the Chibougamau region, Quebec. **1981**, 18, 708-723		5
2265	Geochronology of the deep profile through archean basement at Vredefort, with implications for early crustal evolution. **1981**, 86, 10663-10680		68
2264	SEDIMENT-HOSTED SUBMARINE EXHALATIVE LEADâ€ZINC DEPOSITS â€A REVIEW OF THEIR GEOLOGICAL CHARACTERISTICS AND GENESIS. **1981**, 469-507		2
2263	On the sources of uranium in some Scottish Caledonian granites. **1981**, 44, 437-442		8
2262	U-Th-Pb systematics of some granitoids from the northeastern Yilgarn Block, Western Australia and implications for uranium source rock potential. **1981**, 28, 365-375		11
2261	U-Pb Studies of Zircon Cores and Overgrowths, and Monazite: Implications for Age and Petrogenesis of the Northeastern Idaho Batholith. **1981**, 89, 433-457		46
2260	Isotope Geochemistry of Tertiary Igneous Rocks from the Isle of Skye, N.W. Scotland. **1981**, 22, 155-189		164
2259	Lead isotope measurements on ores, igneous and sedimentary rocks from the kuroko mineralization area.. **1981**, 15, 135-140		8
2258	Mineral-chemical and isotopic studies of Namaqualand granulites, South Africa: A grenville analogue. **1981**, 77, 225-250		62
2257	Lead isotopic composition of Hercynian granitic K-feldspars constrains continental genesis. **1981**, 291, 460-464		101

2256	The geochronology of uranium deposits in the Great Bear batholith, Northwest Territories. **1982**, 19, 1428-1448		12
2255	Late Archaeanâearly proterozoic source ages of zircons in rocks from the Paleozoic orogen of western Galicia, NW Spain. **1982**, 19, 1-29		35
2254	The protocontinental nature and regional variability of the Central Metasedimentary Belt of the Grenville Province: lead isotope evidence. **1982**, 19, 239-253		30
2253	Improved accuracy of U-Pb zircon dating by selection of more concordant fractions using a high gradient magnetic separation technique. **1982**, 46, 631-635		153
2252	Geochemical investigations of the origin of the Manaslu leucogranite (Himalaya, Nepal). **1982**, 46, 2279-2292		213
2251	Chemical composition and origin of the earth's primitive mantle. **1982**, 46, 179-192		474
2250	Identification of recycled continental material in the mantle from Sr, Nd and Pb isotope investigations. *Earth and Planetary Science Letters*, **1982**, 61, 73-84	5.3	194
2249	Isotopic evolution of the mantle: the role of magma mixing. *Earth and Planetary Science Letters*, **1982**, 57, 1-12	5.3	69
2248	Elemental and isotopic compositions of some metalliferous and pelagic sediments from the Galapagos mounds area, DSDP Leg 70. **1982**, 36, 275-298		26
2247	Improved accuracy of U-Pb zircon ages by the creation of more concordant systems using an air abrasion technique. **1982**, 46, 637-649		1442
2246	Lead and strontium isotopes and related trace elements as genetic tracers in the Upper Cenozoic rhyolite-basalt association of the Yellowstone Plateau Volcanic Field. **1982**, 87, 4785-4806		165
2245	Interpretation of lead isotope data from zincâlead mineralization in the northern part of the western Canadian Cordillera. **1982**, 19, 1070-1078		8
2244	RbâSr and UâPb ages of volcanism and granite emplacement in the Michipicoten beltâWawa, Ontario. **1982**, 19, 1608-1626		41
2243	General geology and genesis of silver and gold veins in the Beaverdell area, south-central British Columbia. **1982**, 19, 1264-1274		3
2242	Geochronologic interpretations of Pb isotope ratios in nickel sulfides of the Thompson Belt, Manitoba. **1982**, 19, 2306-2324		12
2241	The chemical and isotopic record of rock-water interaction in the Sherman Granite, Wyoming and Colorado. **1982**, 78, 209-219		50
2240	SmâNd, RbâSr and UâThâPb systematics of granulite facies rocks from Fyfe Hills, Enderby Land, Antarctica. **1982**, 298, 614-618		129
2239	Sr, O, and Pb isotope evidence for origin and evolution of Etive Igneous Complex, Scotland. **1983**, 303, 492-497		48

2238	Pb, Sr and Nd isotopic evidence for sources of southern African Cretaceous kimberlites. **1983**, 304, 51-54		416
2237	Uranium-lead systematics. The case of crystals with discrete cores. **1983**, 16, 319-324		4
2236	Genetic implications of new lead isotope measurements on Schwarzwald vein and Upper Triassic sediment galenas. **1983**, 72, 77-104		11
2235	Distribution of oceanic and continental leads in the Arabian-Nubian Shield. **1983**, 84, 91-105		99
2234	U-Th-Pb systematics of zircon inclusions in rock-forming minerals: A study of armoring against isotopic loss using the Sherman Granite of Colorado-Wyoming, USA. **1983**, 83, 259-269		12
2233	Uraniumâ€lead dates from the Central Gneiss Complex and Ecstall pluton, Prince Rupert map area, British Columbia. **1983**, 20, 1475-1483		20
2232	Isotopic composition of lead from a paleo-island arc: Shasta, California. **1983**, 20, 1521-1527		1
2231	A Uâ€Pb zircon age from the Kuskanax batholith, southeastern British Columbia. **1983**, 20, 1751-1756		34
2230	Lead isotope systematics of some igneous rocks from the Egyptian shield. **1983**, 20, 63-77		40
2229	Evolution of depleted mantle: The lead perspective. **1983**, 47, 1191-1197		68
2228	Pb isotope geochemistry of a massif-type anorthositic-charnockitic body: The Hidra Massif (Rogaland, S.W. Norway).. **1983**, 47, 1405-1413		16
2227	UThPb in chondritesâ€evidence of elemental mobilities and the singularity of primordial Pb. *Earth and Planetary Science Letters*, **1983**, 63, 147-166	5.3	17
2226	Age determinations in the Precambrian basement of the Wadi Araba area, southwest Jordan. *Earth and Planetary Science Letters*, **1983**, 63, 292-304	5.3	40
2225	Evolution of uranogenic and thorogenic lead, 1. A dynamic model of continuous isotopic evolution. *Earth and Planetary Science Letters*, **1983**, 65, 61-74	5.3	11
2224	Age and significance of Precambrian Basement Samples from northern Illinois and adjacent states. **1983**, 88, 7276-7286		22
2223	The possible bearing of the granite of the UPH Deep Drill Holes, northern Illinois, on the origin of Mississippi Valley ore deposits. **1983**, 88, 7335-7345		23
2222	U-Pb ages of Proterozoic metaplutonics in the gneiss complex of southern Vâ€ämland, south-western Sweden. **1983**, 105, 1-8		42
2221	Lead isotope composition in sulphide ores in the Swedish Caledonides and their use in interpreting palaeo-environments. **1983**, 104, 374-375		

2220	Tectonic Implications of Tertiary Intrusion and Shearing within the Bitterroot Dome, Northeastern Idaho Batholith. **1983**, 91, 462-470		26
2219	The inversion of lead isotope data. **1984**, 78, 139-158		4
2218	Multi-chronometric ages and origin of Archaean tonalitic gneisses in Finnish Lapland: A case for long crustal residence time. **1984**, 86, 398-408		100
2217	Geochronology of Precambrian granites and associated U-Ti-Th mineralization, northern Olary province, South Australia. **1984**, 86, 298-308		56
2216	Isotopic composition of phanerozoic ore leads from the Swedish segment of the Fennoscandian Shield. **1984**, 19, 249		29
2215	Systematique U-Pb et Evolution du Gisement d'Uranium de Lodève (France). **1984**, 19, 44-53		30
2214	U-Pb age and genetic significance of heterogeneous zircon populations in rocks from the Favourable Lake area, Northwestern Ontario. **1984**, 88, 86-101		61
2213	A three-dimensional U?Pb discordia plane to evaluate samples with common lead of unknown isotopic composition. **1984**, 46, 1-12		22
2212	Age and isotope geochemistry of the Archaean Pongola and Usushwana suites in Swaziland, southern Africa: a case for crustal contamination of mantle-derived magma. *Earth and Planetary Science Letters*, **1984**, 70, 267-279	5.3	123
2211	Age bounds from lead isotope data. *Earth and Planetary Science Letters*, **1984**, 68, 413-421	5.3	2
2210	The typing of Au and base-metal occurrences by plasma/mass spectrometry: initial results. **1984**, 21, 385-393		17
2209	Emplacement and metamorphism of Archaean mafic volcanics at Kambalda, Western Australiaâ Geochemical and isotopic constraints. **1984**, 48, 1305-1318		35
2208	Unscrambling the lead model ages. **1984**, 48, 207-212		47
2207	Lead-isotopic signatures of porphyry copper deposits in oceanic and continental settings, Colombian Andes. **1984**, 48, 2135-2142		18
2206	Isotopic data (U?Pb, Rb?Sr, Pb?Pb and Sm?Nd) on mafic granulites from finnish lapland. **1984**, 23, 325-348		69
2205	Isotopic composition of ore lead in the Pb-Zn deposits of the Dorotea district, central Swedish Caledonides. **1984**, 106, 33-39		5
2204	Geochemical studies on the Boda Pb-Zn deposit in the Siljan astrobleme, central Sweden. **1984**, 106, 15-25		21
2203	Interpretation of Pb isotope compositions of galenas from the Midland Valley of Scotland and adjacent regions. **1984**, 75, 85-96		10

2202	Geophysical and isotopic constraints on mantle convection: An interim synthesis. **1984**, 89, 6017-6040	144
2201	Are Strongly Peraluminous Magmas Derived from Pelitic Sedimentary Sources?. **1985**, 93, 673-689	330
2200	CONDITIONS OF FORMATION OF THE SELIGDAR APATITE DEPOSIT. **1985**, 27, 157-167	1
2199	Pre-Hercynian mantle lead transfer to basement rocks as indicated by lead isotopes of the Schwarzwald crystalline, SW-Germany. **1985**, 90, 172-178	12
2198	Ore-lead isotope pattern from the Iglesiente-Sulcis Area (SW Sardinia) and the problem of remobilization of metals. **1985**, 20, 185-193	60
2197	Lead isotope differences between whole-rock and phenocrysts in recent lavas from southern Italy. **1985**, 314, 343-345	30
2196	Residence time of thorium, uranium and lead in the mantle with implications for mantle convection. **1985**, 316, 778-782	229
2195	Antimoniferous mineralization from the Mid-European Saxothuringian Zone: mineralogy, geology, geochemistry and ensialic origin. **1985**, 74, 447-466	17
2194	U/Pb- und K/Ar-Datierungen des Uranvorkommens Hñenstein/Oberpfalz. **1985**, 74, 483-504	13
2193	U-Pb Isotopic evidence for the accretion of a continental microplate in the Zalm region of the Saudi Arabian Shield. **1985**, 142, 1189-1203	86
2192	UâPb zircon and sphene geochronology of a composite Archean granitoid batholith, Favourable Lake area, northwestern Ontario. **1985**, 22, 1436-1451	43
2191	A late Precambrian rift-related igneous suite in western Newfoundland. **1985**, 22, 1727-1735	36
2190	Geochronology of the Narakay Volcanic Complex: implications for the age of the Coppermine Homocline and Mackenzie igneous events. **1985**, 22, 774-781	60
2189	On Some Problems of the Lead Isotope Method and Its Application in Geology. **1985**, 21, 169-175	
2188	Zircon U?Pb and biotite Rb?Sr dating of the wami river granulites, Eastern Granulites, Tanzania: Evidence for approximately 715 Ma old granulite-facies metamorphism and final Pan-African cooling approximately 475 Ma ago. **1985**, 30, 361-378	55
2187	U-Pb zircon ages for granitoid gneisses in northern Namibia and their significance for proterozoic crustal evolution of southwestern Africa. **1985**, 28, 311-326	51
2186	Lead isotope systematics and the evolution of the core, mantle, crust and atmosphere. **1985**, 2, 1-21	4
2185	Sr and Pb isotopes, U and Th chemistry of the alkaline Monteregian and White Mountain igneous provinces, eastern North America. **1985**, 49, 1143-1153	29

2184	Nd isotopes in French Phanerozoic shales: external vs. internal aspects of crustal evolution. **1985**, 49, 601-610		314
2183	The lead isotope geochemistry and geochronology of late-kinematic intrusives from the Abitibi greenstone belt, and the implications for late Archaean crustal evolution. **1985**, 49, 2371-2383		128
2182	Pb isotope evolution in the Earth: A proposal. **1985**, 12, 741-744		9
2181	LEAD ISOTOPE APPROACH TO THE UNDERSTANDING OF EARLY JAPANESE BRONZE CULTURE. **1985**, 27, 131-159		24
2180	The Pb-isotope geochemistry of granitoids from the Himalaya-Tibet collision zone: implications for crustal evolution. *Earth and Planetary Science Letters*, **1985**, 74, 220-234	5.3	91
2179	U/Pb dating of discordant 0.1 Ma old secondary U minerals. *Earth and Planetary Science Letters*, **1985**, 73, 278-284	5.3	40
2178	Plutonic and metasedimentary rocks from the Coastal Range of northern Chile: Rb Sr and U Pb isotopic systematics. *Earth and Planetary Science Letters*, **1985**, 75, 101-115	5.3	46
2177	Sr, Nd and Pb isotope and minor element geochemistry of lamproites and kimberlites. *Earth and Planetary Science Letters*, **1985**, 76, 57-70	5.3	303
2176	Strontium, neodymium and lead isotopic compositions of deep crustal xenoliths from the Snake River Plain: evidence for Archean basement. *Earth and Planetary Science Letters*, **1985**, 75, 354-368	5.3	115
2175	Ēude par la mthode Pb?Pb de roches de haut grade mtamorphique impliquès dans la chaf Hercynienne. **1985**, 49, 429-449		9
2174	Element mobility studies of two drill-cores from the Gźemar Granite (KrKemK test site), southeast Sweden. **1985**, 51, 55-78		24
2173	Applications of U?Th?Pb isotope systematics to the problems of radioactive waste disposal. **1986**, 55, 215-225		10
2172	Geochemical and lead isotope evidence for a mid-ocean ridge type mineralization within a polymetamorphic ophiolite complex (Monte del Forno, North Italy/Switzerland). *Earth and Planetary Science Letters*, **1986**, 80, 252-264	5.3	11
2171	Siderophile and chalcophile element abundances in oceanic basalts, Pb isotope evolution and growth of the Earth's core. *Earth and Planetary Science Letters*, **1986**, 80, 299-313	5.3	276
2170	Lead-lead age of komatiitic lavas and limitations on the structure and evolution of the Precambrian mantle. *Earth and Planetary Science Letters*, **1986**, 77, 293-302	5.3	79
2169	A UâPb age for mineralized Nipissing diabase, Gowganda, Ontario. **1986**, 23, 107-109		166
2168	UâPb zircon ages in supracrustal and plutonic rocks; North Spirit Lake area, Northwestern Ontario. **1986**, 23, 967-977		41
2167	Vein, manto, and chimney mineralization at the Fresnillo sliverâLeadâZinc mine, Mexico. **1986**, 23, 1603-1614		6

2148	Precise U-Pb zircon ages for the Molson dyke swarm and the Fox River sill: Constraints for Early Proterozoic crustal evolution in northeastern Manitoba, Canada. **1986**, 94, 82-89	71
2147	2 Ga U?Pb zircon dating of Mbi granodiorite (Central African Republic) and its bearing on the chronology of the Proterozoic of Central Africa. **1986**, 5, 581-587	9
2146	Feasibility of total-rock Pb?Pb dating of metamorphosed banded iron formation; The Marydale Group, southern Africa. **1986**, 59, 255-271	10
2145	Geochronology in deeply weathered terrains using lead-lead isochrons. **1986**, 59, 273-282	2
2144	S, Pb, C and O isotopic compositions and ore genesis of the strata-bound polymetallic sulfide deposits in central Inner Mongolia, China. **1986**, 5, 347-357	2
2143	Double beta decay of tellurium-130. **1986**, 453, 26-44	18
2142	Xenoliths from southern Africa: a perspective on the lower crust. **1986**, 24, 351-362	9
2141	Inversion of a class of geochemical models. **1986**, 2, 229-246	
2140	Geochronology of ophiolites of the Newfoundland Appalachians: Discussion. **1986**, 23, 1860-1862	
2139	RbâSr geochronology and metamorphic history of Proterozoic to early Archean rocks north of the Cape Smith Fold Belt, Quebec. **1987**, 24, 813-825	8
2138	The Orange River Group: a Major Proterozoic Calcalkaline Volcanic Belt in the Western Namaqua Province, Southern Africa. **1987**, 33, 327-346	17
2137	U-Pb Geochronology of Accreted Terranes in the Trans-Hudson Orogen, Northern Saskatchewan, Canada. **1987**, 33, 147-166	6
2136	U/Pb geochronology of the Coney Head Complex, Newfoundland. **1987**, 24, 1072-1075	9
2135	U-Pb age of a granitoid in the banded sequence at Grums, SW Sweden. **1987**, 109, 165-169	9
2134	Age of Feiran basement rocks, Sinai: implications for late Precambrian crustal evolution in the northern ArabianâNubian Shield. **1987**, 144, 569-575	103
2133	Rb-Sr and UâPb isotope studies of granitoid plutons in the Gäteborg region, southwestern Sweden. **1987**, 109, 39-45	24
2132	UâPb zircon ages from the Lynn Lake and Rusty Lake metavolcanic belts, Manitoba: two ages of Proterozoic magmatism. **1987**, 24, 1053-1063	37
2131	Lead isotope data from the Thalanga, dry river and Mt Chalmers base metal deposits and their bearing on exploration and ore genesis in eastern Australia. **1987**, 34, 159-173	5

2130	Age and radiogenic isotopic systematics of the Borden carbonatite complex, Ontario, Canada. **1987**, 24, 24-30		39
2129	Lead isotope ratios in Niagara Escarpment rocks and galenas: implications for primary and secondary sulphide deposition. **1987**, 24, 1625-1633		4
2128	Metalliferous sediments from DSDP Leg 92: The East Pacific Rise transect. **1987**, 51, 2241-2253		85
2127	Observations and controls on the occurrence of inherited zircon in Concord-type granitoids, New Hampshire. **1987**, 51, 2549-2558		80
2126	Felsic igneous rocks within the 3.3- to 3.5-Ga Barberton Greenstone Belt: High crustal level equivalents of the surrounding Tonalite-Trondhjemite Terrain, emplaced during thrusting. **1987**, 6, 529-549		107
2125	UâPb age determinations on Proterozoic to Devonian rocks from northern Ellesmere Island, Arctic Canada. **1987**, 24, 246-256		37
2124	Late Cretaceous bimodal magmatism,northern Ellesmere Island:isotopic age and origin. **1987**, 24, 257-265		48
2123	Nagssugtoqidian mobile belt of West Greenland: a cryptic 1850 Ma suture between two Archaean continentsâhemical and isotopic evidence. *Earth and Planetary Science Letters*, **1987**, 85, 365-385	5.3	75
2122	Uranium-lead zircon and titanite ages from the northern portion of the Western Gneiss Region, south-central Norway. *Earth and Planetary Science Letters*, **1987**, 81, 203-211	5.3	121
2121	60025: relict of primitive lunar crust?. *Earth and Planetary Science Letters*, **1987**, 84, 15-21	5.3	45
2120	Sr, Nd, O and H isotopic ratios in Ascension Island lavas and plutonic inclusions; cogenetic origin. *Earth and Planetary Science Letters*, **1987**, 82, 255-268	5.3	45
2119	U?pb zircon ages bearing on the nature of early archaean greenstone belt evolution, barberton mountainland, southern africa. **1987**, 36, 1-20		65
2118	Pb and nd isotope and trace element constraints on the origin of basic rocks in an early proterozoic igneous complex, minnesota. **1987**, 37, 323-342		38
2117	Composition, age and tectonic setting of amphibolites in the central Bushmanland Group, Western Namaqua Province, southern Africa. **1987**, 36, 99-126		33
2116	U/pb dating of precambrian rocks from northern cameroon, orogenic evolution and chronology of the pan-african belt of central africa. **1987**, 37, 71-87		102
2115	Lead-isotope geochronology of the Portman Lake area, Northwest Territories. **1987**, 24, 2188-2196		5
2114	Geochronology of the Buchans, Roberts Arm, and Victoria Lake groups and Mansfield Cove Complex, Newfoundland. **1987**, 24, 1175-1184		58
2113	The Kupferschiefer CuâAg ore deposits in Poland: a re-appraisal of the evidence of their origin and presentation of a new genetic model. **1987**, 24, 2016-2037		36

2112	2.2 Ga age of zircons in three occurrences of Upper Proterozoic clastic rocks of the northern Cassiar terrane, Yukon and British Columbia. **1987**, 24, 1919-1924	7
2111	UâPb geochronology in the Trans-Hudson Orogen, northern Saskatchewan, Canada. **1987**, 24, 407-424	57
2110	Early and Middle Proterozoic provinces in the central United States. **1987**, 43-68	43
2109	Isotopic datings of reddish granitoids in southern Vfmland, southwestern Sweden. **1987**, 76, 389-406	18
2108	Origine des minfralisations de Pb-Zn de la Vallè de la Bhou"(Nigfia) d'aprsLa composition en Pb des gallLes et de l'encaissant. **1987**, 22, 99	7
2107	A lead isotope study of the northeastern Ivrea zone and the adjoining Ceneri zone (N-Italy): evidence for a contaminated subcontinental mantle. **1987**, 97, 19-30	41
2106	The geology and geochronology of the Annandagstoppane granite, Western Dronning Maud Land, Antarctica. **1987**, 97, 488-496	38
2105	U?Pb ages of zircons: A basic examination of error propagation. **1987**, 66, 151-162	41
2104	Lead isotopic composition of the oldest volcanic rocks of the eastern greater antilles island ARC. **1987**, 65, 15-23	12
2103	Evidence from mantle xenoliths for an enriched lithospheric keel under the Outer Hebrides. **1987**, 325, 44-47	68
2102	Interpretation of lead isotope data from the uraniferous Cu-Fe-sulfide mineralizations in the Proterozoic greenstone belt at KopparXen, northern Sweden. **1988**, 23, 256-261	9
2101	Genesis of basalt-hosted massive sulphide deposits from the Trondheim and Sulitjelma districts, Norway: ore lead isotopic considerations. **1988**, 23, 276-285	4
2100	U/Pb ages of ophiolites and arc-related plutons of the Norwegian Caledonides: implications for the development of Iapetus. **1988**, 98, 13-23	178
2099	Crustal contributions to arc magmatism in the Andes of Central Chile. **1988**, 98, 455-489	1568
2098	Disturbed U?Th?Pb systematics of young zircons and uranothorites: The case of the Miocene Aegean Granitoids (Greece). **1988**, 73, 125-145	18
2097	Notes on the age and genetic relationships of the Makhutso Granite, Bushveld Complex, South Africa. **1988**, 72, 17-28	11
2096	U?Pb isotopic data for sulfides of the Varkenskraal granite (western Transvaal, South Africa) and their bearing on the age and origin of uranium mineralization in the Witwatersrand Basin. **1988**, 72, 311-328	5
2095	Comparative Rb?Sr and U?Pb zircon geochronology of late- to post-tectonic plutons in the Winnipeg River belt, Northwestern Ontario, Canada. **1988**, 72, 337-351	12

2094	Pb, Sr, and Nd isotopic compositions of a suite of Late Archean, igneous rocks, eastern Beartooth Mountains: implications for crust-mantle evolution. *Earth and Planetary Science Letters*, **1988**, 87, 59-72	5.3	139
2093	The crustal evolution of Central Scotland and the nature of the lower crust: Pb, Nd and Sr isotope evidence from Caledonian granites. *Earth and Planetary Science Letters*, **1988**, 90, 41-51	5.3	13
2092	Eocene extensional tectonics and geochronology of the Southern Omineca Belt, British Columbia and Washington. **1988**, 7, 181-212		230
2091	Structure and metamorphism of the Archean Murchison Belt, Kaapvaal Craton, South Africa. **1988**, 7, 761-774		16
2090	Tatla Lake Metamorphic Complex: An Eocene Metamorphic Core Complex on the southwestern edge of the Intermontane Belt of British Columbia. **1988**, 7, 1141-1166		26
2089	Determination of radiogenic isotopes (, and) in fluid inclusion waters: An example from the Bluebell Pb-Zn deposit, British Columbia, Canada. **1988**, 52, 961-967		20
2088	PbâZn occurrences and their Pb-isotopic signatures bearing on metallogeny and mineral explorationâPaleozoic sedimentary rocks, northern Appalachians, Quebec. **1988**, 25, 1777-1790		7
2087	Geochronology of the Belmont Lake Metavolcanic Complex and implications for crustal development in the Central Metasedimentary Belt, Grenville Province, Ontario. **1988**, 25, 1751-1759		43
2086	Refined Proterozoic evolution of the Gawler Craton, South Australia, through U-Pb zircon geochronology. **1988**, 40-41, 363-386		157
2085	Implications of new U?Pb zircon chronology to early proterozoic crustal accretion in northern Sweden. **1988**, 38, 147-164		102
2084	Geochronological constraints on the tectonic evolution of a late Archaean greenstone belt, Wabigoon Subprovince, Northwest Ontario, Canada. **1988**, 39, 171-191		63
2083	Precambrian ophiolites of arabia: geologic settings, U?Pb geochronology, Pb-isotope characteristics, and implications for continental accretion. **1988**, 38, 1-54		187
2082	U-Pb data on granulite facies rocks from fold island, Kemp Coast, East Antarctica. **1988**, 42, 63-75		34
2081	Crustal evolution in eastern labrador: Constraints from precise U-Pb ages. **1988**, 38, 405-421		86
2080	Reconnaissance geochronology, tectonothermal evolution, and regional significance of the middle proterozoic choma-kalomo block, Southern Zambia. **1988**, 42, 39-61		50
2079	U-Pb systematics of detrital zircons from low-grade metamorphic sandstones of the Trinity Peninsula Group (Antarctica). **1988**, 1, 301-307		12
2078	Lead-isotope compositions of galena in carbonate-hosted deposits of western Newfoundland: evidence for diverse lead sources. **1988**, 25, 593-602		6
2077	Isotopic composition of galena lead from the Norra Kð peralkaline complex, Sweden. **1988**, 110, 311-316		8

2076	U-Pb zircon ages of granitoids from the Sm□land-V□rmland granite-porphyry belt, southern and central Sweden. **1988**, 110, 21-28	79
2075	A tentative study of the U-Pb isotope system in zircons from the Mylonite Zone, south-east Norway. **1988**, 110, 15-20	7
2074	Nd, Sr and Pb isotope geochemistry of the Lower Lavas, E Greenland Tertiary Igneous Province. **1988**, 39, 181-195	11
2073	Precise U□Pb zircon dates from the Avalon Terrane in Newfoundland. **1988**, 25, 442-453	132
2072	Lead Isotopic Study of Early Proterozoic Wopmay Orogen, Nw Canada: Role of Continental Crust in Arc Magmatism. **1989**, 97, 735-747	27
2071	Chronology and geochemistry of late Svecofennian processes in northern Sweden. **1989**, 111, 347-354	21
2070	Petrology and geochemistry of volcanic rocks of the Cerro Galan caldera, northwest Argentina. **1989**, 126, 515-547	122
2069	Radiometric age determinations and Precambrian geochronology of Blekinge, southern Sweden. **1989**, 111, 35-50	31
2068	U□Pb, Rb□Sr, and K□Ar isotopic constraints for ductile deformation and related metamorphism in the Teslin suture zone, Yukon□Tanana terrane, south-central Yukon. **1989**, 26, 2224-2235	20
2067	Pb-Sr-Nd isotope data from the Valasjaure supracrustal belt, northern Sweden. **1989**, 111, 239-246	3
2066	Geochronology of the late Precambrian Hamisana shear zone, Red Sea Hills, Sudan and Egypt. **1989**, 146, 1017-1029	76
2065	Lead- and strontium-isotope geochemistry of Paleozoic Sicker Group and Jurassic Bonanza Group volcanic rocks and Island Intrusions, Vancouver Island, British Columbia. **1989**, 26, 894-907	9
2064	Lead- and strontium-isotope geochemistry of the Karmutsen Formation, Vancouver Island, British Columbia. **1989**, 26, 908-919	9
2063	Lead- and strontium-isotope geochemistry of the Tertiary Catface intrusions and related mineralization, Vancouver Island, British Columbia. **1989**, 26, 920-926	3
2062	The influence of recent lead loss on the interpretation of disturbed U?Pb systems in zircons from igneous rocks in East Greenland. **1989**, 23, 209-223	37
2061	The influence of recent lead loss on the interpretation of disturbed U?Pb systems in zircons from metamorphic rocks in southwest Sweden. **1989**, 23, 123-136	32
2060	The Hemlo-Heron Bay greenstone belt and Hemlo Au?Mo deposit, Superior Province, Ontario, Canada 2. Timing of metamorphism, alteration and Au mineralization from titanite, rutile, and monazite U?Pb geochronology. **1989**, 79, 201-223	40
2059	Contrasting zircon morphology and U?Pb systematics in peralkaline and metaluminous post-orogenic granite complexes of the Arabian Shield, Kingdom of Saudi Arabia. **1989**, 79, 241-258	2

2058	A model for the lead isotope evolution of early proterozoic Svecofennian sulphide ores in Sweden and Finland. **1989**, 79, 307-316	3
2057	Lead isotopic compositions of feldspars and ores and their geologic significance. **1989**, 8, 25-36	2
2056	U-Pb systematics of garnet: dating the growth of garnet in the late Archean Pikwitonei granulite domain at Cauchon and Natawahunan Lakes, Manitoba, Canada. **1989**, 101, 136-148	164
2055	U-Pb zircon, Rb-Sr and Sm-Nd geochronology of high- to very-high-pressure meta-acidic rocks from the western Alps. **1989**, 101, 280-289	66
2054	U/Pb, Sm/Nd and Rb/Sr geochronological and isotopic study of northern Sierra Nevada ophiolitic assemblages, California. **1989**, 102, 205-220	54
2053	U-Pb ages of zircons from meta-igneous and meta-sedimentary rocks of the Sierra de Guadarrama: implications for the Central Iberian crustal evolution. **1989**, 103, 253-262	20
2052	Fluid inclusion and stable isotope studies of Pb-Zn-fluorite-barite mineralization in the lower and middle Benue Trough, Nigeria. **1989**, 24, 183-191	16
2051	Discussion of results presented by Hŏndorf and Dill: Some aspects of lead-lead model ages of ore mineralizations from the western edge of the Bohemian Massif (F.R. Germany). **1989**, 24, 62	1
2050	Reply on the discussion by K.H. Bielicki and G. Tischendorf. **1989**, 24, 65	
2049	Neodymium and lead isotope evidence for enriched early Archaean crust in North America. **1989**, 340, 222-225	76
2048	Age, source and stratigraphic implications of Pb isotope data for conformable, sediment-hosted, base metal deposits in the Proterozoic Aravalli-Delhi orogenic belt, northwestern India. **1989**, 43, 1-22	119
2047	Isotopic evolution of the Middle to Late Proterozoic Awasib Mountain terrain in southern Namibia. **1989**, 45, 175-189	10
2046	Isotope and geochemical constraints on Proterozoic crustal evolution in south-eastern Africa. **1989**, 45, 159-174	50
2045	U?Pb zircon and monazite ages of the La Angostura granite and the orogenic history of the northwest Argentine basement. **1989**, 2, 147-153	17
2044	The age, chemistry, and tectonic setting of the Middle Proterozoic Moyie sills, Purcell Supergroup, southeastern British Columbia. **1989**, 26, 2305-2317	41
2043	Isotopic studies bearing on the tectonics of the West Junggar Region, Xinjiang, China. **1989**, 8, 719-727	112
2042	Metallogenetic and geodynamic evolution in the central European Variscides â A pre-well site study for the German continental deep drilling programme. **1989**, 4, 279-304	20
2041	River Valley pluton, Ontario: A late-Archean/early-Proterozoic anorthositic intrusion in the Grenville Province. **1989**, 53, 633-641	16

2040	Pb-Sr-Nd isotopic behavior of deeply subducted crustal rocks from the Dora Maira Massif, Western Alps, Italy. **1989**, 53, 1391-1400		62
2039	Geochim. cosmochim. acta. **1989**, 53, 3071		14
2038	A Proterozoic lithospheric source for Karoo magmatism: evidence from the Nuanetsi picrites. *Earth and Planetary Science Letters*, **1989**, 92, 207-218	5.3	107
2037	The geochemistry of marine sediments, island arc magma genesis, and crust-mantle recycling. *Earth and Planetary Science Letters*, **1989**, 94, 1-21	5.3	616
2036	Mackenzie igneous events, Canada: Middle Proterozoic hotspot magmatism associated with ocean opening. *Earth and Planetary Science Letters*, **1989**, 96, 38-48	5.3	395
2035	High-precision UPb ages of metamorphic rutile: application to the cooling history of high-grade terranes. *Earth and Planetary Science Letters*, **1989**, 96, 106-118	5.3	233
2034	REE, SmNd and UPb zircon study of eclogites from the Alpine External Massifs (Western Alps): evidence for crustal contamination. *Earth and Planetary Science Letters*, **1989**, 96, 181-198	5.3	110
2033	U/Pb whole-rock and mineral dating of the Falkenberg granite in northeast Bavaria. *Earth and Planetary Science Letters*, **1989**, 94, 236-244	5.3	10
2032	Platinum group elements in a 3.5 Ga nickel-iron occurrence: Possible evidence of a deep mantle origin. **1989**, 94, 795		42
2031	U-Pb zircon age of the Rostberget W-occurrence, northern Sweden. **1989**, 111, 121-126		13
2030	Late Proterozoic stratigraphy, UâPb zircon ages, and rift tectonics, Mackenzie Mountains, northwestern Canada. **1989**, 26, 1784-1801		109
2029	UâPb zircon ages for the Rice Lake area, southeastern Manitoba. **1989**, 26, 23-30		14
2028	Geochemistry and UâPb zircon age of comenditic metafelsites of the Tibbit Hill Formation, Quebec Appalachians. **1989**, 26, 1374-1383		67
2027	Geology, geochemistry and geochronology of a taconic batholith, southwestern Newfoundland. **1989**, 80, 159-168		6
2026	Sr, Nd, and Pb Isotopic Systematics in the Archean Low- to High-Grade Transition Zone of Southern India: Syn-Accretion vs. Post-Accretion Granulites. **1989**, 97, 537-549		277
2025	New Insights into Archean Crustal Development from Geochronology in the Rainy Lake Area, Superior Province, Canada. **1989**, 97, 379-398		46
2024	A high precision U-Pb age for the Ben Vuirich granite: implications for the evolution of the Scottish Dalradian Supergroup. **1989**, 146, 789-798		135
2023	The Caledonian Heilhornet Pluton, north-central Norway: geological setting, radiometric age and implications for the Scandinavian Caledonides. **1990**, 147, 439-450		9

2022	Basement geology and tectonic evolution of Ireland as deduced from Pb isotopes. **1990**, 147, 121-132	34
2021	Crystallization and emplacement chronology of the Fournier oceanic fragment, Canadian Appalachians. **1990**, 344, 232-235	10
2020	Provenance of Lower Old Red Sandstone conglomerates, SE Kincardineshire: evidence for the timing of Caledonian terrane accretion in central Scotland. **1990**, 147, 105-120	29
2019	Isotopic Constraints on Emplacement Age of Anorthositic Rocks of the Marcy Masiff, Adirondack Mts., New York. **1990**, 98, 19-41	78
2018	Silurian Orogeny in the Newfoundland Appalachians. **1990**, 98, 895-913	148
2017	Granulites and the lead paradox. **1990**, 345, 204-205	2
2016	U-Pb evidence for Abitibi gold mineralization postdating greenstone magmatism and metamorphism. **1990**, 346, 831-834	63
2015	Incompletely reset Rb?Sr systems from a Cambrian red-rock granophyre terrane, Florida Mountains, New Mexico, U.S.A.. **1990**, 86, 29-47	3
2014	U?Pb ages of zircon rims: A new analytical method using the air-abrasion technique. **1990**, 80, 351-363	5
2013	Isotope studies on alkaline volcanics and carbonatites from the Kaiserstuhl, Federal Republic of Germany. **1990**, 26, 21-35	40
2012	Die Metallprovinz der Ostalpen im Lichte der Geochemie. **1990**, 79, 479-493	6
2011	Lead mobilization during foreland metamorphism in orogenic belts: Examples from northern Sweden. **1990**, 79, 693-707	14
2010	U/Pb-Datierung an Pechblenden und uranhaltigen Erzen aus den Uranlagerstätten von Taoshan, Südchina. **1990**, 79, 789-796	2
2009	New Isotopic data from davidites and sulfides in the bidjovagge gold-copper deposit, Finnmark, Northern Norway. **1990**, 43, 1-21	16
2008	1.1 Ga K-rich alkaline plutonism in the SW Grenville Province. **1990**, 105, 473-485	51
2007	Non-monotonic chemical and O, Sr, Nd, and Pb isotope zonations and heterogeneity in the mafic- to silicic-composition magma chamber of the Grizzly Peak Tuff, Colorado. **1990**, 105, 677-690	24
2006	H, O, Sr, Nd, and Pb isotope geochemistry of the Latir volcanic field and cogenetic intrusions, New Mexico, and relations between evolution of a continental magmatic center and modifications of the lithosphere. **1990**, 104, 99-124	82
2005	Sm-Nd and Pb isotopic study of mafic rocks associated with early Proterozoic continental rifting: the Peräpohja schist belt in northern Finland. **1990**, 104, 369-379	108

2004	Source of lead in the gold-bearing quartz-fuchsite vein at the Dome mine, Timmins area, Ontario, Canada. **1990**, 25, 272	6
2003	A lead isotope study of two sulphide deposits and adjacent igneous rocks in south-central Sweden. **1990**, 25, 152	8
2002	The Absolute Age of the Eifelian Tioga Ash Bed, Pennsylvania. **1990**, 98, 282-285	48
2001	The San Nicolás batholith of coastal Peru: early Palaeozoic continental arc or continental rift magmatism?. **1990**, 147, 27-39	39
2000	U–Pb and Rb–Sr geochronology of Acadian plutonism in the Dunnage zone of the southeastern Quebec Appalachians. **1990**, 27, 881-892	16
1999	Age of the Bowen Island Group, southwestern Coast Mountains, British Columbia. **1990**, 27, 1456-1461	16
1998	Contrasting U–Pb ages from plutons in the Bras d'Or and Mira terranes of Cape Breton Island, Nova Scotia. **1990**, 27, 1200-1208	42
1997	U–Pb garnet and titanite age for the Bristol Township lamprophyre suite, western Abitibi Subprovince, Canada. **1990**, 27, 1451-1456	13
1996	U–Pb zircon ages of volcanism and plutonism in the Mishibishu greenstone belt near Wawa, Ontario. **1990**, 27, 649-656	1
1995	Geology and U–Pb geochronology of the Klondike District, west-central Yukon Territory. **1990**, 27, 903-914	45
1994	U–Pb and K–Ar dates related to the timing of magmatism and deformation in the Cache Creek terrane and Quesnellia, southern British Columbia. **1990**, 27, 117-123	15
1993	The nature and origin of Late Proterozoic high-grade gneisses of the Leeuwin Block, Western Australia. **1990**, 47, 251-270	51
1992	The significance of 3000 Ma granulite-facies mafic dikes in the central zone of the Limpopo belt, southern Africa. **1990**, 48, 299-308	25
1991	Structural setting and U?Pb dating of Uranium mineralizations from the Northeastern part of Nigeria (Upper Benue Region). **1990**, 10, 421-433	15
1990	Literature. **1990**, 381-444	
1989	Geochronology in Granulites. **1990**, 451-470	24
1988	Age of detrital zircon and titanite in the Meguma Group, southern Nova Scotia, Canada: Clues to the origin of the Meguma Terrane. **1990**, 177, 307-323	79
1987	The Brabant Massif as part of Armorica/Gondwana: U?Pb isotopic evidence from detrital zircons. **1990**, 185, 37-50	14

1986	Mechanism and time of deformation and metamorphism of mylonitic orthogneisses from the Shagou Shear Zone, Qinling Belt, China. **1990**, 185, 91-109		41
1985	Petrology and geochemistry of lower crustal granulites from the Geronimo Volcanic Field, southeastern Arizona. **1990**, 54, 3401-3426		89
1984	Isotope systematics and shock-wave metamorphism: I. U-Pb in zircon, titanite and monazite, shocked experimentally up to 59 GPa. **1990**, 54, 3427-3434		51
1983	Isotope systematics and shock-wave metamorphism: II. U-Pb and Rb-Sr in naturally shocked rocks; the Haughton Impact Structure, Canada. **1990**, 54, 3435-3447		42
1982	Pb, Nd and Sr isotopic investigations of kaersutite and clinopyroxene from ultramafic nodules, and their host basalts: The nature of the subcontinental mantle. **1990**, 54, 3449-3460		27
1981	Evidence of Uppermost Proterozoic to Lower Cambrian miogeoclinal rocks and the Mojave-Snow Lake Fault: Snow Lake Pendant, central Sierra Nevada, California. **1990**, 9, 1585-1608		24
1980	Chemical basin analysis of metalliferous â□variegated metamorphicsâ□of the Bodenmais ore district (F.R. of Germany). **1990**, 5, 151-173		12
1979	New lead isotope determination from five Proterozoic sulfide deposits, Skellefte district, Sweden. **1990**, 25, 50-56		13
1978	Ore-lead isotopic composition of early Proterozoic volcanogenic sulfide ores at Garpenberg, Bergslagen, south-central Sweden. **1990**, 112, 179-180		
1977	The Pb isotopic compositions of lower crustal xenoliths and the evolution of lower crustal Pb. *Earth and Planetary Science Letters*, **1990**, 98, 192-207	5.3	177
1976	Berriasian (Early Cretaceous) radiometric ages from the Grindstone Creek Section, Sacramento Valley, California. *Earth and Planetary Science Letters*, **1990**, 98, 62-73	5.3	38
1975	Time resolution of geologic events on the Keweenaw Peninsula and implications for development of the Midcontinent Rift system. *Earth and Planetary Science Letters*, **1990**, 97, 54-64	5.3	145
1974	The age and provenance of metasedimentary rocks in the Quetico Subprovince, Ontario, from single zircon analyses: implications for Archean sedimentation and tectonics in the Superior Province. *Earth and Planetary Science Letters*, **1990**, 99, 195-205	5.3	77
1973	Comment on â□lower crustal evolution under central Arizona: Sr, Nd and Pb isotopic and geochemical evidence from the mafic xenoliths of Camp Creekâ□by S. Esperanâ, R.W. Carlson and S.B. Shirey. *Earth and Planetary Science Letters*, **1990**, 99, 400-405	5.3	10
1972	Time-scale calibration by high-precision UPb zircon dating of interstratified volcanic ashes in the Ordovician and Lower Silurian stratotypes of Britain. *Earth and Planetary Science Letters*, **1990**, 100, 51-58	5.3	95
1971	Mantle metasomatism: Isotope and trace-element trends in xenoliths from Kimberley, South Africa. **1990**, 85, 19-34		84
1970	Pb isotope data from late Proterozoic subduction-related rocks: Implications for crust-mantle evolution. **1990**, 83, 165-181		20
1969	Intracrustal recycling and upper-crustal evolution: A case study from the Pan-African Damara mobile belt, central Namibia. **1990**, 83, 263-280		44

1968	Isotopic evidence for the crustal evolution of the Frontenac Arch in the Grenville Province of Ontario, Canada. **1990**, 83, 297-314	70
1967	Isotopic evidence for crust-mantle evolution with emphasis on the Canadian Shield. **1990**, 83, 149-163	36
1966	U-Th-Pb partitioning behavior during partial melting in the upper mantle: Implications for the origin of high Mu Components and the âPb Paradoxâ**1990**, 95, 433	53
1965	Large-magnitude miocene extension in the central Mojave Desert: Implications for Paleozoic to Tertiary paleogeography and tectonics. **1990**, 95, 557	36
1964	Compositional diversity of Late Cenozoic basalts in a transect across the southern Washington Cascades: Implications for subduction zone magmatism. **1990**, 95, 19561	146
1963	Constraints on the tectonics of the Mule Mountains Thrust System, southeast California and southwest Arizona. **1990**, 95, 20025	19
1962	A petrologic comparison of Triassic plutonism in the San Gabriel and Mule Mountains, southern California. **1990**, 95, 20075	14
1961	Chronologic and isotopic framework for Early Proterozoic crustal evolution in the eastern Mojave Desert Region, SE California. **1990**, 95, 20133	106
1960	Isotopic and Chemical Evidence Concerning the Genesis and Contamination of Basaltic and Rhyolitic Magma Beneath the Yellowstone Plateau Volcanic Field. **1991**, 32, 63-138	306
1959	A Pb, Sr and Nd isotope study of the basement and mesozoic ring complexes of the Jos Plateau, Nigeria. **1991**, 94, 23-32	23
1958	The Late Archaean to Early Proterozoic lead isotopic evolution of the Northern Baltic Shield of Norway, Sweden and Finland. **1991**, 49, 73-95	13
1957	Lead isotopic evidence for the origin of 1.8-1.4 Ga ores and granitoids in the southeastern part of the Fennoscandian Shield. **1991**, 51, 265-281	18
1956	Evolution of Pan-African island arc assemblages in the southern Red Sea Hills, Sudan, and in southwestern Arabia as exemplified by geochemistry and geochronology. **1991**, 53, 99-118	109
1955	U-Pb zircon geochronology of Precambrian tin-bearing continental-type acid magmatism in central Brazil. **1991**, 52, 321-335	75
1954	Caractˆrisation pˆtrologique et gˆochimique du magmatisme ubendien du secteur de Pepa-Lubumba, sur le plateau des Marungu (Nord-Est du Shaba, Zaire). Signification gˆodynamique dans l'ˆvolution de la chaˆne ubendienne. **1991**, 13, 243-265	14
1953	Structural analysis of Bic fault, a thrust-related strike-slip fault of the external domain of the Taconic Orogen, Appalachians, Quebec, and metallogenic implications. **1991**, 28, 788-799	5
1952	Geochronology at the Namew Lake NiâCu orebody, Flin Flon area, Manitoba, Canada: thermal history of a metamorphic terrane. **1991**, 28, 309-325	8
1951	UâPb zircon and titanite ages of three Mesozoic igneous rocks south of the ThorâOdin âPinnacles area, southern Omineca Belt, British Columbia. **1991**, 28, 1877-1882	23

1950	Mid-Paleozoic age of granitoids in enclaves within Early Cretaceous granulites, Fiordland, southwest New Zealand. **1991**, 34, 455-469		16
1949	Age of xenocrystic zircon from diatremes of western Canada. **1991**, 28, 1232-1238		18
1948	Geochronology at the Namew Lake NiâCu deposit, Flin Flon area, Manitoba, Canada: a Pb/Pb study of whole rocks and ore minerals. **1991**, 28, 1328-1339		15
1947	Geochronometry of the Bridge River Camp, southwestern British Columbia. **1991**, 28, 195-208		9
1946	Geochronology of appinitic and related granitic magmatism in the W Highlands of Scotland: constraints on the timing of transcurrent fault movement. **1991**, 148, 17-27		96
1945	Detrital zircon geochronology of Upper Proterozoic to lower Paleozoic continental margin strata of the Kootenay Arc: implications for the early Paleozoic tectonic development of the eastern Canadian Cordillera. **1991**, 28, 1271-1284		23
1944	UâPb geochronology of detrital zircons from a continental margin assemblage in the northern Coast Mountains, southeastern Alaska. **1991**, 28, 1285-1300		57
1943	UâPb geochronology of Late Proterozoic rocks of the eastern Cobequid Highlands, Avalon Composite Terrane, Nova Scotia. **1991**, 28, 504-511		31
1942	Geochemical and isotopic (Sr, Pb) evidence of crust-mantle interaction in acidic melts âThe Tolfa-Cerveteri-Manziana volcanic complex (central Italy): a case history. **1991**, 92, 177-195		20
1941	Pb isotopic systematics of alkaline volcanic rocks and carbonatites from the Kaiserstuhl, Upper Rhine rift valley, F.R.G.. **1991**, 93, 231-243		25
1940	Rapid continental crust formation at 1.7 Ga from a reservoir with chondritic isotope signatures, eastern Labrador. *Earth and Planetary Science Letters*, **1991**, 102, 110-133	5.3	50
1939	Pb and O isotope systematics in granulite facies xenoliths, French Massif Central: implications for crustal processes. *Earth and Planetary Science Letters*, **1991**, 102, 342-357	5.3	50
1938	Complete Pb/U analysis of unspiked samples by measuring Pb isotopes only. *Earth and Planetary Science Letters*, **1991**, 107, 618-624	5.3	1
1937	UPb zircon and rutile chronology of Archean greenstone formation and gold mineralization in the Val d'Or region, Quebec. *Earth and Planetary Science Letters*, **1991**, 104, 325-336	5.3	67
1936	Field, geochemical and U-Pb isotopic constraints from hypabyssal felsic intrusions within the Barberton greenstone belt, South Africa: Implications for tectonics and the timing of gold mineralization. **1991**, 49, 261-280		70
1935	Regional differences in PB isotopic compositions of feldspars in plutonic rocks of the northern Appalachian Mountains, U.S.A., and Canada: A geochemical method of terrane correlation. **1991**, 10, 191-212		49
1934	Geochronological evidence for tectonically driven brine migration during the Early Proterozoic Kheis Orogeny of southern Africa. **1991**, 18, 975-978		12
1933	Fluid flow connections to basement rocks below sedimentary basins: Evidence from the base metal deposits in Ireland. **1991**, 18, 943-946		1

1932	Isotopic composition of Oligocene mafic volcanic rocks in the Northern Rio Grande Rift: Evidence for contributions of ancient intraplate and subduction magmatism to evolution of the lithosphere. **1991**, 96, 13593-13608	32
1931	Isotopic and trace element constraints on the composition and evolution of the lithosphere beneath the southwestern United States. **1991**, 96, 13713-13735	134
1930	Age and geological setting of Gold Creek gneiss, crystalline basement of the Windermere Supergroup, Cariboo Mountains, British Columbia. **1991**, 28, 1217-1231	12
1929	Early Proterozoic basement exposures in the southern Canadian Cordillera: core gneiss of Frenchman Cap, Unit I of the Grand Forks Gneiss, and the Vaseaux Formation. **1991**, 28, 1169-1201	78
1928	Age and isotopic character of Early Proterozoic basement gneisses in the southern Monashee Complex, southeastern British Columbia. **1991**, 28, 1159-1168	43
1927	Age and timing of igneous activity in the Temagami greenstone belt, Ontario: a preliminary report. **1991**, 28, 1873-1876	18
1926	Neodymium, strontium, and lead isotopes in the Maloin Ranch Pluton, Wyoming: Implications for the origin of evolved rocks at anorthosite margins. **1991**, 55, 2285-2297	24
1925	The effect of accessory minerals on the redistribution of lead isotopes during crustal anatexis: A model. **1991**, 55, 335-348	65
1924	U-Pb dating of the post-kinematic Sveconorwegian (Grenvillian) Bohus granite, SW Sweden: evidence of restitic zircon. **1991**, 51, 337-350	76
1923	U-Pb Isotopic Systematics of Zircons from Prograde and Retrograde Transition Zones in High-Grade Orthogneisses, Sri Lanka. **1991**, 99, 527-545	97
1922	U-Pb Zircon Dates of Morin Anorthosite Suite Rocks, Grenville Province, Quebec. **1991**, 99, 729-738	71
1921	Archean Gold Mineralization in the Wabigoon Subprovince, a Product of Crustal Accretion: Evidence from U-Pb Geochronology in the Lake of the Woods Area, Superior Province, Canada. **1991**, 99, 337-353	28
1920	A precise U-Pb zircon age for the Inishtrahull syenitic gneiss, County Donegal, Ireland. **1991**, 148, 639-642	40
1919	Late Precambrian (740 Ma) Charnockite, Enderbite, and Granite from Jebel Moya, Sudan: A Link between the Mozambique Belt and the Arabian-Nubian Shield?. **1991**, 99, 649-659	42
1918	U-Pb zircon ages for Late Precambrian igneous rocks in southern Britain. **1991**, 148, 435-443	96
1917	Tectonothermal chronology of early Cadomian arc development in Guernsey and Sark, Channel Islands. **1991**, 148, 691-702	23
1916	Resetting of Rb?Sr ages of volcanic rocks by low-grade burial metamorphism. **1991**, 87, 167-173	6
1915	Pb/Pb, Sm?Nd and Rb?Sr geochronology in the Archean Craton of Zimbabwe. **1991**, 87, 175-196	37

1914	A Pb, Sr and Nd isotope study of the basement and mesozoic ring complexes of the Jos Plateau, Nigeria. **1991**, 94, 23-32	10
1913	Isotopic age determinations of crystalline rocks of the Upper Harz Mountains, Germany. **1991**, 80, 669-690	35
1912	Cathodoluminescence studies and U/Pb dating of zircons in pre-Mesozoic gneisses of the Tauern Window: Implications for the Penninic basement evolution. **1991**, 80, 703-715	33
1911	U-Pb zircon age and Nd isotopic composition of granitoids, charnockites and supracrustal rocks from Heimefrontfjella, Antarctica. **1991**, 80, 759-777	62
1910	U/Pb zircon ages of basement gneisses and discordant felsic dykes from Vestranden, westernmost Baltic Shield and central Norwegian Caledonides. **1991**, 80, 121-134	12
1909	PbâSrâNd isotopic behavior of deeply subducted crustal rocks from the Dora Maira Massif, Western Alps, Italy-II: what is the age of the ultrahigh-pressure metamorphism?. **1991**, 108, 22-33	152
1908	A lead isotopic study of the Stillwater Complex, Montana: constraints on crustal contamination and source regions. **1991**, 107, 80-93	17
1907	Lead isotope and Pb-Pb model age determinations of ores from Central Europe and their metallogenetic interpretation. **1991**, 106, 440-461	35
1906	A Cambrian island arc in Iapetus: geochronology and geochemistry of the Lake Ambrose volcanic belt, Newfoundland Appalachians. **1991**, 128, 1-17	41
1905	A U/Pb age for the Sulitjelma Gabbro, North Norway: further evidence for the development of a Caledonian marginal basin in Ashgillâ□llandovery time. **1991**, 128, 141-153	52
1904	A U/Pb age for the Shetland Islands oceanic fragment, Scottish Caledonides: evidence from anatectic plagiogranites in â□layer 3â□shear zones. **1991**, 128, 667-671	59
1903	Age of porphyry-type deposits in the Skellefte District, northern Sweden. **1991**, 113, 289-294	16
1902	Bay of Islands and Little Port complexes, revisited: age, geochemical and isotopic evidence confirm suprasubduction-zone origin. **1991**, 28, 1635-1652	130
1901	Proterozoic gneisses of the Malton Complex, near Valemount, British Columbia: UâPb ages and Nd isotopic signatures. **1991**, 28, 1202-1216	40
1900	Destructive margin magmatism and the contributions from the mantle wedge and subducted crust. **1991**, 38, 577-594	60
1899	Ore lead isotopical composition of Lower Proterozoic volcanogenic sulfide ores at Garpenberg, south central Sweden. **1991**, 113, 7-14	8
1898	Evidence for pre-Svecofennian influence in the Proterozoic Cu-Zn-Pb sulphide deposits at TjÄotis, northern Sweden. **1991**, 113, 64-65	1
1897	The Early Proterozoic riftogenic belt of Northern Karelia and associated Cu-Ni, PGE and Cu-Au mineralizations. **1991**, 113, 70-72	12

1896	UâPb geochronology of Late Cretaceous and early Tertiary plutons in the northern Coast Mountains batholith. **1991**, 28, 899-911	50
1895	The persistent myth of crustal growth. **1991**, 38, 613-630	267
1894	Caledonian vein mineralizations in the Proterozoic basement of northern Sweden. **1991**, 113, 62-63	
1893	U-Pb zircon age of the GÃbjÃmarp syenite in SkÃne, southern Sweden. **1991**, 113, 335-337	17
1892	Detrital zircon geochronology of metasedimentary rocks in the southern Omineca Belt, Canadian Cordillera. **1991**, 28, 1254-1270	67
1891	Pan-African charnockite formation in Kerala, South India. **1992**, 129, 257-264	119
1890	173 Ma UâPb age of felsite sills (Kaslo River intrusives) west of Kootenay Lake, southeastern British Columbia. **1992**, 29, 531-534	4
1889	Neutrino mass limits from a precise determination of beta beta -decay rates of 128Te and 130Te. **1992**, 69, 2341-2344	100
1888	The Labradorian orogeny in the Grenville Province, eastern Labrador, Canada. **1992**, 29, 1944-1957	51
1887	The East Kemptville tin deposit, Yarmouth County, Nova Scotia: a Pb-isotope study of the leucogranite and mineralized greisensâEvidence for a 366 Ma metallogenic event. **1992**, 29, 1180-1196	10
1886	Age and Nature of the Basement in Northeastern Washington and Northern Idaho: Isotopic Evidence from Mesozoic and Cenozoic Granitoids. **1992**, 100, 691-701	19
1885	Rhyolites as probes of the crust: examples from Tertiary volcanism in Arizona, southwestern U.S.A.. **1992**, 83, 347-359	3
1884	Isotopic signatures of black tektites from the K-T boundary on Haiti: Implications for the age and type of source material. **1992**, 27, 413-423	17
1883	Introduction to âIsotopic signatures and sedimentary recordsâ**1992**, 1-11	
1882	Depositional history of uranium ores: Isotopic constraints. **1992**, 321-360	1
1881	Simultaneous miocene extension and shortening in the himalayan orogen. **1992**, 258, 1466-70	298
1880	Geochronometry of the Eagle Plutonic Complex and the Coquihalla area, southwestern British Columbia. **1992**, 29, 812-829	18
1879	UâPb and 40Ar/39Ar mineral ages from Cape North, northern Cape Breton Island: implications for accretion of the Avalon Composite Terrane. **1992**, 29, 277-295	27

1878	An isotopic study of the Island Lake Greenstone Belt, Manitoba: crustal evolution and progressive cratonization in the late Archean. **1992**, 29, 2200-2210	15
1877	Tip Top Hill volcanics: Late Cretaceous Kasalka Group rocks hosting Eocene epithermal base- and precious-metal veins at Owen Lake, west-central British Columbia. **1992**, 29, 854-864	8
1876	UâPb baddeleyite ages of the Kerns and Triangle Mountain intrusions, Nipissing Diabase, Ontario. **1992**, 29, 1424-1429	59
1875	Structural geology of the Lardeau Group near Trout Lake, British Columbia: implications for the structural evolution of the Kootenay Arc. **1992**, 29, 1305-1319	8
1874	Age of emplacement and basement character of the Cache Creek terrane as constrained by new isotopic and geochemical data. **1992**, 29, 2463-2477	31
1873	Geochronological constraints on the development of the Cross Lake greenstone belt, northwest Superior Province, Manitoba. **1992**, 29, 2171-2185	22
1872	Advances in the UâPb zircon geochronology of the Michipicoten greenstone belt, Superior Province, Ontario. **1992**, 29, 1154-1165	22
1871	The nature of Archean terrane boundaries: an example from the northern Wyoming Province. **1992**, 55, 155-168	44
1870	Isotopic and REE characteristics of the intrusive charnoenderbite and enderbite geographically associated with the Matok Pluton, Limpopo Belt, southern Africa. **1992**, 55, 451-467	66
1869	Early proterozoic ore deposits and tectonics of the Birimian orogenic belt, West Africa. **1992**, 58, 305-344	158
1868	Discrepancies between neodymium, lead and strontium model ages from the Precambrian of southern East Greenland: Evidence for a Proterozoic granulite-facies ev. **1992**, 94, 281-291	22
1867	Dating of late Proterozoic ophiolites in Egypt and the Sudan using the single grain zircon evaporation technique. **1992**, 59, 15-32	201
1866	When was the Limpopo Orogeny?. **1992**, 55, 7-16	72
1865	Pb-isotope geochronology of the Schiel complex, Northern Transvaal, South Africa. **1992**, 15, 103-110	17
1864	U?Pb zircon geochronology of Archaean felsic units in the Marble Bar region, Pilbara Craton, Western Australia. **1992**, 56, 169-189	145
1863	Genesis of the southern Abitibi greenstone belt, Superior Province, Canada: Evidence from zircon Hf isotope analyses using a single filament technique. **1992**, 56, 2081-2097	169
1862	The hydrothermal stability of zircon: Preliminary experimental and isotopic studies. **1992**, 56, 3551-3560	94
1861	Tectonic setting and origin of the Proterozoic rapakivi granites of southeastern Fennoscandia. **1992**, 83, 165-171	65

1860	Episodic Early Proterozoic granitoid plutonism in the Makkovik Province, Labrador: UâPb geochronological data and geological implications. **1992**, 29, 1166-1179		40
1859	Age and tectonic setting of the Duke Island ultramafic intrusion, southeast Alaska. **1992**, 29, 506-522		28
1858	Crustal growth in West Africa at 2.1 Ga. **1992**, 97, 345		355
1857	Tectonic setting and U-Pb geochronology of the Early Tertiary Ladybird Leucogranite Suite, Thor-Odin - Pinnacles Area, Southern Omineca Belt, British Columbia. **1992**, 11, 258-278		82
1856	Contrasting P-T-t paths: Thermochronologic evidence for a Late Paleozoic final assembly of the Avalon Composite Terrane in the New England Appalachians. **1992**, 11, 672-689		30
1855	The 50 Ma granodiorite of the eastern Gulf of Alaska: Melting in an accretionary prism in the forearc. **1992**, 97, 6757		64
1854	Evidence for the generation of juvenile granitic crust during continental extension, Mineral Mountains Batholith, Utah. **1992**, 97, 11011		16
1853	Contrasting styles of Pre-Cenozoic and Mid-Tertiary crustal evolution in northern Mexico: Evidence from deep crustal xenoliths from La olivina. **1992**, 97, 17353		52
1852	Geology of the western flank of the Coast Mountains between Cape Fanshaw and Taku Inlet, southeastern Alaska. **1992**, 11, 567-585		44
1851	Gold Metallogeny. **1992**,		16
1850	Geochronology and palaeomagnetism of a late Proterozoic island arc terrane from the Red Sea Hills, northeast Sudan. *Earth and Planetary Science Letters*, **1992**, 114, 1-15	5.3	31
1849	The three-dimensional U?Pb method: Generalized models and implications for U?Pb two-stage systematics. **1992**, 100, 3-18		22
1848	Small scale heterogeneity of Phanerozoic lower crust: evidence from isotopic and geochemical systematics of mid-Cretaceous granulite gneisses, San Gabriel Mountains, southern California. **1992** , 109, 394-407		9
1847	Differential response of zircon UâPb isotopic systematics to metamorphism across a lithologic boundary: an example from the Hope Valley Shear Zone, southeastern Massachusetts, USA. **1992**, 109, 408-420		30
1846	Timing and origin of midcontinent rift alkaline magmatism, North America: evidence from the Coldwell Complex. **1992**, 110, 289-303		117
1845	The age and source of late Hercynian magmatism in the central Alps: evidence from precise UâPb ages and initial Hf isotopes. **1992**, 111, 329-344		83
1844	RbâSr, KâAr and fission track ages for granites from Penang Island, West Malaysia: an interpretation model for RbâSr whole-rock and for actual and experimental mica data. **1992**, 111, 527-542		20
1843	Lead-isotope evidence for a Hercynian origin of the Salsigne gold deposit (Southern Massif Central, France). **1992**, 27, 129-136		17

1842	Source of metals in metamorphic ore-forming processes in the Apuane Alps (NW Tuscany, Italy): Constraints by Pb-isotope data. **1992**, 45, 217-229	18
1841	Vesuvianite-new tool for the U-Pb dating of skarn ore deposits. **1992**, 46, 331-341	11
1840	Ages of altered granites adjoining the Witwatersrand Basin with implications for the origin of gold and uranium. **1992**, 357, 677-680	59
1839	Single-zircon dating by step-wise Pb evaporation: Comparison with other geochronological techniques applied to the Hercynian granites of Corsica, France. **1992**, 101, 131-141	33
1838	Discrepancies between neodymium, lead and strontium model ages from the Precambrian of southern East Greenland: Evidence for a Proterozoic granulite-facies event affecting Archaean gneisses. **1992**, 94, 281-291	9
1837	Structural and geochronologic relations along the western flank of the coast mountains batholith: Stikine river to Cape Fanshaw, central southeastern Alaska. **1992**, 14, 475-489	46
1836	The petrogenesis of group 2 ultrapotassic kimberlites from Finsch Mine, South Africa. **1992**, 28, 327-345	41
1835	Stratiform and vein U, Mo and Cu mineralization in the NovoveskÐHuta area, CSFR. **1993**, 28, 58-65	5
1834	The Saxonian Granulite Massif: new aspects from geochronological studies. **1993**, 82, 516-530	48
1833	A Pan-African alkaline pluton intruding the Saramuj Conglomerate, south-west Jordan. **1993**, 82, 121-135	40
1832	Diverse metal sources of Archaean gold deposits: evidence from in situ lead-isotope analysis of individual grains of galena and altaite in the Ross and Kirkland Lake deposits, Abitibi Greenstone belt, Canada. **1993**, 113, 185-195	5
1831	Conventional and ion-microprobe U-Pb dating of detrital zircons of the Tentudâ Group (Serie Negra, SW Spain): implications for zircon systematics, stratigraphy, tectonics and the Precambrian/Cambrian boundary. **1993**, 113, 289-299	49
1830	The evolution of the polymetamorphic basement in the Central Alps unravelled by precise UâPb zircon dating. **1993**, 113, 466-478	38
1829	Young formation age of a mantle plume source. **1993**, 362, 715-721	72
1828	UâPb ages of single shocked zircons linking distal K/T ejecta to the Chicxulub crater. **1993**, 366, 731-734	142
1827	An Early Proterozoic U-Pb zircon age from an Eskolabreen Formation gneiss in southern Ny Friesland, Spitsbergen. **1993**, 12, 147-152	10
1826	Geochronological cross section through northern Thailand. **1993**, 8, 207-217	44
1825	Mantle and Slab Contributions in ARC Magmas. **1993**, 21, 175-204	649

1824	Isotopic ages from the Nelson region of South Island New Zealand: crustal structure and definition of the Median Tectonic Zone. **1993**, 225, 433-448		76
1823	Reconnaissance isotopic geochemistry of anorthosite mangerite-charnockite-granite (AMCG) complexes, Grenville Province, Canada. **1993**, 106, 279-298		42
1822	Pb isotopic geochemistry of granitoids and gneisses from the late Archean Pontiac and Abitibi Subprovinces of Canada. **1993**, 106, 299-315		32
1821	Isotopic constraints on the age and origin of the Brattskarvet intrusive suite, Dronning Maud Land, Antarctica. **1993**, 106, 453-466		14
1820	A new approach for the determination of the age of partial or complete homogenization of Pb isotopes â Example: anchimetamorphic, detrital sediments of the Central Iberian Zone, Spain. **1993**, 107, 191-199		3
1819	Geochronology of Gaborone Granite Complex extensions in the area north of Mafikeng, South Africa. **1993**, 105, 319-337		35
1818	Dating mineralization using several isotopic methods: an example from the South Mountain Batholith, Nova Scotia, Canada. **1993**, 103, 251-270		11
1817	High precision U-Pb ages for granulite metamorphism and deformation in the Archean Kapuskasing structural zone, Ontario: implications for structure and development of the lower crust. *Earth and Planetary Science Letters*, **1993**, 119, 1-18	5.3	119
1816	O, Sr, Nd and Pb isotopic composition of the Kasuga Cross-Chain in the Mariana Arc: A new perspective on the K-h relationship. *Earth and Planetary Science Letters*, **1993**, 119, 459-475	5.3	61
1815	Th, U and other trace elements in carbonaceous chondrites: Implications for the terrestrial and solar-systemTh/U ratios. *Earth and Planetary Science Letters*, **1993**, 117, 265-278	5.3	91
1814	Fingerprinting the K/T impact site and determining the time of impact by UPb dating of single shocked zircons from distal ejecta. *Earth and Planetary Science Letters*, **1993**, 119, 425-429	5.3	91
1813	The Pb isotopic evolution of the Earth: inferences from river water suspended loads. *Earth and Planetary Science Letters*, **1993**, 115, 245-256	5.3	103
1812	Archaean rocks from southeastern Karelia (Karelian granite greenstone terrain). **1993**, 62, 375-397		46
1811	Late Archaean intrusive complexes in the Olekma granite-greenstone terrain (eastern Siberia): geochemical and isotopic study. **1993**, 62, 453-472		22
1810	The early evolution of the Southwest Swedish Gneiss Province: geochronological and isotopic evidence from southernmost Sweden. **1993**, 64, 361-388		53
1809	The âSaamianâof the Belomorian Mobile Belt: new geochronological constraints. **1993**, 64, 131-152		35
1808	High-pressure granulites of East Siberia in terms of Archaean and Proterozoic evolution. **1993**, 62, 473-491		12
1807	New isotope data from a neoproterozoic porphyritic garnitoid-charnockite suite from Natal, South Africa. **1993**, 62, 83-101		49

1806	Chronology of Proterozoic orogenic processes at the Archaean continental margin in northern Sweden. **1993**, 64, 225-238	62
1805	The youngest Paleozoic plutonism of the Newfoundland Appalachians: UâPb ages from the St. Lawrence and Franèis granites. **1993**, 30, 2328-2333	12
1804	Dating ductile deformation using UâPb geochronology: examples from the Gilbert River Belt, Grenville Province, Labrador, Canada. **1993**, 30, 1458-1469	21
1803	Age and geochemistry of granites associated with Momineralizations in western Bergslagen, Sweden. **1993**, 64, 319-335	16
1802	U?Pb geochronological constraints on the tectonic evolution of the Grenville Province, western Labrador. **1993**, 63, 123-142	56
1801	The Proterozoic Sinclair Sequence in southern Namibia: intracratonic rift or active continental margin setting?. **1993**, 63, 143-162	17
1800	Lead isotopic evidence for the origin of Paleo- and Mesoproterozoic rocks of the Colorado Province, U.S.A.. **1993**, 63, 97-122	23
1799	Dating the cessation of Kibaran magmatism in Natal, South Africa. **1993**, 16, 247-252	18
1798	U?Pb zircon ages from the Hook granite massif and Mwembeshi dislocation: constraints on Pan-African deformation, plutonism, and transcurrent shearing in Central Zambia. **1993**, 63, 189-209	76
1797	Implications of whole-rock Pb?Pb and zircon evaporation dates for the early metamorphic history of the Kasaîraton, Southern Zaîre. **1993**, 16, 395-404	21
1796	Geochronology of Archaean and Proterozoic events in the Ammassalik area, South-East Greenland, and comparisons with the Lewisian of Scotland and the Nagssugtoqidian of West Greenland. **1993**, 62, 239-270	62
1795	Geologic evolution of Iron Mountain, central Mojave Desert, California. **1993**, 12, 372-386	9
1794	The Coast Belt Thrust System: Evidence of Late Cretaceous shortening in southwest British Columbia. **1993**, 12, 756-775	81
1793	Episodic reactivation of a Late Precambrian mylonite zone on the Gondwanan Margin of the Appalachians, southern Newfoundland. **1993**, 12, 1043-1055	14
1792	Isotopic and trace-element constraints on mantle and crustal contributions to Siberian continental flood basalts, Noril'sk area, Siberia. **1993**, 57, 3677-3704	264
1791	Lead isotopic evidence for mixed sources of Proterozoic granites and pegmatites, Black Hills, South Dakota, USA. **1993**, 57, 4677-4685	29
1790	Applications of single-grain zircon evaporation analyses to detrital grain studies and age discrimination in igneous suites. **1993**, 57, 4257-4267	28
1789	Lead isotopic evidence for deep crustal-scale fluid transport during granite petrogenesis. **1993**, 57, 659-674	73

1788	Core growth and siderophile element depletion of the mantle during homogeneous Earth accretion. **1993**, 57, 2889-2898	33
1787	Rb-Sr dating of sphalerites from Mississippi Valley-type (MVT) ore deposits. **1993**, 57, 417-427	112
1786	Hydrothermal alteration of organic matter in uranium ores, Elliot Lake, Canada: Implications for selected organic-rich deposits. **1993**, 57, 3251-3259	22
1785	Lead geochronology of zircon by LaserProbe-inductively coupled plasma mass spectrometry (LP-ICPMS). **1993**, 57, 3479-3486	127
1784	Monazite as a metamorphic chronometer, south of the Grenville Front, western Quebec. **1993**, 30, 1056-1065	44
1783	Archean and Proterozoic tectono-magmatic activity along the southern margin of the Superior Province in northwestern Iowa, United States. **1993**, 30, 1275-1285	5
1782	Contrasting ore-lead isotope compositions in the Mellangruvan ore body and adjacent sulfide deposits, Vallbergetâ€loberg area, Bergslagen ore province, south-central Sweden. **1993**, 115, 59-63	3
1781	The Sandamap Noord Gold Prospect, Central Namibia: Discovery of a New Style of Turbidite-Hosted Gold Mineralization. **1993**, 35, 840-854	
1780	UâPb geochronology of deformation and metamorphism across a central transect of the Early Proterozoic Torngat Orogen, North River map area, Labrador. **1993**, 30, 1470-1489	59
1779	Isotopic investigations of metasedimentary and igneous rocks in the Palaeoproterozoic Bothnian Basin, central Sweden. **1993**, 115, 285-296	33
1778	The U-Pb age of the Strõn Gneiss in the SW Scandinavian Gneiss Complex. **1993**, 115, 335-338	3
1777	UâPb geochronologic constraints on the volcanic evolution of the Mira (Avalon) terrane, southeastern Cape Breton Island, Nova Scotia. **1993**, 30, 1-10	68
1776	Labradorian and Grenvillian crustal evolution of the Goose Bay region, Labrador: new UâPb geochronological constraints. **1993**, 30, 2315-2327	17
1775	U-Pb ages from SW Poland: evidence for a Caledonian suture zone between Baltica and Gondwana. **1993**, 150, 355-369	194
1774	U-Pb zircon ages from the Bindal Batholith, and the tectonic history of the Helgeland Nappe Complex, Scandinavian Caledonides. **1993**, 150, 771-783	54
1773	Precise determination of relative and absolute beta beta -decay rates of 128Te and 130Te. **1993**, 47, 806-825	83
1772	Formation and evolution of the Cigar Lake uranium deposit based on UâPb and KâAr isotope systematics. **1993**, 30, 720-730	34
1771	Tectonic significance of the Late Proterozoic Economy River gneiss, Cobequid Highlands, Avalon Composite Terrane, Nova Scotia. **1993**, 30, 474-479	43

1770	Geology and Genesis of the Bajiazi Polymetallic Sulfide Deposits, Liaoning, China. **1993**, 35, 920-943	5
1769	Calibrating rates of early Cambrian evolution. **1993**, 261, 1293-8	394
1768	A UâPb dating of the Askersund granite and its marginal augen gneiss. **1993**, 115, 321-329	33
1767	Lower Palaeozoic and Precambrian igneous rocks from eastern England, and their bearing on late Ordovician closure of the Tornquist Sea: constraints from U-Pb and Nd isotopes. **1993**, 130, 835-846	92
1766	Geochronology and Petrogenesis of the Archean Silicic Volcanoplutonic Series of the Verkhovtsevo Greenstone Structure, Ukraine. **1993**, 35, 1166-1181	12
1765	UâPb age of titanite in the Mylonite Zone, southwestern Sweden. **1993**, 115, 1-7	32
1764	Early Proterozoic Ties between Two Suspect Terranes and the Mojave Crustal Block of the Southwestern U.S.. **1993**, 101, 715-728	17
1763	K-Rich Calc-Alkaline Augen Gneisses of Grenvillian Age in SW Norway: Mingling of Mantle-Derived and Crustal Components. **1993**, 101, 763-778	27
1762	Provenance of turbiditic cover to the Caledonian SolundâStavfjord ophiolite from U-Pb single zircon dating. **1993**, 150, 673-676	9
1761	An active Neoproterozoic margin: evidence from the Skelton Glacier area, Transantarctic Mountains. **1993**, 150, 677-682	63
1760	Comparative Molecular, Elemental, and U-Pb Isotopic Composition of Stratiform and Dispersed-Globular Matter in the Paleoproterozoic Uraniferous Metasediments, Elliot Lake, Canada. **1993**, 15, 377-387	11
1759	Review in Zirconology. I. Progress in U-Pb dating of zircon.. **1993**, 88, 499-516	3
1758	A U-Pb Geochronological Framework for the Pinware Terrane, Grenville Province, Southeast Labrador. **1994**, 102, 67-78	69
1757	U-Pb zircon and Sm-Nd dating of Moldanubian HP/HT granulites from South ohemia, Czech Republic. **1994**, 151, 83-90	76
1756	Isotopic investigations of Proterozoic igneous rocks in south-western Sweden. **1994**, 116, 75-86	27
1755	The U-Pb zircon age of the RØñ rapakivi granite, central Sweden. **1994**, 116, 113-114	5
1754	UâPb geochronometry in the Horseranch Range, northern Omineca Belt, British Columbia, Canada. **1994**, 31, 341-350	
1753	Isotopic and Geochemical Investigation of the Chilwa Island Carbonatite Complex, Malawi: Evidence for a Depleted Mantle Source Region, Liquid Immiscibility, and Open-System Behaviour. **1994**, 35, 1597-1621	52

1752	Rare Earth Element Evidence for the Petrogenesis of the Banded Series of the Stillwater Complex, Montana, and its Anorthosites. **1994**, 35, 1623-1649	11
1751	Petrology, Geochemistry, and Tectonic Setting of Plagiogranites of the Chelyuskin Ophiolite Belt. **1994**, 36, 961-974	6
1750	Pan-African granulite-facies metamorphism in the Mozambique Belt of Tanzania: U-Pb zircon geochronology. **1994**, 151, 343-347	82
1749	UâPb zircon and monazite ages from the Kapuskasing uplift: age constraints on deformation within the Ivanhoe Lake fault zone. **1994**, 31, 1096-1103	33
1748	Geochemistry and argon thermochronology of the Variscan Sila Batholith, southern Italy: source rocks and magma evolution. **1994**, 117, 87-109	40
1747	Retrograde fluid infiltration in the high-grade Modum Complex South Norway: evidence for age, source and REE mobility. **1994**, 116, 32-46	44
1746	Petrology and geochronology of eclogites from the Variscan Schwarzwald (F.R.G.). **1994**, 115, 287-302	49
1745	Nd, Pb and Sr isotopic data from the Napak carbonatite-nephelinite centre, eastern Uganda: an example of open-system crystal fractionation. **1994**, 115, 356-366	45
1744	Polymetamorphic evolution of the Lewisian complex, NW Scotland, as recorded by U-Pb isotopic compositions of zircon, titanite and rutile. **1994**, 117, 215-228	103
1743	Geochronological constraints on the emplacement history of an anorthosite â rapakivi granite suite: UâPb zircon and baddeleyite study of the Korosten complex, Ukraine. **1994**, 116, 411-419	61
1742	U-Pb dating of minerals in alteration halos of Superior Province massive sulfide deposits: syngenesis versus metamorphism. **1994**, 115, 427-437	46
1741	A genetic reinterpretation of the Falun and ïmmeberg ore types, Bergslagen, Sweden. **1994**, 29, 170	29
1740	Age and tectonic setting of granitoid gneisses in the Eastern Desert of Egypt and south-west Sinai. **1994**, 83, 502	2
1739	U-Pb (zircon) ages for the gneissic terrane west of the Nile, southern Egypt. **1994**, 83, 514-522	62
1738	Origin and regional significance of late Precambrian and early Palaeozoic granitoids in the Pan-African belt of Somalia. **1994**, 83, 624	
1737	Geochemistry and origin of the Proterozoic ultrapotassic rocks of the Churchill Province, Canada. **1994**, 51, 251-276	29
1736	Geology, geochemistry and age of a Cu-Mo-bearing granite at Kabeliai, southern Lithuania. **1994**, 50, 43-57	26
1735	Pb-Nd-Sr isotopic and geochemical constraints on the origin of the 1.54â1.56 Ga Salmi rapakivi graniteâAnorthosite batholith (Karelia, Russia). **1994**, 50, 173-193	57

1734	Caledonian upgrading of Proterozoic low-grade base-metal deposits in Northern Sweden. **1994**, 50, 271-285	1
1733	Petrogenesis of the highly potassic 1.42 Ga Barrel Spring pluton, southeastern California, with implications for mid-Proterozoic magma genesis in the southwestern USA. **1994**, 118, 182-197	18
1732	Age and tectonic setting of granitoid gneisses in the Eastern Desert of Egypt and south-west Sinai. **1994**, 83, 502-513	150
1731	Origin and regional significance of late Precambrian and early Palaeozoic granitoids in the Pan-African belt of Somalia. **1994**, 83, 624-641	40
1730	The geological setting and style of copper mineralization at the Bushman group of deposits, northeastern Botswana. **1994**, 18, 87-97	4
1729	Implications of Pb-isotopic compositions at the Geita gold deposit, Sukumaland Greenstone Belt, Tanzania. **1994**, 18, 111-121	10
1728	Pb-isotope constraints on base-metal mineralisation at Kipushi (Southeastern Zaïre). **1994**, 18, 73-82	13
1727	The Palaeoproterozoic Ubendian shear belt in Tanzania: geochronology and structure. **1994**, 19, 169-184	136
1726	Pb?Pb whole-rock ages for the Pongola supergroup and the Usushwana Complex, South Africa. **1994**, 18, 297-308	18
1725	Disturbed radiometric ages and their bearing on interregional correlations in the SW Baltic Shield. **1994**, 31, 65-79	14
1724	Age and radiogenic isotopic composition of a late- to post-tectonic anorthosite in the Grenville Province: the Labrieville massif, Quebec. **1994**, 31, 189-206	44
1723	Rb-Sr and U-Pb isotope studies on migmatites from the Schwarzwald (Germany): constraints on isotopic resetting during Variscan high-temperature metamorphism. **1994**, 12, 667-680	33
1722	UâPb geochronology of late Neoarchean tonalites in the Flin Flon Belt, Trans-Hudson Orogen: surprise at surface. **1994**, 31, 1785-1790	14
1721	A precise 232Th-208Pb chronology of fine-grained monazite: Age of the Bayan Obo REE-Fe-Nb ore deposit, China. **1994**, 58, 3155-3169	89
1720	Chronology of magmatism and mineralization in the Kassandra mining area, Greece: The potentials and limitations of dating hydrothermal illites. **1994**, 58, 2107-2122	27
1719	A U-Pb study of the Morkheia Complex and associated gneisses, southern Norway: Implications for disturbed Rb-Sr systems and for the temporal evolution of Mesoproterozoic magmatism in Laurentia. **1994**, 58, 1899-1911	33
1718	Formation and emplacement of the Josephine ophiolite and the Nevadan orogeny in the Klamath Mountains, California-Oregon: U/Pb zircon and 40Ar/39Ar geochronology. **1994**, 99, 4293-4321	62
1717	Reassessment of Archean crustal development in the Barberton Mountain Land, South Africa, based on U-Pb dating. **1994**, 13, 167-192	228

1716	The origin of a terrane: U/Pb zircon geochronology and tectonic evolution of the Xolapa complex (southern Mexico). **1994**, 13, 455-474		82
1715	Cooling history of the northern Ford Ranges, Marie Byrd Land, West Antarctica. **1994**, 13, 837-857		51
1714	Precise U-Pb ages for Grenvillian and pre-Grenvillian thrusting of Proterozoic and Archean metamorphic assemblages in the Grenville Front tectonic zone, Canada. **1994**, 13, 963-982		100
1713	Tectonic setting of the Slide Mountain terrane, southern British Columbia. **1994**, 13, 1242-1258		30
1712	Uranium, Thorium, Lead Dating. **1994**, 115-161		
1711	Palaeoproterozoic U-Pb zircon ages from Belorussia: new geodynamic implications for the East European Craton. **1994**, 68, 231-240		36
1710	Timing of Late Archaean granulite facies metamorphism in the southwestern Yilgarn Craton of Western Australia: evidence from U-Pb ages of zircons fro mafic granulites. **1994**, 68, 307-321		50
1709	Zircon and rutile U-Pb geochronology of the Niquelîndia layered mafic and ultramafic intrusion, Brazil: constraints for the timing of magmatism and high grade metamorphism. **1994**, 68, 241-255		47
1708	Sediment-Hosted Zn-Pb Ores. **1994**,		0
1707	Albitization at 1700 ´ – 2 Ma in the Sudbury âWanapitei Lake area, Ontario: implications for deep-seated alkalic magmatism in the Southern province. **1994**, 31, 597-607		33
1706	Nd and Pb isotope ratios of the Abitibi greenstone belt: new evidence for very early differentiation of the Earth. *Earth and Planetary Science Letters*, **1994**, 128, 215-229	5.3	46
1705	Early Archaean component (> 3.5 Ga) within a 3.05 Ga orthogneiss from northern Nigeria: U?Pb zircon evidence. *Earth and Planetary Science Letters*, **1994**, 125, 89-103	5.3	54
1704	Sm-Nd isotope systematics of 1.9-1.8-Ga granites from western Bergslagen, Sweden: inferences on a 2.1-2.0-Ga crustal precursor. **1994**, 112, 21-37		18
1703	Pb?Pb and U?Pb geochronology of carbonate rocks: an assessment. **1994**, 115, 125-151		95
1702	Formation of 1.9-Ga-old Trans-Hudson continental crust: Pb isotopic data. **1994**, 118, 9-26		23
1701	A comprehensive U?Pb, Sm?Nd, Rb?Sr and 40Ar?39Ar geochronological study on Guidong Granodiorite, southeast China: Records of multiple tectonothermal events in a single pluton. **1994**, 115, 283-295		47
1700	Epithermal gold deposits in West Java, Indonesia: geology, age and crustal source. **1994**, 50, 393-408		40
1699	Lead and barium sources in Cambrian siliciclastics and sediment provenance of a sector of the Taconic Orogen, Quebec: a mixing scenario based on Pb-isotopic evidence. **1994**, 9, 455-476		10

1698	U?Pb geochronology of the Sri Lankan basement. **1994**, 66, 123-149	106
1697	U?Pb and Sm?N edvidence for Eburnian and Pan-African high-grade metamorphism in cratonic rocks of southern Cameroon. **1994**, 67, 321-347	220
1696	U?Pb age constraints on deposition and provenance of Birimian and gold-bearing Tarkwaian sediments in Ghana, West Africa. **1994**, 67, 89-107	152
1695	Precise U?Pb zircon ages of Neoproterozoic plutons in the southern Appalachian Blue Ridge and their implications for the initial rifting of Laurentia. **1994**, 68, 81-95	46
1694	Age and implications of Early Ordovician (Arenig) plutonism in the type area of the Bay du Nord Group, Dunnage Zone, southern Newfoundland Appalachians. **1994**, 31, 351-357	12
1693	Uranium-lead zircon ages from the Median Tectonic Zone, New Zealand. **1994**, 37, 393-419	149
1692	Late Jurassic-Early Cretaceous metamorphic age of Fraser Complex migmatite, Westland, New Zealand. **1994**, 37, 137-142	9
1691	Lead and strontium isotopes in metalliferous and calcareous pelitic sediments of the Red Sea axial trough. **1994**, 29, 81-93	2
1690	U-Pb, Single Zircon Pb-Evaporation, and Sm-Nd Isotopic Study of a Granulite Domain in SE Madagascar. **1994**, 102, 523-538	194
1689	New evidence for Neoarchaean, hydrothermally altered granites in south-central Botswana. **1995**, 152, 747-750	7
1688	U-Pb zircon ages of Mesozoic plutons in the Damyang-Geochang area, Ryongnam massif, Korea.. **1995**, 29, 243-258	47
1687	A Middle Silurian-Early Devonian Magmatic Arc in the Qinling Mountains of Central China. **1995**, 103, 437-449	89
1686	Age and Geochemical Characteristics of Bimodal Magmatism in the Neoproterozoic Grandfather Mountain Rift Basin. **1995**, 103, 313-326	47
1685	Westward continuation of the cratonâ□limpopo Belt tectonic break in Zimbabwe and new age constraints on the timing of the thrusting. **1995**, 152, 77-83	58
1684	Crustal contamination in early Basin-and-Range hawaiites of the Los Encinos Volcanic Field, central M̆ico. **1995**, 118, 321-339	32
1683	Jurassic plutonism and crustal evolution in the central Mojave Desert, California. **1995**, 118, 379-395	14
1682	One hundred years of rapakivi granite. **1995**, 52, 129-185	199
1681	Crustal assimilation during turbulent magma ascent (ATA); new isotopic evidence from the Mull Tertiary lava succession, N. W. Scotland. **1995**, 119, 142-154	73

1680	Age and evolution of scheelite-hosting rocks in the Felbertal deposit (Eastern Alps): U-Pb geochronology of zircon and titanite. **1995**, 119, 377-386	15
1679	Exposure of a late cretaceous layered mafic-felsic magma system in the central Sierra Nevada batholith, California. **1995**, 120, 129-136	54
1678	Grenvillian U-Pb zircon ages of quartz porphyry and rhyolite clasts in a metaconglomerate at Vimsodden, southwestern Spitsbergen. **1995**, 14, 291-302	26
1677	THREE NATURAL ZIRCON STANDARDS FOR U-TH-PB, LU-HF, TRACE ELEMENT AND REE ANALYSES. **1995**, 19, 1-23	3875
1676	Metamorphic and structural history of continental crust at a Mesozoic collisional margin, the Ruby terrane, central Alaska. **1995**, 13, 25-40	11
1675	The geochemistry and isotopic composition of the mafic and intermediate igneous components of the Cape Granite Suite, South Africa. **1995**, 21, 59-70	13
1674	Lead isotope variations within the Bushveld complex, Southern Africa: a reconnaissance study. **1995**, 21, 595-606	40
1673	Crustal and magmatic evolution in a large multicyclic caldera complex: isotopic evidence from the central San Juan volcanic field. **1995**, 67, 1-28	44
1672	A PIXE, EPMA and SIMS study of the Chainpur meteorite: small grains of lead found in a chondrule. **1995**, 104, 494-500	4
1671	Further constraints on the temporal evolution of the Oslo Rift from precise U-Pb zircon dating in the Siljan-Skrim area. **1995**, 34, 301-315	18
1670	Paleozoic evolution of southern Alpine crust (northern Italy) as indicated by contrasting granitoid suites. **1995**, 35, 47-63	27
1669	The 1160 Ma Hidderskog meta-charnockite: implications of this A-type pluton for the Sveconorwegian belt in Vest Agder (SW Norway). **1995**, 36, 51-66	26
1668	Origins and ages of Proterozoic granitoids in the Bothnian Basin, central Sweden; isotopic and geochemical constraints. **1995**, 36, 115-140	86
1667	Nd, Pb and Sr isotopic data from the Mount Elgon volcano, eastern Uganda-western Kenya: Implications for the origin and evolution of nephelinite lavas. **1995**, 36, 141-153	30
1666	U-Pb and Pb-Pb zircon dating of the older orthogneiss suite in the Silvretta nappe, eastern Alps: Cadomian magmatism in the upper Austro-Alpine realm. **1995**, 84, 457	1
1665	Tectonic environments of Cenozoic volcanic rocks in China and characteristics of the source regions in the mantle. **1995**, 14, 289-302	8
1664	Galena lead isotopic variations in a Mesozoicâ€Cenozoic Andean arc, Antarctic Peninsula. **1995**, 152, 767-778	6
1663	Detrital zircon geochronology of a conglomerate in the northeastern Cape Breton Highlands: implications for the relationships between terranes in Cape Breton Island, the Canadian Appalachians. **1995**, 32, 216-223	7

1662 Tectonic and metamorphic events in the westernmost Grenville Province, central Ontario: new results from high-precision UâPb zircon geochronology. **1995**, 32, 660-671 39

1661 Chronology of Avalonian events on Presqu'Îe du Cap Miquelon (Le Cap), Saint-Pierre et Miquelon (France). **1995**, 32, 952-958

1660 Pb, Sr, and Nd isotopic systematics of rocks from the Galapagos Microplate. **1995**, 32, 508-515

1659 UâPb ages from the Nimish Formation and Montagnais glomeroporphyritic gabbro of the central New Québec Orogen, Canada. **1995**, 32, 1208-1220 30

1658 Tectonic implications of an 1846´–1 Ma old migmatitic granite in south-central Sweden. **1995**, 117, 69-74 15

1657 Hydration during uplift is recorded by reset RbâSr whole-rock ages. **1995**, 152, 209-212 17

1656 Early Palaeozoic rather than Neoproterozoic volcanism and rifting within the Transantarctic Mountains. **1995**, 152, 417-420 29

1655 A Crustal Progenitor for the Intrusive Anorthosite--Charnockite Kindred of the Cupriferous Koperberg Suite, O'okiep District, Namaqualand, South Africa; New Isotope Data for the Country Rocks and the Intrusives. **1995**, 36, 231-258 45

1654 Lode-gold deposits of the Yilgarn block: products of Late Archaean crustal-scale overpressured hydrothermal systems. **1995**, 95, 155-172 32

1653 Isotope studies of granitoids from the Bangenhuk Formation, Ny Friesland Caledonides, Svalbard. **1995**, 132, 303-320 42

1652 U-Pb zircon dating of Stockholm granite at Frescati. **1995**, 117, 67-68 12

1651 Geochemistry, age, and origin of the Hğberget granite, western Bergslagen, Sweden. **1995**, 117, 87-95 9

1650 Zircon U-Pb age of the Paramo Rico tonalite-granodiorite, Santander Massif (Cordillera Oriental, Colombia) and its geotectonic significance. **1995**, 8, 187-194 36

1649 and geochronologic studies of the eastern Borborema Province, Northeastern Brazil: initial conclusions. **1995**, 8, 267-288 211

1648 Rb-Sr redistribution during amphibolite-grade mylonitization: An example from the Hope Valley Shear Zone, Massachusetts, U.S.A.. **1995**, 19, 351-377

1647 A new indicator of glacial dispersal: Lead isotopes. **1995**, 14, 275-287 11

1646 U?Pb geochronology and tectonic development of the southern flank of the Kisseynew Domain, Trans-Hudson Orogen, Canada. **1995**, 72, 147-167 29

1645 The Pb/Pb age of the Minas Supergroup carbonate rocks, Quadrilátero Ferrífero, Brazil. **1995**, 72, 235-245 125

1644	Carbonate PbPb ages of the Wittenoom Formation and Carawine Dolomite, Hamersley Basin, Western Australia (with implications for their correlation with the Transvaal Dolomite of South Africa). **1995**, 72, 247-261		43
1643	Neoarchean trondhjemitic and tonalitic orthogneisses identified within the northern Grenville Province in Ontario by precise UPb dating and petrologic studies. **1995**, 72, 263-281		12
1642	A comparison of the geochronology and geochemistry of plagioclase-dominated granitoids across a major terrane boundary in the SW Balitic Shield. **1995**, 74, 57-72		26
1641	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
1640	Lead and sulphur isotope dilution during dispersion from the Falun mining area. **1995**, 52, 91-95		7
1639	Zircon and monazite U?Pb dating of the Doi Inthanon core complex, northern Thailand: implications for extension within the Indosinian Orogen. **1995**, 251, 197-213		90
1638	Geochemical characteristics and origin of the Jacupiranga carbonatites, Brazil. **1995**, 119, 79-99		48
1637	U?Pb dating of granites with inherited zircon: Conventional and ion microprobe results from two Paleozoic plutons, Canadian Appalachians. **1995**, 119, 307-329		19
1636	Isotope constraints on the age and origin of magmatism and metamorphism in the Malpica-Tuy allochthon, Galicia, NW Spain. **1995**, 121, 91-103		81
1635	Evolution of the Western European continental crust: implications from Nd and Pb isotopes in Iberian sediments. **1995**, 121, 345-357		48
1634	The composition of the Earth. **1995**, 120, 223-253		9036
1633	Isotopic data from the Amba Dongar Carbonatite Complex, west-central India: Evidence for an enriched mantle source. **1995**, 122, 185-198		96
1632	Charnockitic and monzonitic Pan-African series from north-central Nigeria: Trace-element and Nd, Sr, Pb isotope constraints on their petrogenesis. **1995**, 124, 233-252		27
1631	The Gabal Gerf complex: A precambrian N-MORB ophiolite in the Nubian Shield, NE Africa. **1995**, 123, 29-51		198
1630	Origin of topaz-bearing and related peraluminous granites of the Late Devonian Davis Lake pluton, Nova Scotia, Canada: crystal versus fluid fractionation. **1995**, 123, 67-88		61
1629	U?Pb dating of a carbonate subaerial exposure event. *Earth and Planetary Science Letters*, **1995**, 131, 177-187	5.3	23
1628	Grenvillian granulite-facies metamorphism in the Arequipa Massif, Peru: a Laurentia-Gondwana link. *Earth and Planetary Science Letters*, **1995**, 132, 63-73	5.3	87
1627	U?Th?Pb zircon dating of the 13.8-Ma dacite volcanic dome at Cerro Rico de Potosŝ Bolivia. *Earth and Planetary Science Letters*, **1995**, 133, 227-237	5.3	10

1626	Improving the resolution of single-grain U/Pb dating by use of zircon extracted from feldspar: Application to the Variscan magmatic cycle in the central Alps. *Earth and Planetary Science Letters*, **1995**, 134, 37-51	5.3	20
1625	Geochemical and NdSrPb isotopic composition of Alleghanian granites of the southern Appalachians: Origin, tectonic setting, and source characterization. *Earth and Planetary Science Letters*, **1995**, 134, 359-376	5.3	32
1624	The impact of diagenesis on high-precision UPb dating of ancient carbonates: An example from the Late Permian of New Mexico. *Earth and Planetary Science Letters*, **1995**, 134, 409-423	5.3	42
1623	Strontium, neodymium, and lead isotopic evidence for the interaction of post-suhduction asthenospheric potassic mafic magmas of the Highwood Mountains, Montana, USA, with ancient Wyoming craton lithospheric mantle. **1995**, 59, 4539-4556		71
1622	The origin of Kenya rift plateau-type flood phonolites: Evidence from geochemical studies for fusion of lower crust modified by alkali basaltic magmatism. **1995**, 100, 411-422		27
1621	Lead isotope systematics in Pacific hydrothermal sulfide deposits. **1995**, 100, 6025-6040		41
1620	Connection between igneous activity and extension in the central Mojave metamorphic core complex, California. **1995**, 100, 10477-10494		18
1619	Thermotectonic evolution of the Grenville Province of western Labrador. **1995**, 14, 202-217		26
1618	Origin of gneisses in the aureole of the San Gabriel anorthosite complex and implications for the Proterozoic crustal evolution of southern California. **1995**, 14, 736-752		15
1617	The sequence of magmatic and mineralization events in the Abitibi greenstone belt: isotopic evidence from Taylor Township, Timmins area, northern Ontario, Canada. **1995**, 32, 1221-1235		3
1616	Late Labradorian metamorphism and anorthositeâ granitoid intrusion, Cape Caribou River allochthon, Grenville Province, Labrador: evidence from UâPb geochronology. **1995**, 32, 1411-1425		11
1615	UâPb geochronology of a Paleoproterozoic continental magmatic arc on the western margin of the Archean Nain craton, northern Labrador, Canada. **1995**, 32, 1870-1882		18
1614	Thermal evolution of the southeastern Canadian Cordillera. **1995**, 32, 1618-1642		111
1613	Reply to the Comment by J. P. Hogan on â ead isotopic evidence for deep crustal-scale fluid transport during granite petrogenesisâ **1995**, 59, 423-426		
1612	Early Proterozoic crustal evolution: Geochemical and NdPb isotopic evidence from metasedimentary rocks, southwestern North America. **1995**, 59, 1153-1177		197
1611	The composition of the continental crust. **1995**, 59, 1217-1232		3745
1610	Geochemical and isotopic study of a norite-eclogite transition in the European Variscan belt: Implications for U?Pb zircon systematics in metabasic rocks. **1995**, 59, 1611-1622		63
1609	The 4.56 Ga U?Pb age of the MET 780058 ureilite. **1995**, 59, 2319-2329		23

1608	U-Pb isotope geochronology of zircon: evaluation of the laser probe-inductively coupled plasma mass spectrometry technique. **1995**, 59, 2491-2500	262
1607	Strontium, neodymium, and lead isotopic and trace-element signatures of the East indonesian sediments: provenance and implications for banda arc magma genesis. **1995**, 59, 2573-2598	109
1606	Further evidence for a low U/Pb source in the moon: U?Th?Pb, Sm?Nd, and Ar?Ar isotopic systematics of lunar meteorite Yamato-793169. **1995**, 59, 2621-2632	22
1605	U?Th?Pb and Sm?Nd isotopic systematics of the Goalpara ureilite: Resolution of terrestrial contamination. **1995**, 59, 381-390	25
1604	Mass transfer of helium, neon, argon, and xenon through a steady-state upper mantle. **1995**, 59, 4921-4937	191
1603	Biostratigraphic and Geochronologic Constraints on Early Animal Evolution. **1995**, 270, 598-604	545
1602	Petrology and age of the Mechanic Settlement Pluton, Avalon terrane, southern New Brunswick. **1995**, 32, 2147-2158	6
1601	UâPb geochronology of the Nain craton on the eastern margin of the Torngat Orogen, Labrador. **1995**, 32, 1859-1869	12
1600	UâPb zircon geochronology of Lower Jurassic and Paleozoic Stikinian strata and Tertiary intrusions, northwestern British Columbia. **1995**, 32, 1155-1171	17
1599	UâPb geochronology of the Mazinaw terrane, an imbricate segment of the Central Metasedimentary Belt, Grenville Province, Ontario. **1995**, 32, 959-976	41
1598	Age of the Grenville dyke swarm, OntarioâQuebec: implications for the timing of lapetan rifting. **1995**, 32, 273-280	105
1597	The southern Omineca Belt, British Columbia: new perspectives from the Lithoprobe Geoscience Program. **1995**, 32, 1720-1739	32
1596	U-Pb geochronology of detrital zircon from Upper Jurassic synorogenic turbidites, Galice Formation, and related rocks, western Klamath Mountains: Correlation and Klamath Mountains provenance. **1995**, 100, 18045-18058	17
1595	Noble gases, K, U, Th, and Pb in native gold. **1995**, 100, 24677-24689	12
1594	U-Pb and 40Ar/39Ar geochronology of the Symvolon granodiorite: Implications for the thermal and structural evolution of the Rhodope metamorphic core complex, northeastern Greece. **1995**, 14, 886-908	87
1593	Silurian plutonism in the Trinity terrane (Neoproterozoic and Ordovician), Klamath Mountains, California, United States. **1995**, 14, 1007-1013	15
1592	U-Pb geoehronology and evolution of the English River Subprovince, an Archean low P-high T metasedimentary belt in the Superior Province. **1995**, 14, 1220-1233	39
1591	Early Paleozoic chronology: a review in light of new U âPb zircon ages from Newfoundland and Britain. **1995**, 32, 368-379	258

1590	Westward accretion of the Baltic Shield: implications from the 1.6 Ga Horred Belt, SW Sweden. **1995**, 70, 235-251	47
1589	UPb geochronology of the northern Torngat Orogen, Labrador, Canada: a record of Palaeoproterozoic magmatism and deformation. **1995**, 70, 169-190	41
1588	Early Cambrian carbonatite in Antarctica. **1995**, 152, 721-728	40
1587	Grenvillian basement and a major unconformity within the Caledonides of Nordaustlandet, Svalbard. **1995**, 70, 215-234	83
1586	Zircon ages of granites occurring along the central swedish gravity low. **1996**, 118, 217-225	21
1585	Intracrustal extension of an Archean orogen revealed using single-grain U-Pb zircon geochronology. **1996**, 15, 1093-1109	50
1584	Zircon U-Pb geochronology of plutonic rocks from the Antarctic Peninsula: Confirmation of the presence of unexposed Paleozoic crust. **1996**, 15, 1309-1324	35
1583	Archaean granulites of the Limpopo Belt, Zimbabwe: One slow exhumation or two rapid events?. **1996**, 15, 1414-1430	31
1582	Lead isotope study on hydrothermal sulfide mineralisation in the Willyama Supergroup, Olary Block, South Australia. **1996**, 43, 177-187	8
1581	Pb–Pb zircon evaporation date for the Charleston Granite, South Australia: Comparisons with other zircon geochronology techniques. **1996**, 43, 133-137	8
1580	UPb and RbSr geochronological evidence for late Hercynian tectonic and Alpine overthrusting in Kabylian metamorphic basement massifs (northeastern Algeria). **1996**, 258, 195-213	32
1579	Early cretaceous magmatism during extensional deformation within the Antarctic Peninsula Magmatic Arc. **1996**, 9, 121-129	24
1578	U?Pb zircon ages for the Missanabie-Renabie area and their relation to the rest of the Michipicoten greenstone belt, Superior Province, Ontario, Canada. **1996**, 76, 191-211	4
1577	Extended history of a 3.5 Ga trondhjemitic gneiss, Wyoming Province, USA: evidence from U?Pb systematics in zircon. **1996**, 78, 41-52	45
1576	The Messina Layered Intrusion, Limpopo Belt, South Africa: An example of in-situ contamination of an Archean anorthosite complex by continental crust. **1996**, 78, 139-150	29
1575	Pb, Sr and Nd isotope constraints on the Archaean evolution of gneissic-granitoid complexes in the southern São Francisco Craton, Brazil. **1996**, 78, 151-164	98
1574	The Ongeluk basaltic andesite formation in Griqualand West, South Africa: submarine alteration in a 2222 Ma proterozoic sea. **1996**, 79, 101-123	148
1573	Chemical dynamics of enriched mantle in the southwestern United States: Thorium isotope evidence. *Earth and Planetary Science Letters*, **1996**, 138, 67-81 5.3	37

1572	Inherited Pb components in magmatic titanite and their consequence for the interpretation of U?Pb ages. *Earth and Planetary Science Letters*, **1996**, 138, 57-65	5.3	94
1571	The short duration and anorogenic character of anorthosite magmatism: UPb dating of the Rogaland complex, Norway. *Earth and Planetary Science Letters*, **1996**, 139, 335-350	5.3	164
1570	Multistage zircon and titanite growth and inheritance in an Archean gneiss complex, Winnipeg River Subprovince, Ontario. *Earth and Planetary Science Letters*, **1996**, 141, 175-186	5.3	55
1569	Inherited zircon and titanite U?Pb systems in an Archaean syenite from southwestern Australia: implications for U?Pb stability of titanite. *Earth and Planetary Science Letters*, **1996**, 141, 187-198	5.3	98
1568	U?Pb dating of calcite concretions from Cambrian black shales and the Phanerozoic time scale. *Earth and Planetary Science Letters*, **1996**, 141, 153-159	5.3	35
1567	Pb isotope constraints on the provenance and diagenesis of detrital feldspars from the Sudbury Basin, Canada. *Earth and Planetary Science Letters*, **1996**, 142, 501-512	5.3	22
1566	Isotope systematics in vein gold from Brusson, Val d'Ayas (NW Italy), 1. Pb/Pb evidence for a Piemonte metaophiolite Au source. **1996**, 127, 111-124		13
1565	Enriched Nd?Sr?Pb isotopic signatures in the Dovyren layered intrusion (eastern Siberia, Russia): evidence for source contamination by ancient upper-crustal material. **1996**, 129, 39-69		36
1564	Origin and evolution of the Paleozoic Cabo Ortegal ultramafic-mafic complex (NW Spain): U?Pb, Rb?Sr and Pb?Pb isotope data. **1996**, 129, 281-304		72
1563	Comparison of TIMS (U-Pb) and laser ablation microprobe ICP-MS (Pb) techniques for age determination of detrital zircons from Paleoproterozoic metasedimentary rocks from northeastern Laurentia, Canada, with tectonic implications. **1996**, 131, 127-142		62
1562	U-Pb and Rb-Sr isotopic systematics of fluids associated with mineralization of the Dartmoor granite, southwest England. **1996**, 60, 653-666		8
1561	Isotopic evidence for distinct crustal sources of North and South Range ores, Sudbury Igneous Complex. **1996**, 60, 1605-1613		52
1560	U?Pb systematics of stilbite-bearing low-temperature mineral assemblages from the Malmberget iron ore, northern Sweden. **1996**, 60, 1951-1961		37
1559	Resolving high precision U-Pb ages from Tertiary plutons with complex zircon systematics. **1996**, 60, 3955-3965		18
1558	Tracking the sources of icebergs with lead isotopes: The provenance of ice-rafted debris in Heinrich layer 2. **1996**, 11, 77-93		89
1557	Tectonic setting and U/Pb zircon dating of the plutonic Socorro Complex in the Transpressive Rio Paraba do Sul Shear Belt, SE Brazil. **1996**, 15, 688-699		56
1556	The Amazon-Laurentian connection as viewed from the Middle Proterozoic rocks in the central Andes, western Bolivia and northern Chile. **1996**, 15, 827-842		84
1555	Late Silurian plutons in Yucatan. **1996**, 101, 17727-17735		59

1554	Trace-element and U?Pb isotope compositions of pyrite types in the Proterozoic Black Reef, Transvaal Sequence, South Africa: Implications on genesis and age. **1996**, 133, 173-199		44
1553	UPb, PbPb and SmNd dating of authigenic monazite: implications for the diagenetic evolution of the Welsh Basin. *Earth and Planetary Science Letters*, **1996**, 144, 421-433	5.3	65
1552	A 2.023 Ga age for the Vredefort impact event and a first report of shock metamorphosed zircons in pseudotachylitic breccias and Granophyre. *Earth and Planetary Science Letters*, **1996**, 144, 369-387	5.3	275
1551	Precise UPb chronometry of 345-340 Ma old magmatism related to syn-convergence extension in the Southern Vosges (Central Variscan Belt). *Earth and Planetary Science Letters*, **1996**, 144, 403-419	5.3	67
1550	Two thousand years of atmospheric arsenic, antimony, and lead deposition recorded in an ombrotrophic peat bog profile, Jura Mountains, Switzerland. *Earth and Planetary Science Letters*, **1996**, 145, E1-E7	5.3	208
1549	U?Pb and Sr isotopic studies on granitoids from Taiwan and Chinmen-Lieyû and tectonic implications. **1996**, 263, 61-76		46
1548	Characterization and tectonic evolution of a Mesoproterozoic island arc in the southern Grenville Orogen, Llano uplift, central Texas. **1996**, 265, 29-52		30
1547	Radiogenic isotopes of the Estonian and Latvian rapakivi granite suites: new data from the concealed Precambrian of the East European Craton. **1996**, 79, 209-226		50
1546	Origin and age of Paleoproterozoic conglomerates and sandstones of the Tarkwaian Group in Burkina Faso, West Africa. **1996**, 80, 153-172		52
1545	U?Pb geochronology of Labradorian and later events in the Grenville Province, eastern Labrador. **1996**, 80, 239-260		15
1544	The Neoproterozoic Pan-African basement from the Alpine Lower Danubian nappe system (South Carpathians, Romania). **1996**, 80, 281-301		50
1543	Pb isotopic ratios and elemental abundances for selective leachates from near-surface till: implications for mineral exploration. **1996**, 11, 721-734		15
1542	geochronology and significance of Late Permian ignimbrites in Northern Chile. **1996**, 9, 281-293		26
1541	Post-collision, Shoshonitic Volcanism on the Tibetan Plateau: Implications for Convective Thinning of the Lithosphere and the Source of Ocean Island Basalts. **1996**, 37, 45-71		770
1540	Impact melt dikes in the Sudbury multi-ring basin (Canada): Implications from uranium-lead geochronology on the Foy Offset Dike. **1996**, 31, 494-501		27
1539	Lead and Helium Isotope Evidence from Oceanic Basalts for a Common Deep Source of Mantle Plumes. **1996**, 272, 991-5		360
1538	Detrital Zircon Link Between Headwaters and Terminus of the Upper Triassic Chinle-Dockum Paleoriver System. **1996**, 273, 97-100		89
1537	Copper Sources, Metal Production, and Metals Trade in Late Postclassic Mesoamerica. **1996**, 273, 1819-1824		34

1536	Timing between granitoid emplacement and associated gold mineralization: examples from the ca. 2.7 Ga HarareâShamva greenstone belt, northern Zimbabwe. **1996**, 33, 981-992	14
1535	The Parry Sound domain: a far-travelled allochthon? New evidence from UâPb zicon geochronology. **1996**, 33, 1087-1104	54
1534	UâPb chronology of the Ennerdale and Eskdale intrusions supports sub-volcanic relationships with the Borrowdale Volcanic Group (Ordovician, English Lake District). **1996**, 153, 33-38	30
1533	Evidence of heterogeneous crustal sources: the Harney Peak Granite, South Dakota, U.S.A.. **1996**, 87, 331-337	15
1532	Avalonian magmatism and terrane linkage: new isotopic data from the Precambrian of North Wales. **1996**, 153, 91-99	15
1531	U-Pb dating of detrital zircons from the Sangun metamorphic rocks, Kyushu, Southwest Japan: An evidence for 1.9-2.0 Ga granite emplacement in the provenance.. **1996**, 30, 261-271	12
1530	U-Pb zircon ages for Precambrian rocks in southwestern Ryeongnam and southwestern Gyeonggi massifs, Korea.. **1996**, 30, 231-249	38
1529	Advances in U-Pb zircon geochronology of Mesozoic plutonism in the southwestern part of Ryeongnam massif, Korea.. **1996**, 30, 323-338	44
1528	Geochronology of the mid-German crystalline rise west of the River Rhine. **1996**, 85, 761-774	32
1527	Early Cambrian oceanic plagiogranite in the Silvretta Nappe, eastern Alps: geochemical, zircon U-Pb and Rb-Sr data from garnet-hornblende-plagioclase gneisses. **1996**, 85, 822-831	23
1526	Conventional U-Pb dating versus single-grain Pb evaporation dating of complex zircons from a pegmatite in the high-grade gneisses of southwestern Sweden. **1996**, 38, 93-105	40
1525	Constraints on Archaean crustal evolution of the Zimbabwe craton: a U-Pb zircon, Sm-Nd and Pb-Pb whole-rock isotope study. **1996**, 124, 55-70	78
1524	Nature of the crust in Maine, USA: evidence from the Sebago batholith. **1996**, 125, 45-59	27
1523	U-Pb sphene dating of metamorphism: the importance of sphene growth in the contact aureole of the Red Mountain pluton, Laramie Mountains, Wyoming. **1996**, 125, 186-199	67
1522	Geochemistry and genesis of the Lengenbach Pb-Zn-As-Tl-Ba-mineralisation, Binn Valley, Switzerland. **1996**, 31, 319-339	42
1521	A Pan-African thermal event in southern India. **1996**, 14, 127-136	72
1520	U-Pb geochronology of Late Palaeozoic plutons, Cobequid Highlands, Nova Scotia, Canada: evidence for Late Devonian emplacement adjacent to the Meguma-Avalon terrane boundary in the Canadian Appalachians. **1996**, 31, 179-188	26
1519	Petrography, age and origin of the Schiel alkaline complex, northern Transvaal, South Africa. **1996**, 22, 133-145	11

1518	Lead isotope systematics of epigenetic lead-zinc mineralization in the western part of the Rheinisches Schiefergebirge, Germany. **1996**, 31, 225-237	27
1517	Lead isotope study of Zn-Pb ore deposits associated with the Basque-Cantabrian basin and Paleozoic basement, Northern Spain. **1996**, 31, 84	32
1516	Scapolite: a tracer for the initial lead isotopic composition in sulfide deposits with later additions of radiogenic lead. **1996**, 31, 134	4
1515	Major and trace element geochemistry and isotope (Sr, Nd, Pb, O) systematics of an Archaean basement involved in a 2.0 Ga very high-temperature (1000´ °C) metamorphic event: In Ouzzal Massif, Hoggar, Algeria. **1996**, 14, 667-692	44
1514	Metallogenesis of the late Pan-African gold-bearing East Ouzzal shear zone (Hoggar, Algeria). **1996**, 14, 783-801	18
1513	Late-orogenic Svecofennian deformation in SW Finland constrained by pegmatite emplacement ages. **1996**, 8, 567-574	30
1512	Additional Rb-Sr and single-grain zircon datings of Caledonian granitoid rocks from Albert I Land, northwest Spitsbergen. **1996**, 15, 153-165	17
1511	Rb-Sr whole rock and U-Pb zircon datings of the granitic-gabbroic rocks from the Sk?lfjellet Subgroup, southwest Spitsbergen. **1996**, 15, 167-181	20
1510	Sources of lead in the Mjåsa-Vågåmo gold quartz veins, Southwest Scandinavian Domain. **1996**, 118, 47-48	2
1509	Zircon geochronology of anatectic melts and residues from a highgrade pelitic assemblage at Ihosy, southern Madagascar: evidence for Pan-African granulite metamorphism. **1996**, 133, 311-323	75
1508	Evidence of heterogeneous crustal sources: the Harney Peak Granite, South Dakota, U.S.A.. **1996**,	
1507	The age of the Hinneryd granite - its significance for interpreting the terranes of the southern Baltic Shield. **1996**, 118, 163-168	11
1506	Paleoproterozoic lithotectonic divisions of the southeastern Churchill Province, western Labrador. **1996**, 33, 216-230	16
1505	Age and geodynamic aspects of the oldest rocks in the Precambrian Belomorian Belt of the Baltic (Fennoscandian) Shield. **1996**, 112, 55-67	10
1504	Geological development of eastern Humber and western Dunnage zones: Corner Brookâ€Clover Island region, Newfoundland. **1996**, 33, 182-198	34
1503	Geochronological Systematics on Basement Rocks from the Rio Negro-Juruena Province (Amazonian Craton) and Tectonic Implications. **1996**, 38, 161-175	60
1502	Zircon in Polydeformed and Metamorphosed Precambrian Granitoids from the White Sea Tectonic Zone, Russia: Morphology, Cathodoluminescence, and U-Pb Chronology. **1996**, 38, 57-73	11
1501	Au-metallogeny in the Palaeoproterozoic Skellefte district, northern Sweden: A uniformitarian plate tectonic view. **1996**, 118, 48-49	

1500	The Mesoproterozoic cratonization of Baltica â€new age constraints from SW Sweden. **1996**, 112, 261-273	17
1499	The Stillwater Complex. **1996**, 15, 441-483	56
1498	Constraints on the timing of crustal imbrication in the central Trans-Hudson Orogen from single zircon 207Pb/206Pb ages of granitoid rocks from the Pelican thrust zone, Saskatchewan. **1996**, 33, 1638-1647	12
1497	High-precision UâPb monazite geochronology of the c. 806 Ma Grampian Shear Zone and the implications for the evolution of the Central Highlands of Scotland. **1996**, 153, 511-514	69
1496	U-Pb dating of Mesozoic igneous rocks from Hong Kong. **1997**, 154, 1067-1076	63
1495	Geology, U â€Pb, and Pb â€Pb geochronology of the Lake Harbour area, southern Baffin Island: implications for the Paleoproterozoic tectonic evolution of northeastern Laurentia. **1997**, 34, 140-155	37
1494	Geochronology and structural setting of the 1.38 Ga Torpa granite; implications for charnockite formation in SW Sweden. **1997**, 119, 37-43	23
1493	Timing of high-pressure metamorphism in the Yukon â€Tanana terrane, Canadian Cordillera: constraints from U â€Pb zircon dating of eclogite from the Teslin tectonic zone. **1997**, 34, 709-715	28
1492	Age constraints on the regional deformation within the eastern segment, S. Sweden: Late sveconorwegian granite dyke intrusion and metamorphic-deformational relations. **1997**, 119, 1-12	28
1491	UâPb geochronologic constraints on Paleoproterozoic orogenesis in the northwestern Makkovik Province, Labrador, Canada. **1997**, 34, 1072-1088	25
1490	U â€Pb age constraints for the lithotectonic evolution of the Grenville Province along the Mauricie transect, Quebec. **1997**, 34, 299-316	76
1489	Grenvillian provenance for the amphibolite-grade Trap Falls Formation: implications for early Paleozoic tectonic history of New England. **1997**, 34, 1286-1294	5
1488	Lead- and Sulfur-Isotope Investigations of the Boquira Sediment-Hosted Sulfide Deposit, Brazil. **1997**, 39, 97-106	4
1487	Petrological and Isotopic Studies on Palaeozoic High-pressure Granulites, Gory Sowie Mts, Polish Sudetes. **1997**, 38, 433-456	81
1486	Grenville Magmatism in West Texas: Petrology and Geochemistry of the Red Bluff Granitic Suite. **1997**, 38, 1279-1305	47
1485	Geochemistry and U-Pb and 40Ar-39Ar geochronology of the Man of War Gneiss, Lizard Complex, SW England: pre-Hercynian arc-type crust with a Sudeten-Iberian connection. **1997**, 154, 403-417	20
1484	Granitoids from the Spïarea, southeastern Sweden - geochemical and geochronological data. **1997**, 119, 109-114	27
1483	An Eifelian U-Pb zircon date for the Enagh Tuff Bed from the Old Red Sandstone of the Munster Basin in NW Iveragh, SW Ireland. **1997**, 154, 189-193	19

1464	The Andrelândia depositional cycle (Minas Gerais/Brazil), a post-transamazonic sequence south of the São Francisco Craton: Evidence from U-Pb dating on zircons of a metasediment. **1997**, 10, 21-28	12
1463	U-Pb zircon and baddeleyite age and tectonic interpretation of the Itabuna alkaline suite, São Francisco Craton, Brazil. **1997**, 10, 91-98	11
1462	U-Pb and Sm-Nd geochronology of the neoproterozoic granitic-gneissic Dom Feliciano belt, Southern Brazil. **1997**, 10, 263-274	128
1461	Géochronologie U-Pb sur zircons et géochimie (Pb, Sr et Nd) du socle de la chaîne de Songpan-Garze (Chine). **1997**, 324, 819-826	3
1460	Granitoïdes d'âge Paléozoïque inférieur dans le socle de Vanoise méridionale: géochronologie U-Pb du métagranite de l'Arpont (Alpes de Savoie, France). **1997**, 325, 839-844	
1459	The tectono-metamorphic evolution of gneiss complexes in the Middle Urals, Russia: a reappraisal. **1997**, 276, 229-251	54
1458	Granitoid pluton formation by spreading of continental crust: the Wiley Glacier complex, northwest Palmer Land, Antarctica. **1997**, 283, 35-60	17
1457	Radiation-induced diamond crystallization: Origin of carbonados and its implications on meteorite nano-diamonds. **1997**, 61, 369-376	32
1456	An evaluation of the single-grain zircon evaporation method in highly discordant samples. **1997**, 61, 2467-2474	47
1455	Strontium, neodymium, and lead isotope variations of authigenic and silicate sediment components from the Late Cenozoic Arctic Ocean: Implications for sediment provenance and the source of trace metals in seawater. **1997**, 61, 4181-4200	90
1454	Hydrothermal scavenging on the Juan de Fuca Ridge: 230Thxs, 10Be, and REEs in ridge-flank sediments. **1997**, 61, 4067-4078	40
1453	Ion microprobe U-Pb zircon geochronology and correlation of Archaean gneisses from the Lewisian Complex of Gruinard Bay, northwestern Scotland. **1997**, 61, 4429-4438	252
1452	Isotopic and geochemical evidence for crust-mantle interaction during late Archaean crustal growth. **1997**, 61, 4809-4829	54
1451	Single-zircon Pb evaporation geochronology constrains basement-cover relationships in the lower Hecla Hoek Complex of northern Ny Friesland, Svalbard. **1997**, 137, 117-134	29
1450	Partial resetting of the U?Pb isotope system in monazite through hydrothermal experiments: An SEM and U?Pb isotope study. **1997**, 137, 273-281	111
1449	Mississippi valley-type mineralization in the Silurian paleoaquifer, central appalachians. **1997**, 138, 127-134	5
1448	Depleted-mantle source for the Ulungur River A-type granites from North Xinjiang, China: geochemistry and Nd–Sr isotopic evidence, and implications for Phanerozoic crustal growth. **1997**, 138, 135-159	398
1447	Pb/Pb age determinations on the Newania and Sevattur carbonatites of India: evidence for multi-stage histories. **1997**, 140, 261-273	47

1446	Two terrestrial lead isotope paradoxes, forward transport modelling, core formation and the history of the continental crust. **1997**, 139, 75-110		294
1445	The mafic-ultramafic complex near Finero (Ivrea-Verbano Zone), II. Geochronology and isotope geochemistry. **1997**, 140, 223-235		48
1444	Lu?Hf geochronology applied to dating Cenozoic events affecting lower crustal xenoliths from Kilbourne Hole, New Mexico. **1997**, 142, 63-78		55
1443	Trace-element characteristics and Pb isotopic evolution of metasediments and associated Proterozoic rocks from the amphibolite- to granulite-facies Bamble sector, southern Norway. **1997**, 143, 145-169		22
1442	A U?Pb age from the Toarcian (Lower Jurassic) and its use for time scale calibration through error analysis of biochronologic dating. *Earth and Planetary Science Letters*, **1997**, 146, 659-675	5.3	34
1441	Late Jurassic age for the Morokweng impact structure, southern Africa. *Earth and Planetary Science Letters*, **1997**, 147, 25-35	5.3	50
1440	Recycled ocean crust and sediment in Indian Ocean MORB. *Earth and Planetary Science Letters*, **1997**, 147, 93-106	5.3	325
1439	Effects of interaction between ultramafic tectonite and mafic magma on Nd-Pb-Sr isotopic systems in the Neoproterozoic Chaya Massif, Baikal-Muya ophiolite belt. *Earth and Planetary Science Letters*, **1997**, 148, 299-316	5.3	31
1438	Geochronology and Nd isotopic data of Grenville-age rocks in the Colombian Andes: new constraints for Late Proterozoic-Early Paleozoic paleocontinental reconstructions of the Americas. *Earth and Planetary Science Letters*, **1997**, 150, 427-441	5.3	128
1437	Ages of ultrahigh pressure metamorphism and protolith orthogneisses from the eastern Dabie Shan: U/Pb zircon geochronology. *Earth and Planetary Science Letters*, **1997**, 151, 191-203	5.3	354
1436	Stratigraphic and structural implications of conodont and detrital zircon UâPb ages from metamorphic rocks of the Coldfoot terrane, Brooks Range, Alaska. **1997**, 102, 20797-20820		10
1435	Paleomagnetic data and U-Pb isotopic age determinations from Coats Land, Antarctica: Implications for late Proterozoic plate reconstructions. **1997**, 102, 7887-7902		62
1434	Evidence from Ocean Drilling Program Leg 149 mafic igneous rocks for oceanic crust in the Iberia Abyssal Plain ocean-continent transition zone. **1997**, 102, 7915-7928		25
1433	U?Pb zircon age of the Strange Lake peralkaline complex: implications for Mesoproterozoic peralkaline magmatism in north-central Labrador. **1997**, 81, 67-82		35
1432	Regional variations in the Pb isotopic compositions of ore galena across the Archaean-Proterozoic border in northern Sweden. **1997**, 81, 83-99		5
1431	U?Pb geochronological constraints on the geological evolution of the Pinware terrane and adjacent areas, Grenville Province, southeast Labrador, Canada. **1997**, 81, 101-128		55
1430	Neoarchean evolution of differing convergent margin assemblages in the Wabigoon Subprovince: geochemical and geochronological evidence from the Lake of the Woods greenstone belt, Superior Province, Northwestern Ontario. **1997**, 81, 155-178		57
1429	Palaeoproterozoic rifting and formation of sulphide deposits along the southwestern margin of the Svecofennian Domain, southern Sweden. **1997**, 82, 1-12		14

1428	Sm?Nd, Pb?Pb and Rb?Sr geochronology and petrogenesis of the mafic dyke swarm of Mahbubnagar, South India: implications for Paleoproterozoic crustal evolution of the Eastern Dharwar Craton. **1997**, 84, 181-196	66
1427	Petrogenesis of Mid-Proterozoic granitic magmas: examples from central and west Texas. **1997**, 85, 53-79	37
1426	Geochronological evidence for reworking of Archean terrains during the Early Proterozoic (2.1 Ga) in the western Co□e d'Ivoire (Man Rise-West African Craton). **1997**, 86, 177-199	97
1425	Early Permian zircon uranium-lead ages for plagiogranites in the Yakuno ophiolite, Asago district, Southwest Japan. **1997**, 6, 396-403	48
1424	Isotopic constraints on the age and formation of a Palaeoproterozoic volcanic arc complex in the Kedougou Inlier, eastern Senegal, West Africa. **1997**, 24, 197-213	72
1423	Kibaran magmatism and Pan-African granulite metamorphism in northern Mozambique: single zircon ages and regional implications. **1997**, 25, 467-484	77
1422	Late Paleozoic crustal history of central coastal Queensland interpreted from geochemistry of Mesozoic plutons: The effects of continental rifting. **1997**, 42, 67-88	16
1421	Late Cadomian crustal tilting and Cambrian transtension in the Tepl□Barrandian unit (Bohemian Massif, Central European Variscides). **1997**, 86, 571-584	75
1420	Accretion and exhumation at a Variscan active margin, recorded in the Saxothuringian flysch. **1997**, 86, 599-611	31
1419	U-Pb systematics of monazite and xenotime: case studies from the Paleoproterozoic of the Grand Canyon, Arizona. **1997**, 127, 87-103	114
1418	Proterozoic zircon growth in Archean lower crustal xenoliths, southern Superior craton â□a consequence of Matachewan ocean opening. **1997**, 128, 164-175	45
1417	A mantle-derived bimodal suite in the Hercynian Belt: Nd isotope and trace element evidence for a subduction-related rift origin of the Late Devonian Brˆvenne metavolcanics, Massif Central (France). **1997**, 129, 222-238	156
1416	Origin of biotite-apatite-rich enclaves, Achala batholith, Argentina. **1997**, 130, 31-46	47
1415	Whole-rock and sulfide lead-isotope data from the hydrothermal JADE field in the Okinawa back-arc trough. **1997**, 32, 70-78	25
1414	High CO2 content of fluid inclusions in gold mineralisations in the Ashanti Belt, Ghana: a new category of ore forming fluids?. **1997**, 32, 107-118	63
1413	Ore lead and sulphur isotope pattern from the low-temperature veins of the Catalonian Coastal Ranges (NE Spain). **1997**, 32, 243-249	50
1412	Isotope composition of Medieval lead glasses reflecting early silver production in Central Europe. **1997**, 32, 292-295	14
1411	Tectonic settings of porphyry-type mineralization and hydrothermal alteration in Paleozoic island arcs and active continental margins, Kyrghyz Range, (Tien Shan) Kyrghyzstan. **1997**, 32, 434-440	18

1410	Jurassic extensional tectono-magmatism and associated mineralization of the El Faldeo polymetallic district, Chilean Patagonia: geochemical and isotopic evidence of crustal contribution. **1997**, 32, 547-554	13
1409	Structure, mineralogy, and Pb isotopic composition of the As-Au-Ag deposit Rotgülden, Eastern Alps (Austria): significance for formation of epigenetic ore deposits within metamorphic domes. **1997**, 32, 555-568	32
1408	Lead isotope systematics of the giant massive sulphide deposits in the Iberian Pyrite Belt. **1997**, 33, 45-58	83
1407	U–Pb zircon ages and structural development of metagranitoids of the Teplá Crystalline complex: evidence for pervasive Cambrian plutonism within the Bohemian massif (Czech Republic). **1998**, 87, 135-149	52
1406	Geology and Origin of the Dongping Alkalic-Type Gold Deposit, Northern Hebei Province, People's Republic of China. **1998**, 48, 139-158	34
1405	Pb-Pb single-zircon ages of granitoid boulders from the Vendian tillite of Wahlenbergfjorden, Nordaustlandet, Svalbard. **1998**, 17, 71-80	5
1404	Grenvillian single-grain zircon Pb age of a granitic rock from the southern island of Hesteskoholmen, Liefdefjorden, northwestern Spitsbergen, Svalbard. **1998**, 17, 147-154	13
1403	Single zircon evaporation ages from the Oban Massif, southeastern Nigeria. **1998**, 26, 195-205	20
1402	The Archaean Mount Gibson gold deposits, Yilgarn Craton, Western Australia: Products of combined synvolcanic and syntectonic alteration and mineralisation. **1998**, 13, 103-129	22
1401	Structural history of the crustal-scale Coast shear zone north of Portland Canal, southeast Alaska and British Columbia. **1998**, 20, 883-904	64
1400	Petrology and geochemistry of syn- to post-collisional metaluminous A-type granites– major and trace element and Nd–Sr–Pb–O-isotope study from the Proterozoic Damara Belt, Namibia. **1998**, 45, 147-175	106
1399	U–Pb dating of the end of the Pan-African orogeny in the Tuareg shield: the post-collisional syn-shear Tioueine pluton (Western Hoggar, Algeria). **1998**, 45, 245-253	46
1398	Pan-African, post-collisional, ferro-potassic granite and quartz–monzonite plutons of Eastern Nigeria. **1998**, 45, 255-279	91
1397	U–Pb zircon and monazite geochronology of post-collisional Hercynian granitoids from the Central Iberian Zone (Northern Portugal). **1998**, 45, 349-369	113
1396	PBI–an EXCEL workbook for interactive graphical modelling of lead isotope data on minerals and rocks. **1998**, 24, 197-199	2
1395	U-Pb Zircon Dating of Granulite Metamorphism in the Sludyanskiy Complex, Eastern Siberia. **1998**, 1, 195-205	77
1394	U-Pb Zircon Age of the Puttetti Alkali Syenite, Southern India. **1998**, 1, 408-410	19
1393	Combined U-Pb dating and Sm-Nd studies on lower crustal and mantle xenoliths from the Delegate basaltic pipes, southeastern Australia. **1998**, 130, 154-161	15

1392	Transport of Pb and Sr in leaky aquifers of the Bufa del Diente contact metamorphic aureole, north-east Mexico. **1998**, 131, 155-170	6
1391	U-Pb ages and tectonomagmatic relationships of early Ordovician low-Ti tholeiites, boninites and related plutonic rocks in central Newfoundland, Canada. **1998**, 133, 235-258	21
1390	Petrogenesis of isotopically unusual Pliocene olivine leucitites from Deep Springs Valley, California. **1998**, 133, 402-417	9
1389	From sandstone- to carbonate-hosted stratabound deposits: an isotope study of galena in the Upper-Moulouya District (Morocco). **1998**, 33, 406-415	28
1388	Pb isotope fingerprinting of mesothermal gold deposits from central Victoria, Australia: implications for ore genesis. **1998**, 33, 633-638	34
1387	Geochemistry and provenance of the Middle Ordovician Austin Glen Member (Normanskill Formation) and the Taconian Orogeny in New England. **1998**, 45, 635-655	173
1386	Geochronology of the Proterozoic Hartley Basalt formation, South Africa: constraints on the Kheis tectogenesis and the Kaapvaal Craton's earliest Wilson Cycle. **1998**, 26, 5-27	76
1385	Timing of gold mineralization in the Mt York district, Pilgangoora greenstone belt, and implications for the tectonic and metamorphic evolution of an area linking the western and eastern Pilbara Craton. **1998**, 88, 249-265	18
1384	Evidence for extensive Proterozoic remobilization of the Aldan shield and implications for Proterozoic plate tectonic reconstructions of Siberia and Laurentia. **1998**, 89, 1-23	89
1383	Neoproterozoic bimodal volcanism in the central Ogcheon belt, Korea: age and tectonic implication. **1998**, 89, 47-57	117
1382	Timing and thermal influence of late orogenic extension in the lower crust: a U?Pb geochronological study from the southwest Grenville orogen, Canada. **1998**, 89, 25-45	46
1381	Isotopic peculiarities of an Archaean pegmatite (Union Mine, Mica, South Africa):. **1998**, 91, 253-267	9
1380	Pitfalls and new approaches in granulite chronometry. **1998**, 91, 269-285	36
1379	Early Archean crust in the northern Wyoming province. **1998**, 91, 295-307	49
1378	Pb isotope mapping of differentially uplifted Archean basement: a case study from the Grenville Province, Ontario. **1998**, 91, 445-454	19
1377	Geochronological constraints on the last stages of terrane assembly in the central part of the Grenville Province. **1998**, 92, 145-164	29
1376	Chronostratigraphic constraints on the genesis of Archean greenstone belts, northwestern Superior Province, Ontario, Canada. **1998**, 92, 277-295	20
1375	UâPb and SmâNd dating of high-pressure granulite- and upper amphibolite facies rocks from SW Sweden. **1998**, 92, 319-339	38

1374	Archaean to Neoproterozoic magmatic events in the Kaoko belt of NW Namibia and their geodynamic significance. **1998**, 92, 341-363		135
1373	Gõchronologie U-Pb sur zircon et monazite du massif composite de granite ˆ deux micas hercynien de Cabeceiras de Basto (Nord-Portugal). **1998**, 326, 779-785		0
1372	Gõchronologie U-Pb sur zircon de granitoõdes burnèns et panafricains dans les boutonniŁes protŕozoõques d'Igherm, du Kerdous et du Bas DrŤ (Anti-Atlas occidental, Maroc). **1998**, 327, 819-826		7
1371	Comparison of single filament Pb evaporation/ionization zircon ages with conventional U-Pb results: examples from the Precambrian of Brazil. **1998**, 11, 351-363		40
1370	Recycling of the Archaean continental crust: the case study of the GaviŸ, State of Bahia, NE Brazil. **1998**, 11, 487-498		33
1369	Single zircon ages from high-grade rocks of the Jianping Complex, Liaoning Province, NE China. **1998**, 16, 519-532		194
1368	Exhumation and doming of the Thasos metamorphic core complex (S Rhodope, Greece): structural and geochronological constraints. **1998**, 285, 301-332		79
1367	Man, nutrition and mobility: a comparison of teeth and bone from the Medieval era and the present from Pb and Sr isotopes. **1998**, 224, 109-19		67
1366	Lead Isotope Geochemistry of Paleoproterozoic Layered Intrusions in the Eastern Baltic Shield: Inferences About Magma Sources and U-Th-Pb Fractionation in the Crust-Mantle System. **1998**, 62, 493-505		11
1365	The significance of titanite and apatite U-Pb ages: constraints for the post-magmatic thermal-hydrothermal evolution of a batholithic complex, Berens River area, northwestern Superior Province, Canada. **1998**, 62, 2979-2995		85
1364	Assessment of the precision and accuracy of lead-isotope ratios measured by TIMS for geochemical applications: example of massive sulphide deposits (Rio Tinto, Spain). **1998**, 144, 137-149		65
1363	Geochronology of the Jack Hills detrital zircons by precise UâPb isotope dilution analysis of crystal fragments. **1998**, 146, 25-38		60
1362	The evolution of terrestrial volatiles: a view from helium, neon, argon and nitrogen isotope modelling. **1998**, 147, 27-52		134
1361	Importance of late-magmatic and hydrothermal fluids on the SmâNd isotope mineral systematics of hypersolvus granites. **1998**, 146, 187-203		40
1360	Extreme Nd-isotope heterogeneity in the early Archaeanâfact or fiction? Case histories from northern Canada and West GreenlandâReply. **1998**, 148, 219-224		40
1359	Initial Pb of the Am˜ – tsoq gneiss revisited: implication for the timing of early Archaean crustal evolution in West Greenland. **1998**, 150, 19-41		99
1358	Tertiary mineralization and magmatism, East Greenland: lead isotope evidence for remobilization of continental crust. **1998**, 150, 119-144		9
1357	Oceanic plateau model for continental crustal growth in the Archaean: A case study from the Kostomuksha greenstone belt, NW Baltic Shield. *Earth and Planetary Science Letters*, **1998**, 155, 57-74	5.3	171

1356	A new insight into Pan-African tectonics in the EastâWest Gondwana collision zone by UâPb zircon dating of granites from central Madagascar. *Earth and Planetary Science Letters*, **1998**, 155, 45-56	5.3	92
1355	New UâPb zircon ages and the duration and division of Devonian time. *Earth and Planetary Science Letters*, **1998**, 158, 175-186	5.3	221
1354	A deep mantle source for carbonatite magmatism: evidence from the nephelinites and carbonatites of the Buhera district, SE Zimbabwe. *Earth and Planetary Science Letters*, **1998**, 158, 131-142	5.3	43
1353	Late Cretaceous magmatism in Madagascar: palaeomagnetic evidence for a stationary Marion hotspot. *Earth and Planetary Science Letters*, **1998**, 164, 221-232	5.3	121
1352	UâPb geochronology of Riphean sandstone and gabbro from southeast Siberia and its bearing on the LaurentiaâSiberia connection. *Earth and Planetary Science Letters*, **1998**, 164, 409-420	5.3	188
1351	Provenance of Heinrich layers in core V28-82, northeastern Atlantic: 40Ar/39Ar ages of ice-rafted hornblende, Pb isotopes in feldspar grains, and NdâSrâPb isotopes in the fine sediment fraction. *Earth and Planetary Science Letters*, **1998**, 164, 317-333	5.3	109
1350	Structural and U-Pb geochronological evidence for 1.47 Ga rifting in the Belt basin, western Montana. **1998**, 35, 467-475		79
1349	Duration of the Early Cambrian: U-Pb ages of volcanic ashes from Avalon and Gondwana. **1998**, 35, 329-338		172
1348	An evaluation of the age of high-grade metamorphism in the Caledonides of Biskayerhalv?ya, NW Svalbard. **1998**, 120, 199-208		29
1347	U-Pb ages and tectono-magmatic evolution of Middle Ordovician volcanic rocks of the Wild Bight Group, Newfoundland Appalachians. **1998**, 35, 998-1017		22
1346	Detrital zircon constraints on the tectonic evolution of the Gravina belt, southeastern Alaska. **1998**, 35, 253-268		42
1345	Enriched Subcontinental Upper Mantle beneath Southern India: Evidence from Pb, Nd, Sr, and C-O Isotopic Studies on Tamil Nadu Carbonatites. **1998**, 39, 1765-1785		48
1344	Stratigraphies and depositional ages of Svecofennian, Palaeoproterozoic metavolcanic rocks in E. Svealand and Bergslagen, south central Sweden. **1998**, 120, 315-320		32
1343	Crustal Age Domains and the Evolution of the Continental Crust in the Mozambique Belt of Tanzania: Combined Sm-Nd, Rb-Sr, and Pb-Pb Isotopic Evidence. **1998**, 39, 749-783		107
1342	Supra-Subduction Zone Ophiolite Formed in an Extensional Forearc: Trinity Terrane, Klamath Mountains, California. **1998**, 106, 591-608		76
1341	Lead isotope ratios determined by ICP-MS: Investigation of anthropogenic lead in seawater and sediment from the Gulf of Carpentaria, Australia. **1998**, 36, 527-534		41
1340	Lead isotopic evidence for synextensional lithospheric ductile flow in the Colorado River extensional corridor, western United States. **1998**, 103, 2515-2528		0
1339	High-pressure, high-temperature rocks from the base of thick continental crust: Geology and age constraints from the Manicouagan Imbricate Zone, eastern Grenville Province. **1998**, 17, 426-440		46

1338	Petrogenesis of the Mantle Sequence of the Jormua Ophiolite (Finland): Melt Migration in the Upper Mantle during Palaeoproterozoic Continental Break-up. **1998**, 39, 297-329	45
1337	The structural setting and U–Pb geochronology of Knoydartian pegmatites in W Inverness-shire: evidence for Neoproterozoic tectonothermal events in the Moineof NW Scotland. **1998**, 155, 685-696	62
1336	The Incompatible Element Characteristics of an Ancient Subducted Sedimentary Component in Ocean Island Basalts from French Polynesia. **1998**, 39, 937-952	46
1335	The Pampean Orogeny of the southern proto-Andes: Cambrian continental collision in the Sierras de Cêdoba. **1998**, 142, 181-217	119
1334	The Famatinian magmatic arc in the central Sierras Pampeanas: an Early to Mid-Ordovician continental arc on the Gondwana margin. **1998**, 142, 343-367	99
1333	U-Pb ages of plutonic and volcanic rocks in the Svecofennian Bothnian Basin, central Sweden, and their implications for the Palaeoproterozoic evolution of the Basin. **1998**, 120, 357-363	37
1332	Constraints on syn-intrusive ca. 1.8 Ga conglomerate deposits associated with the Sm□and-V□mland Belt, SE Sweden; Pb–Pb zircon evaporation dating of the Malmb□k conglomerate. **1998**, 120, 69-74	9
1331	Isotopic Constraints on the Petrogenesis of Jurassic Plutons, Southeastern California. **1998**, 40, 257-278	4
1330	Radiogenic Isotope Constraints on Relationships between Carbonatites and Associated Silicate Rocks--a Brief Review. **1998**, 39, 1987-1996	71
1329	U–Pb geochronology and Sm–Nd isotopic composition of Proterozoic gneisses,Channel Islands, UK. **1998**, 155, 609-618	81
1328	Rb–Sr and U–Pb geochronology of migmatitic gneisses from the Gêy Sowie (West Sudetes, Poland): the importance of Mid–Late Devonian metamorphism. **1998**, 155, 1025-1036	32
1327	Siegenian generation of the Lizard ophiolite: U-Pb zircon age data for plagiogranite, Porthkerris, Cornwall. **1998**, 155, 595-598	53
1326	Late Cretaceous U/Pb zircon ages and Precambrian crustal inheritance in Ryoke granitoids, Kinki and Yanai districts, Japan.. **1998**, 32, 21-31	37
1325	Granitoïdes de la zone houillère briançonnaise en Savoie et en Val d'Aoste (Alpes occidentales): géologie et géochronologie U-Pb sur zircon. **1998**, 11, 33-49	12
1324	Provenance and tectonic implications of Palaeoproterozoic (c. 1740 Ma) quartz porphyry clasts in the basal Old Red Sandstone (Lilljeborgfjellet Conglomerate Formation) of northwestern Svalbard's Caledonides. **1998**, 135, 755-768	18
1323	Early Differentiation of the Earth: An Isotopic Perspective. 127-158	
1322	U-Pb zircon geochronology of migmatization in the northern Central Highlands: evidence for pre-Caledonian (Neoproterozoic) tectonometamorphism in the Grampian block, Scotland. **1999**, 156, 1195-1204	57
1321	Neoproterozoic extensional basic magmatism associated with the West Highland granite gneiss in the Moine Supergroup of NW Scotland. **1999**, 156, 1153-1162	50

1320	Geochronological constraints on the magmatic, metamorphic and thermal evolution of the Connemara Caledonides, western Ireland. **1999**, 156, 1217-1230	80
1319	Metamorphism, Melting, and Extension: Age Constraints from the High Himalayan Slab of Southeast Zanskar and Northwest Lahaul. **1999**, 107, 473-495	147
1318	The late Palaeoproterozoic Eskolabreen granitoids of southern Ny Friesland, Svalbard Caledonides - geochemistry, age, and origin. **1999**, 121, 113-126	14
1317	Crustal Recycling of Metamorphic Basement: Late Palaeozoic Granitoids of Northern Chile (´ 22´ S). Implications for the Composition of the Andean Crust. **1999**, 40, 1527-1551	58
1316	Zircon Ages of Basement Orthogneisses from the Northern Segment of the Araguaia Belt, Brazil. **1999**, 155-178	9
1315	U-Pb Geochronology and Isotope Geochemistry of the Archean and Proterozoic Rocks of North-Central Madagascar. **1999**, 107, 135-153	173
1314	Petrology and Geochemistry of the Tromoy Gneiss Complex, South Norway, an Alleged Example of Proterozoic Depleted Lower Continental Crust. **1999**, 40, 909-933	42
1313	The Petrogenetic Association of Carbonatite and Alkaline Magmatism: Constraints from the Spitskop Complex, South Africa. **1999**, 40, 525-548	84
1312	U-Pb ages of syndeformational dykes associated with the Mesoproterozoic Nain Plutonic Suite, Labrador. **1999**, 36, 339-348	7
1311	UâPb ages and geochemistry of granite pebbles from the Devonian Menaver Conglomerate, Lizard peninsula: provenance of Rhenohercynian flysch of SW England. **1999**, 124, 131-147	20
1310	Episodic granitoid emplacement in the western Kaapvaal Craton: evidence from the Archæan Kraaipan granite-greenstone terrane, South Africa. **1999**, 28, 289-309	34
1309	Age and isotopic evidence for the origin of the Archæan granitoid intrusives of the Johannesburg Dome, South Africa. **1999**, 28, 693-702	20
1308	Rn-generated206Pb in hydrothermal sulphide minerals and bitumen from the Ventersdorp Contact Reef, South Africa. **1999**, 66, 171-191	7
1307	Geochemistry and geochronology of the Rathjen Gneiss: Implications for the early tectonic evolution of the Delamerian Orogen. **1999**, 46, 377-389	80
1306	Geology and thermochronometry of the east edge of the Median Batholith (Median Tectonic Zone): a new perspective on Permian to Cretaceous crustal growth of New Zealand. **1999**, 8, 404-425	89
1305	Pongkor (west Java, Indonesia): a Pliocene supergene-enriched epithermal Au-Ag-(Mn) deposit. **1999**, 34, 131-149	43
1304	Lead isotopes of the carbonate-hosted Kabwe, Tsumeb, and Kipushi Pb-Zn-Cu sulphide deposits in relation to Pan African orogenesis in the Damaran-Lufilian Fold Belt of Central Africa. **1999**, 34, 273-283	61
1303	Age and tectonic setting of Boc¯ ¤ and Ocna de Fier âDognecea granodiorites (southwest Romania) and of associated skarn mineralisation. **1999**, 34, 743-753	21

1302	Age and origin of magmatism along the Cenozoic Red River shear belt, China. **1999**, 134, 67-85	192
1301	Hercynian, Pan-African, Proterozoic and Archean ion-microprobe zircon ages for a Betic-Rif core complex, Alpine belt, W Mediterranean â□consequences for its P-T-t path. **1999**, 134, 134-149	123
1300	U-Pb monazite, xenotime and titanite geochronological constraints on the prograde to post-peak metamorphic thermal history of Paleoproterozoic migmatites from the Grand Canyon, Arizona. **1999**, 134, 150-169	63
1299	Growth, annealing and recrystallization of zircon and preservation of monazite in high-grade metamorphism: conventional and in-situ U-Pb isotope, cathodoluminescence and microchemical evidence. **1999**, 134, 186-201	504
1298	Metamorphism, isotopic ages and composition of lower crustal granulite xenoliths from the Cretaceous Salta Rift, Argentina. **1999**, 134, 325-341	53
1297	Lead isotopes in sulfides from the Stillwater Complex, Montana: evidence for subsolidus remobilization. **1999**, 137, 206-219	33
1296	Migmatization by metamorphic segregation at subsolidus conditions: implications for NdâPb isotope exchange. **1999**, 46, 275-298	23
1295	The Phillips pluton, Maine, USA: evidence of heterogeneous crustal sources and implications for granite ascent and emplacement mechanisms in convergent orogens. **1999**, 46, 335-366	67
1294	The Lower Changjiang (Yangzi/Yangtze River) metallogenic belt, east central China: intrusion- and wall rock-hosted CuâFeâAu, Mo, Zn, Pb, Ag deposits. **1999**, 15, 177-242	351
1293	Basement Tectonics 13. **1999**,	
1292	Precise U-Pb dating of Meguma basement xenoliths: new evidence for Avalonian underthrusting. **1999**, 36, 15-22	24
1291	Coeval sedimentation, magmatism, and fold-thrust belt development in the Trans-Hudson Orogen: geochronological evidence from the Wekusko Lake area, Manitoba, Canada. **1999**, 36, 293-312	16
1290	Geology and U-Pb geochronology of rocks of the Eokuk Uplift: a pre-2.8 Ga basement inlier in the northwestern Slave Province, Nunavut, Canada. **1999**, 36, 1061-1082	3
1289	Precise zircon geochronology in the Adirondack Lowlands and implications for revising plate-tectonic models of the Central Metasedimentary Belt and Adirondack Mountains, Grenville Province, Ontario and New York. **1999**, 36, 967-984	65
1288	Rare-Earth-Element and Isotopic Evidence for the Genesis of the Bajiazi Stratabound Sulfide Ore Bodies of Northeast China. **1999**, 41, 334-354	
1287	Age and tectonic implications of Paleoproterozoic granitoid intrusions within the Nain Province near Nain, Labrador. **1999**, 36, 833-853	11
1286	Major and trace element compositions and Sr-Nd-Pb systematics of crystalline rocks from the Dawson Range, Yukon, Canada. **1999**, 36, 1463-1481	15
1285	Geochronology of porphyries and related rocks in northern and western Dalarna, south-central Sweden. **1999**, 121, 307-322	22

1284	Chronology of crustal growth and recycling in the Paleoproterozoic Amisk collage (Flin Flon Belt), Trans-Hudson Orogen, Canada. **1999**, 36, 1807-1827	20
1283	Field relations, U-Pb geochronology, and Sm-Nd isotope geochemistry of the Point Lake greenstone belt and adjacent gneisses, central Slave craton, N.W.T., Canada. **1999**, 36, 1043-1059	20
1282	Timing and kinematics of post-Timiskaming deformation within the Larder Lake - Cadillac deformation zone, southwest Abitibi greenstone belt, Ontario, Canada. **1999**, 36, 627-647	37
1281	Correlation among lower to upper crustal components in an island arc: the Jurassic Bonanza arc, Vancouver Island, Canada. **1999**, 36, 1371-1413	39
1280	Lead isotope evidence for recent uranium mobility in geological formations of Brazil: implications for radioactive waste disposal. **1999**, 14, 197-221	6
1279	Late Paleozoic to Early Jurassic tectonic development of the high Andean Principal Cordillera, El Indio Region, Chile (29â30´ °S). **1999**, 12, 33-49	46
1278	Gold in the Neoproterozoic juvenile Bossoroca Volcanic Arc of southernmost Brazil: isotopic constraints on timing and sources. **1999**, 12, 349-366	58
1277	PâTâ evolution of the Wilson Terrane metamorphic basement at Oates Coast, Antarctica. **1999**, 93, 235-258	12
1276	Late thermal evolution of Proterozoic rocks in the northeastern Llano Uplift, central Texas. **1999**, 94, 49-72	19
1275	Protolith ages and timing of deformation in the eastern, marginal part of the Sveconorwegian orogen, southwestern Sweden. **1999**, 94, 29-48	78
1274	UâPb geochronology, geochemistry, and provenance of the Grenvillian Huiznopala Gneiss of Eastern Mexico. **1999**, 94, 73-99	82
1273	Crustal evolution and age of thermotectonic reworking in the western hinterland of the Trans-Hudson Orogen, northern Saskatchewan. **1999**, 95, 187-223	48
1272	The Terre Adlie basement in the East-Antarctica Shield: geological and isotopic evidence for a major 1.7Ga thermal event; comparison with the Gawler Craton in South Australia. **1999**, 94, 205-224	85
1271	UâPb ages on titanite and apatite from the Darling Range granite: implications for Late Archaean history of the southwestern Yilgarn Craton. **1999**, 96, 125-139	13
1270	UâPb zircon ages of granites from the southern margin of the Yangtze Block: timing of Neoproterozoic Jinning: Orogeny in SE China and implications for Rodinia Assembly. **1999**, 97, 43-57	310
1269	Geochemical and UâPb zircon geochronological constraints on the development of a Late Archean greenstone belt at Birch Lake, Superior Province, Canada. **1999**, 97, 77-97	23
1268	UâPb and 40Ar/39Ar geochronological constraints on the tectonic evolution of the easternmost part of the Zambezi orogenic belt, northeast Zimbabwe. **1999**, 98, 67-82	47
1267	Timing and characterization of recurrent pre-Sveconorwegian metamorphism and deformation in the VarbergâHalmstad region of SW Sweden. **1999**, 98, 173-195	84

1266	Sveconorwegian (-Grenvillian) deformation, metamorphism and leucosome formation in SW Sweden, SW Baltic Shield: constraints from a Mesoproterozoic granite intrusion. **1999**, 98, 151-171		67
1265	The composition and thickness of the crust of Mars estimated from rare earth elements and neodymium-isotopic compositions of Martian meteorites. **1999**, 34, 439-449		100
1264	Geochemistry of a hydrothermal sediment core from the OBS vent-field, 21´ °N East Pacific Rise. **1999**, 155, 65-75		85
1263	New analytical procedures to increase the resolution of zircon geochronology by the evaporation technique. **1999**, 153, 227-240		17
1262	Ion microprobe UâPb dating of apatite. **1999**, 153, 249-258		89
1261	Age significance of UâThâPb zircon data from early Archaean rocks of west Greenlandâ reassessment based on combined ion-microprobe and imaging studies. **1999**, 160, 201-224		457
1260	PbâPb dating and Pb isotope geochemistry of Neoproterozoic carbonate rocks from the SW Francisco basin, Brazil: implications for the mobility of Pb isotopes during tectonism and metamorphism. **1999**, 160, 175-199		65
1259	Constraints from high-pressure veins in eclogites on the composition of hydrous fluids in subduction zones. **1999**, 160, 291-308		89
1258	Early Ordovician orogenic event in Galicia (NW Spain): evidence from UâPb ages in the uppermost unit of the Ordenes Complex. *Earth and Planetary Science Letters*, **1999**, 165, 213-228	5.3	100
1257	Osmium and lead isotopes of rare OsIrRu minerals: derivation from the coreâmantle boundary region?. *Earth and Planetary Science Letters*, **1999**, 170, 83-92	5.3	30
1256	Early Miocene high-temperature metamorphism and rapid exhumation in the Betic Cordillera (Spain): evidence from UâPb zircon ages. *Earth and Planetary Science Letters*, **1999**, 171, 591-605	5.3	106
1255	Direct ion microprobe UâPb dating of fossil tooth of a Permian shark. *Earth and Planetary Science Letters*, **1999**, 174, 75-80	5.3	21
1254	Batholith emplacement at mid-crustal levels and its exhumation within an obliquely convergent margin. **1999**, 312, 57-78		37
1253	Controversial Pb-Pb and Sm-Nd isotope results in the early Archean Isua (West Greenland) oxide iron formation: preservation of primary signatures versus secondary disturbances. **1999**, 63, 473-488		76
1252	Assessment of the PbâPb and UâPb chronometry of the early solar system. **1999**, 63, 1877-1889		34
1251	Slow cooling of deep crustal granulites and Pb-loss in zircon. **1999**, 63, 2839-2851		126
1250	U-Pb Ages for Zircon and Titanite from the Ramagiri Area, Southern India: Evidence for Accretionary Origin of the Eastern Dharwar Craton during the Late Archean. **1999**, 107, 69-86		126
1249	The Central Slave Basement Complex, Part I: its structural topology and autochthonous cover. **1999**, 36, 1083-1109		136

1248	Archean crustal evolution of the northwestern Superior craton margin: U-Pb zircon results from the Split Lake Block. **1999**, 36, 1973-1987	14
1247	The Auriga Nunataks shear zone: Mesozoic transfer faulting and arc deformation in northwest Palmer Land, Antarctica. **1999**, 18, 911-928	14
1246	Evolution of the late Paleozoic accretionary complex and overlying forearc-magmatic arc, south central Chile (38´ °â41´ °S): Constraints for the tectonic setting along the southwestern margin of Gondwana. **1999**, 18, 582-605	54
1245	Relationships between the brook street Terrane and Median Tectonic Zone (Median Batholith): Evidence from Jurassic conglomerates. **1999**, 42, 279-293	38
1244	Tectonic Evolution of the Careâ Ophiolite (Northwest Spain): A Remnant of Oceanic Lithosphere in the Variscan Belt. **1999**, 107, 587-605	93
1243	U-Pb Geochronology of Devonian Granites in the Meguma Terrane of Nova Scotia, Canada: Evidence for Hotspot Melting of a Neoproterozoic Source. **1999**, 107, 555-568	40
1242	A precise late Neoproterozoic U-Pb zircon age for the syntectonic Perelle quartz diorite, Guernsey, Channel Islands, UK. **1999**, 156, 47-54	30
1241	The 963 Ma Vinga intrusion and post-compressional deformation in the Sveconorwegian orogen, SW Sweden. **1999**, 121, 101-106	6
1240	Geochronology of the Rymmen gabbro, southern Sweden; implications for primary versus inherited zircon in mafic rocks and rheomorphic dykes. **1999**, 121, 25-31	12
1239	Deformed A-type granites in northern Malawi, east-central Africa: pre- or syntectonic?. **1999**, 156, 695-714	31
1238	The evolution of the southern Menderes Massif in SW Turkey as revealed by zircon dating. **1999**, 156, 1021-1030	110
1237	Grenvillian magmatism of western and central Nordaustlandet, northeastern Svalbard. **1999**, 90, 221-254	39
1236	Age of crustal melting, emplacement and exhumation history of the Shivling leucogranite, Garhwal Himalaya. **1999**, 136, 513-525	99
1235	New zircon ages and regional significance for the evolution of the Pan-African orogen in Madagascar. **1999**, 156, 1125-1135	83
1234	U-Pb zircon ages for Precambrian and Mesozoic plutonic rocks in the Seoul-Cheongju-Chooncheon area, Gyeonggi massif, Korea.. **1999**, 33, 379-397	32
1233	Mesoproterozoic chronostratigraphy of the southeastern Llano uplift, central Texas. **2000**, 112, 278-291	24
1232	UâPb and 40Ar/39Ar constraints on the Fjord Region Detachment Zone: a long-lived extensional fault in the central East Greenland Caledonides. **2000**, 157, 795-809	44
1231	Precise U-Pb Zircon Constraints on the Earliest Magmatic History of the Carolina Terrane. **2000**, 108, 321-338	52

1230	A New Late Middle Cambrian Paleomagnetic Pole for the Ellsworth Mountains, Antarctica. **2000**, 108, 403-425	8
1229	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
1228	Ion microprobe U-Pb zircon geochronology of the Hida gneiss. Finding of the oldest minerals in Japan.. **2000**, 34, 135-153	75
1227	A Sr, Nd, and Pb isotopic study of mantle domains and crustal structure from Miocene volcanic rocks in the Mojave Desert, California. **2000**, 112, 1264-1279	33
1226	Petrochemistry, UâPb (zircon) age, and palaeotectonic setting of the Lampang volcanic belt, northern Thailand. **2000**, 157, 553-563	59
1225	Isotopic character of Cambro-Ordovician plutonism, southern Victoria Land, Antarctica. **2000**, 43, 501-520	46
1224	Variscan collisional magmatism and deformation in NW Iberia: constraints from UâPb geochronology of granitoids. **2000**, 157, 565-576	130
1223	Genesis of polymetallic and precious-metal ores in the Western Mediterranean province (CÌvennes, FranceâSardinia, Italy). **2000**, 109, 77-94	1
1222	Superposed Neoproterozoic and Silurian magmatic arcs in central Cape Breton Island, Canada: geochemical and geochronological constraints. **2000**, 137, 137-153	18
1221	Generation of anorthositic magma by H2O-fluxed anatexis of silica-undersaturated gabbro: an example from the north Norwegian Caledonides. **2000**, 137, 609-621	28
1220	Age relationships in supracrustal sequences of the northern part of the Murchison Terrane, Archaean Yilgarn Craton, Western Australia: A combined field and zircon UâPb study. **2000**, 47, 153-165	32
1219	Single zircon ages for felsic to intermediate rocks from the Pietersburg and Giyani greenstone belts and bordering granitoid orthogneisses, northern Kaapvaal Craton, South Africa. **2000**, 30, 773-793	53
1218	An Arch?an arc-arc collisional event: a short-lived (ca 3 Myr) episode, Weltevreden area, Barberton greenstone belt, South Africa. **2000**, 30, 219-248	84
1217	Distal Magmatic-Hydrothermal Origin for the CamaquÃ Cu (Au-Ag) and Santa Maria Pb, Zn (Cu-Ag) Deposits, Southern Brazil. **2000**, 3, 155-174	36
1216	A New Understanding of the Provinces of the Amazon Craton Based on Integration of Field Mapping and U-Pb and Sm-Nd Geochronology. **2000**, 3, 453-488	295
1215	Geochemical evidence for the Trindade hotspot trace: Columbia seamount ankaramite. **2000**, 51, 293-304	41
1214	Tectonic setting of post-collisional magmatism in the Palaeoproterozoic Svecofennian Orogen, SW Finland. **2000**, 54, 63-81	61
1213	Extraction of Pb with artificially too-old ages during stepwise dissolution experiments on Archean zircon. **2000**, 53, 279-291	31

1212	An isotopic and geochemical study of the northern Kaapvaal Craton and the Southern Marginal Zone of the Limpopo Belt: are they juxtaposed terranes?. **2000**, 50, 1-25	86
1211	Ancient isotopic characteristics of Neogene potassic magmatism in Western New Guinea (Irian Jaya, Indonesia). **2000**, 50, 217-239	38
1210	Pâ□tâ□ development of Archaean granulites in Varpaisjð□vi, Central Finland. **2000**, 50, 121-136	55
1209	Geochronology and petrogenesis of Pan-African, syn-tectonic, S-type and post-tectonic A-type granite (Namibia): products of melting of crustal sources, fractional crystallization and wall rock entrainment. **2000**, 50, 259-287	112
1208	Evolution of a post-batholith dike swarm in central coastal Queensland, Australia: arc-front to backarc?. **2000**, 51, 331-349	32
1207	Uâ□Pb zircon ages from a Devonian carbonatite dyke, Kola peninsula, Russia: a record of geological evolution from the Archaean to the Palaeozoic. **2000**, 51, 95-108	67
1206	Petrology and geochemistry of mafic granulite xenoliths from the Lahtojoki kimberlite pipe, eastern Finland. **2000**, 51, 109-133	43
1205	Zircon isotopic ages from magnetite quartzites of the Jianping metamorphic complex, western Liaoning Province. **2000**, 45, 547-551	2
1204	Zircon ages and Nd isotopic and chemical compositions of orthogneisses from the Black Forest, Germany: evidence for a Cambrian magmatic arc. **2000**, 88, 791-802	214
1203	Uâ□Pb geochronology of the Southern Black Forest Batholith (Central Variscan Belt): timing of exhumation and granite emplacement. **2000**, 88, 814-828	51
1202	Simultaneous horst-basin formation and magmatism during Late Variscan transtension: evidence from 40Ar/39Ar and 207Pb/206Pb geochronology in the Ruhla Crystalline Complex. **2000**, 89, 52-71	25
1201	Timing the end-Triassic mass extinction: First on land, then in the sea?. **2000**, 28, 39	107
1200	1.86â□1.85 Ga intrusive ages of K-feldspar megacryst-bearing granites in the type area of the Revsund granites in Jð□tland County, central Sweden. **2000**, 122, 359-366	18
1199	U-Pb zircon geochronology of silicic tuffs and chronostratigraphy of the earliest Old Red Sandstone in the Munster Basin, SW Ireland. **2000**, 180, 269-302	7
1198	Petrogenesis of Mafic to Felsic Plutonic Rock Associations: the Calc-alkaline Quð□igut Complex, French Pyrenees. **2000**, 41, 809-844	140
1197	Evolution of Archean components in the Paleoproterozoic Nagssugtoqidian orogen, West Greenland. **2000**, 112, 747-763	34
1196	Iron-Rich and Iron-Poor Mississippi Valley-Type Mineralization, Metaline District, Washington. **2000**, 95, 1091-1106	12
1195	Gold occurrences and lead isotopes in Ketilidian Mobile Belt, South Greenland. **2000**, 109, 6-13	6

1194	The Kennack Gneiss of the Lizard Peninsula, Cornwall, SW England: commingling and mixing of mafic and felsic magmas accompanying Givetian continental incorporation of the Lizard ophiolite. **2000**, 157, 1227-1242	25
1193	Interpretation of SHRIMP and isotope dilution zircon ages for the Palaeozoic time-scale: II. Silurian to Devonian. **2000**, 64, 1127-1171	42
1192	Ion microprobe discovery of Archaean and Early Proterozoic zircon xenocrysts in southwest Sweden. **2000**, 122, 377-383	11
1191	Age and origin of advanced argillic alteration zones and related exotic limonite deposits in the Limonite Creek area, central British Columbia. **2000**, 37, 1093-1107	6
1190	Geology and Pb-Pb Geochronology of Paleoproterozoic Volcanic and Granitic Rocks of Pitinga Province, Amazonian Craton, Northern Brazil. **2000**, 42, 832-849	52
1189	Geologic Setting, Geochemistry of Alteration, and U-Pb Age of Hydrothermal Zircon from the Silurian Stog'er Tight Gold Prospect, Newfoundland Appalachians, Canada. **2000**, 9, 171-188	13
1188	Chronological constraints on the pre-Variscan evolution of the northeastern margin of the Bohemian Massif, Czech Republic. **2000**, 179, 175-197	40
1187	40Ar/39Ar, UâPb, and SmâNd constraints on the timing of metamorphic events in the Maksyutov Complex, southern Ural Mountains. **2000**, 157, 811-822	42
1186	The Midas Pond Gold Prospect, Victoria Lake Group, Central Newfoundland: A Mesothermal Quartz Vein System with Epithermal Characteristics. **2000**, 9, 65-79	0
1185	From Cadomian subduction to Early Palaeozoic rifting: the evolution of Saxo-Thuringia at the margin of Gondwana in the light of single zircon geochronology and basin development (Central European Variscides, Germany). **2000**, 179, 131-153	90
1184	Isotopic ages and chemical and isotopic composition of the Archaean Turfloop Batholith, Pietersburg granite--greenstone terrane, Kaapvaal Craton, South Africa. **2000**, 103, 38-46	28
1183	U-Pb geochronology and origin of granitoid rocks in the Thetford Mines ophiolite, Canadian Appalachians. **2000**, 112, 915-928	46
1182	New U-Pb zircon ages for the Kuboos pluton in the Pan-African Gariep belt, South Africa: Cambrian mantle plume or far field collision effect?. **2000**, 103, 207-214	17
1181	New field, structural and geochronological data from the Shyok and Nubra valleys, northern Ladakh: linking Kohistan to Tibet. **2000**, 170, 253-275	37
1180	Hybrids, magma mixing and enriched mantle melts in post-collisional Variscan granitoids: the Rastenberg Pluton, Austria. **2000**, 179, 415-431	22
1179	Pb and Nd isotopic constraints on Paleoproterozoic crustal evolution of the northeastern Yeongnam massif, South Korea. **2000**, 102, 207-220	80
1178	Geochemical and Nd-Pb-O isotope systematics of granites from the Taltson Magmatic Zone, NE Alberta: implications for early Proterozoic tectonics in western Laurentia. **2000**, 102, 221-249	46
1177	UâPb geochronological constraints for Paleoproterozoic evolution of the Core Zone, southeastern Churchill Province, northeastern Laurentia. **2000**, 103, 31-54	14

1176	UâPb constraints for the plutonic and tectonometamorphic evolution of Lake Melville terrane, Labrador and implications for basement reworking in the northeastern Grenville Province. **2000**, 99, 65-90		30
1175	UâPb geochronology of zircon and monazite from Mesoproterozoic granitic gneisses of the northern Blue Ridge, Virginia and Maryland, USA. **2000**, 99, 113-146		37
1174	Mid-Proterozoic PbâPb ages for some Himalayan base-metal deposits and comparison to deposits in Rajasthan, NW India. **2000**, 99, 171-178		10
1173	Origin and evolution of mid- to late-Archean crust in the Hanikahimajuk Lake area, Slave Province, Canada; evidence from UâPb geochronological, geochemical and NdâPb isotopic data. **2000**, 99, 197-224		18
1172	Simultaneous remagnetization and UâPb isotope resetting in Neoproterozoic carbonates of the SÃo Francisco craton, Brazil. **2000**, 99, 179-196		43
1171	Late Archaean (2550â2520 Ma) juvenile magmatism in the Eastern Dharwar craton, southern India: constraints from geochronology, NdâSr isotopes and whole rock geochemistry. **2000**, 99, 225-254		412
1170	U-Pb and Pb-Pb age constraints on Paleoproterozoic magmatism, deformation and gold mineralization in the Omai area, Guyana Shield. **2000**, 102, 69-86		70
1169	The link between hydrothermal epigenetic copper mineralization and the CaÇapava Granite of the Brasiliano Cycle in southern Brazil. **2000**, 13, 191-216		37
1168	An Early Cambrian granodiorite age from the pre-Andean basement of Tierra del Fuego (Chile): the missing link between South America and Antarctica?. **2000**, 13, 163-177		34
1167	Geologic and geochronologic data from the Guerrero terrane in the Tejupilco area, southern Mexico: new constraints on its tectonic interpretation. **2000**, 13, 355-375		46
1166	Timing of granitic magmatism in the northern Borborema Province, Brazil: a UâPb study of granitoids from the Alto Paje Terrain. **2000**, 13, 549-559		23
1165	Precambrian and Early Paleozoic evolution of the Andean basement at Belen (northern Chile) and Cerro Uyarani (western Bolivia Altiplano). **2000**, 13, 717-737		69
1164	Preliminary evidence for a Hercynian age of the Versoyen complex, western Alps. **2000**, 330, 325-332		
1163	ge Paloozoque inffieur (UâPb sur zircon) de mtagranophyres de la nappe du Grand-Saint-Bernard (zona interna, valle d'Aoste, Italie). **2000**, 330, 473-478		1
1162	Lead isotope composition of tree rings as bio-geochemical tracers of heavy metal pollution: a reconnaissance study from Firenze, Italy. **2000**, 15, 891-900		60
1161	A novel approach to double-spike PbâPb dating of carbonate rocks: examples from Neoproterozoic sequences in southern Africa. **2000**, 171, 97-122		61
1160	Lead-isotopes as tracers of pollutants in soils. **2000**, 171, 123-144		182
1159	Timing of eastern North American kimberlite magmatism: continental extension of the Great Meteor hotspot track?. *Earth and Planetary Science Letters*, **2000**, 178, 253-268	5.3	178

1158	Dust production and deposition in Asia and the north Pacific Ocean over the past 12 Myr. *Earth and Planetary Science Letters*, **2000**, 178, 397-413	5.3	158
1157	The significance of monazite U□Th□Pb age data in metamorphic assemblages; a combined study of monazite and garnet chronometry. *Earth and Planetary Science Letters*, **2000**, 181, 327-340	5.3	259
1156	Single-zircon evaporation ages and Rb□Sr dating of four major Variscan batholiths of the Urals: A perspective on the timing of deformation and granite generation. **2000**, 317, 93-108		56
1155	Stratigraphy, geochemistry and tectonic significance of the Oligocene magmatic rocks of western Oaxaca, southern Mexico. **2000**, 318, 71-98		43
1154	Lu□f garnet geochronology: closure temperature relative to the Sm□Nd system and the effects of trace mineral inclusions. **2000**, 64, 3413-3432		328
1153	Interaction among upper crustal, lower crustal, and mantle materials in the Port Mouton pluton, Meguma Lithotectonic Zone, southwest Nova Scotia. **2000**, 37, 579-600		11
1152	Ion microprobe uranium-thorium-lead dating of Shergotty phosphates. **2000**, 35, 341-346		26
1151	Stable lead isotope characteristics of lead ore deposits of environmental significance. **2000**, 8, 115-147		181
1150	Nd and Pb isotopes from the Lake of the Woods greenstone belt, northwestern Ontario: implications for mantle evolution and the formation of crust in the southern Superior Province. **2000**, 37, 1677-1689		29
1149	Geology and U-Pb geochronology of the Island Lake greenstone belt, northwestern Superior Province, Manitoba. **2000**, 37, 1275-1286		12
1148	New U?Pb zircon ages integrated with ammonite biochronology from the Jurassic of the Canadian Cordillera. **2000**, 37, 549-567		15
1147	Temporal evolution of a deeply eroded orogen: the Nagssugtoqidian Orogen, West Greenland. **2000**, 37, 1121-1142		49
1146	Tracing Crustal Evolution in the Southern Central Andes from Late Precambrian to Permian with Geochemical and Nd and Pb Isotope Data. **2000**, 108, 515-535		86
1145	A review of Devonian time scales: databases, construction and new data. **2000**, 180, 1-21		12
1144	Relations between hinterland and foreland shortening: Sevier orogeny, central North American Cordillera. **2000**, 19, 1124-1143		46
1143	Evolution of the Kangmar Dome, southern Tibet: Structural, petrologic, and thermochronologic constraints. **2000**, 19, 872-895		207
1142	Geochronology and radiogenic isotope geochemistry of plutonic rocks from the central Abitibi subprovince: significance to the internal subdivision and plutono-tectonic evolution of the Abitibi belt. **2000**, 37, 117-133		36
1141	Magmatic evolution of the southern Great Bear continental arc, northwestern Canadian Shield: geochronological constraints. **2001**, 38, 767-785		46

1140	Archean rocks in the southern Rottenstone Domain: significance for the evolution of the Trans-Hudson Orogen. **2001**, 38, 1017-1025	12
1139	In situ ion microprobe U-Pb dating and REE abundances of a carboniferous conodont. **2001**, 28, 831-834	11
1138	Birth of the Kaapvaal tectosphere 3.08 billion years ago. **2001**, 291, 465-8	99
1137	Crustal thickening leading to exhumation of the Himalayan Metamorphic core of central Nepal: Insight from U-Pb Geochronology and 40Ar/39Ar Thermochronology. **2001**, 20, 729-747	209
1136	Petrogenesis of the Post-kinematic Magmatism of the Central Finland Granitoid Complex I; Radiogenic Isotope Constraints and Implications for Crustal Evolution. **2001**, 42, 1971-1993	63
1135	Geochronologic and thermobarometric constraints on the evolution of the Main Central Thrust, central Nepal Himalaya. **2001**, 106, 16177-16204	238
1134	U-Pb zircon ages from the Indian plate in northwest Pakistan and their significance to Himalayan and pre-Himalayan geologic history. **2001**, 20, 510-525	64
1133	Evidence for contemporaneous yet contrasting styles of granite magmatism during extensional collapse of the northeast Greenland Caledonides. **2001**, 20, 458-473	35
1132	Syncontractional extension and exhumation of deep crustal rocks in the east Greenland Caledonides. **2001**, 20, 58-77	51
1131	Structural and U/Pb chronology of superimposed folds, Adirondack Mountains: implications for the tectonic evolution of the Grenville Province. **2001**, 32, 395-418	7
1130	Evidence for 1.82 Ga transpressive shearing in a 1.85 Ga granitoid in central Sweden: implications for the regional evolution. **2001**, 105, 37-56	46
1129	Geochronology of eclogite facies metamorphism in the Sveconorwegian Province of SW Sweden. **2001**, 106, 261-275	65
1128	On the scarcity of >3900 Ma detrital zircons in â‰¤500 Ma metasediments. **2001**, 105, 93-114	52
1127	The Loch Maree Group: Palaeoproterozoic subductionâ€accretion complex in the Lewisian of NW Scotland. **2001**, 105, 205-226	53
1126	Geochronological constraints on Paleoproterozoic crustal evolution and regional correlations of the northern Outer Hebridean Lewisian complex, Scotland. **2001**, 105, 227-245	42
1125	Age, evolution and regional setting of the Palaeoproterozoic Umba igneous suite in the KolvitsaâUmba zone, Kola Peninsula: constraints from new geological, geochemical and UâPb zircon data. **2001**, 105, 247-267	22
1124	Titanite-rutile thermochronometry across the boundary between the Archaean Craton in Karelia and the Belomorian Mobile Belt, eastern Baltic Shield. **2001**, 105, 315-330	59
1123	Depositional and tectonic setting of the Paleoproterozoic Lower Aillik Group, Makkovik Province, Canada: evolution of a passive margin-foredeep sequence based on petrochemistry and UâPb (TIMS and LAM-ICP-MS) geochronology. **2001**, 105, 331-356	85

1122	Precambrian basement character of Yemen and correlations with Saudi Arabia and Somalia. **2001**, 105, 357-369	91
1121	Evidence for Paleoproterozoic, Grenvillian, and Pan-African age Gondwanan crust beneath northeastern Mexico. **2001**, 107, 195-214	68
1120	The Johannesburg Dome, South Africa: new single zircon UâPb isotopic evidence for early Archaean graniteâ greenstone development within the central Kaapvaal Craton. **2001**, 108, 139-157	58
1119	Correlation of supracrustal sequences and origin of terranes in the Sveconorwegian orogen of SW Scandinavia: SIMS data on zircon in clastic metasediments. **2001**, 108, 293-318	81
1118	Zircon U-Pb geochronology of the Ottawan Orogeny, Adirondack Highlands, New York: regional and tectonic implications. **2001**, 109, 39-72	67
1117	Evolution of the Continental Crust in the Proterozoic Eastern Ghats Belt, India and new constraints for Rodinia reconstruction: implications from SmâNd, RbâSr and PbâPb isotopes. **2001**, 112, 183-210	210
1116	Geochronology of the Hout River Shear Zone and the metamorphism in the Southern Marginal Zone of the Limpopo Belt, Southern Africa. **2001**, 109, 145-173	103
1115	Single zircon ages, PT evolution and Nd isotopic systematics of high-grade gneisses in southern Malawi and their bearing on the evolution of the Mozambique belt in southeastern Africa. **2001**, 109, 257-291	87
1114	Early Mesoproterozoic intrusive breccias in Yukon, Canada: the role of hydrothermal systems in reconstructions of North America and Australia. **2001**, 111, 31-55	58
1113	Proterozoic geologic evolution of the SW part of the Amazonian Craton in Mato Grosso state, Brazil. **2001**, 111, 91-128	110
1112	Sedimentary evolution of the Ripheanâ Vendian basin of southeastern Siberia. **2001**, 111, 129-163	109
1111	Age of deformation episodes in the Palaeoproterozoic domain of northern Sweden, and evidence for a pre-1.9 Ga crustal layer. **2001**, 112, 239-259	49
1110	The behaviour of Nd and Pb isotopes during 2.0 Ga migmatization in paragneisses of the Central Zone of the Limpopo Belt (South Africa and Botswana). **2001**, 112, 51-86	38
1109	Trace element and isotopic (Sr, Nd, Pb, O) arguments for a mid-crustal origin of Pan-African garnet-bearing S-type granites from the Damara orogen (Namibia). **2001**, 110, 325-355	77
1108	Neoproterozoic geochronology and palaeogeography of the Seychelles microcontinent: the India link. **2001**, 110, 47-59	122
1107	Neoproterozoic (~800 Ma) orogeny in the Tuva-Mongolia Massif (Siberia): island arcâ ontinent collision at the northeast Rodinia margin. **2001**, 110, 109-126	129
1106	Age of Palaeozoic granites and metamorphism in the Tuvino-Mongolian Massif of the Central Asian Mobile Belt: loss of a Precambrian microcontinent. **2001**, 110, 143-164	116
1105	Onset of seafloor spreading in the Iapetus Ocean at 608 Ma: precise age of the Sarek Dyke Swarm, northern Swedish Caledonides. **2001**, 110, 241-254	90

1104	Phosphate control on the thorium/uranium variations in ordinary chondrites: Improving solar system abundances. **2001**, 36, 63-74	19
1103	Ion microprobe uranium-lead dating of zircons from the Lappajärvi impact crater, western Finland. **2001**, 36, 1087-1095	18
1102	The Palaeoproterozoic Kangerluluk goldâcopper mineralization (southeast Greenland): Pb and Nd isotopic constraints on its timing and genesis. **2001**, 36, 177-188	4
1101	Geochemical characteristics and genesis of Neoproterozoic granitoids in the northwestern margin of the Yangtze Block. **2001**, 26, 805-819	27
1100	UâPb chronostratigraphy of the granitic magmatism in the Agudos Grandes Batholith (west of São Paulo, Brazil) âimplications for the evolution of the Ribeira Belt. **2001**, 14, 363-376	53
1099	Archean crust in the Rio de la Plata Craton, Uruguay âSHRIMP UâPb zircon reconnaissance geochronology. **2001**, 14, 557-570	94
1098	Datation UâPb à la microsonde ionique des zircons de l'unité supérieure de gneiss dans le Sud Limousin, Massif central. **2001**, 332, 625-632	2
1097	331 ± 9 Ma emplacement age of the Soultz monzogranite (Rhine Graben basement) by U/Pb ion-probe zircon dating of samples from 5 km depth. **2001**, 332, 747-754	3
1096	UâPb isotopic study of relict zircon inclusions recovered from Muong Nong-type tektites. **2001**, 65, 1833-1838	35
1095	Geochemistry of the peat bog at Etang de la Gruère, Jura Mountains, Switzerland, and its record of atmospheric Pb and lithogenic trace metals (Sc, Ti, Y, Zr, and REE) since 12,370 14C yr BP. **2001**, 65, 2337-2360	227
1094	U-Pb zircon and titanite systematics of the Fish Canyon Tuff: an assessment of high-precision U-Pb geochronology and its application to young volcanic rocks. **2001**, 65, 2571-2587	248
1093	Sr-Nd-Pb isotope systematics of mantle xenoliths from Somerset Island kimberlites: Evidence for lithosphere stratification beneath Arctic Canada. **2001**, 65, 4243-4255	36
1092	Degree of preservation of igneous zonation in zircon as a signpost for concordancy in U/Pb geochronology. **2001**, 172, 25-39	86
1091	The significance of UâPb zircon dates in lower crustal xenoliths from the southwestern margin of the Kaapvaal craton, southern Africa. **2001**, 172, 59-76	41
1090	Anomalous UâPb systematics in mantle-derived baddeleyite xenocrysts from Île Bizard: evidence for high temperature radon diffusion?. **2001**, 172, 77-93	40
1089	Sphene (titanite): phase relations and role as a geochronometer. **2001**, 172, 131-148	326
1088	UâPb evidence for polymetamorphic history of Huronian rocks within the Grenville front tectonic zone east of Sudbury, Ontario, Canada. **2001**, 172, 149-171	31
1087	Apatiteâfeldspar UâPb thermochronometer: a reliable, mid-range (~450 °C), diffusion-controlled system. **2001**, 172, 173-200	118

1086	Alteration of monazite and zircon and lead migration as geochemical tracers of fluid paleocirculations around the Okloâ€Oklobondo and Bangombé natural nuclear reaction zones (Franceville basin, Gabon). **2001**, 171, 147-171		95
1085	Geochemistry and isotope systematics of small- to medium-volume Neogeneâ€Quaternary ignimbrites in the southern central Andes: evidence for derivation from andesitic magma sources. **2001**, 171, 213-237		55
1084	Age significance of Uâ€Thâ€Pb zircon data from early Archaean rocks of west Greenland â€a reassessment based on combined ion-microprobe and imaging studies â€comment. **2001**, 175, 191-199		23
1083	Age significance of Uâ€Thâ€Pb zircon data from early Archaean rocks of west Greenland â€a reassessment based on combined ion-microprobe and imaging studies â€reply. **2001**, 175, 201-208		13
1082	Evolution of the Ligurian Tethys in the Western Alps: Sm/Nd and U/Pb geochronology and rare-earth element geochemistry of the Montgenèvre ophiolite (France). **2001**, 175, 449-466		47
1081	Ion microprobe U–Pb dating of hydrothermal xenotime from an episyenite: evidence for rift-related reactivation. **2001**, 175, 703-712		20
1080	A new miniaturized extraction chromatography method for precise U–Pb zircon geochronology. **2001**, 176, 311-319		37
1079	Pb isotope systematics and time-integrated Th/U of SE-Asian continental crust recorded by single K-feldspar grains in large rivers. **2001**, 177, 265-285		27
1078	The least radiogenic terrestrial leads; implications for the early Archean crustal evolution and hydrothermal–metasomatic processes in the Isua Supracrustal Belt (West Greenland). **2001**, 181, 47-66		43
1077	Pb isotope compositions of modern deep sea turbidites. *Earth and Planetary Science Letters*, **2001**, 184, 489-503	5.3	77
1076	U–Pb geochronology of Seychelles granitoids: a Neoproterozoic continental arc fragment. *Earth and Planetary Science Letters*, **2001**, 187, 27-38	5.3	135
1075	Ion micro-probe U–Pb zircon geochronology of peak and retrograde stages of ultrahigh-pressure metamorphic rocks from the Kokchetav massif, northern Kazakhstan. *Earth and Planetary Science Letters*, **2001**, 188, 185-198	5.3	152
1074	Cenozoic structural and metamorphic evolution of the eastern Himalayan syntaxis (Namche Barwa). *Earth and Planetary Science Letters*, **2001**, 192, 423-438	5.3	232
1073	Chronology of basin closure and thrusting in the internal zone of the Variscan belt in the Schwarzwald, Germany: evidence from zircon ages, trace element geochemistry, and Nd isotopic data. **2001**, 332, 169-184		24
1072	Isotopic evidence for Palaeoproterozoic accretion in the basement of the East European Craton. **2001**, 339, 1-18		97
1071	Composition and density model of the continental crust at an active continental margin–the Central Andes between 21´ ° and 27´ °S. **2001**, 341, 195-223		127
1070	New U?Pb and Ar/Ar isotopic age constraints on the timing of Eocene magmatism, Fort Fraser and Nechako River map areas, central British Columbia. **2001**, 38, 679-696		18
1069	U-Pb ages of granitoid rocks in the northwestern Makkovik Province, Labrador: evidence for 175 million years of episodic synorogenic and postorogenic plutonism. **2001**, 38, 359-372		20

1068	Timing and tectonic setting of Stikine Terrane magmatism, Babine-Takla lakes area, central British Columbia. **2001**, 38, 579-601	16
1067	Geological and geochemical evidence for variable magmatism and tectonics in the southern Canadian Cordillera: Paleozoic to Jurassic suites, Greenwood, southern British Columbia. **2001**, 38, 75-90	7
1066	Early Proterozoic magmatism in Yukon, Canada: constraints on the evolution of northwestern Laurentia. **2001**, 38, 1479-1494	69
1065	Redefinition of the Wild Bight Group, Newfoundland: implications for models of island-arc evolution in the Exploits Subzone. **2001**, 38, 889-907	9
1064	New U?Pb age constraints on latest Cretaceous magmatism and associated mineralization in the Fawnie Range, Nechako Plateau, central British Columbia. **2001**, 38, 619-637	13
1063	Geochronology of mid-Cretaceous to Eocene magmatism, Babine porphyry copper district, central British Columbia. **2001**, 38, 639-655	8
1062	Crustal growth by magmatic underplating: Isotopic evidence from the northern Sherman batholith. **2001**, 29, 515	99
1061	UâPb zircon ages from the Spontang Ophiolite, Ladakh Himalaya. **2001**, 158, 513-520	80
1060	Constraints on early sinistral displacements along the Great Glen Fault Zone, Scotland: structural setting, UâPb geochronology and emplacement of the syn-tectonic Clunes tonalite. **2001**, 158, 821-830	41
1059	Character and timing of Svecokarelian, late-orogenic, ductile deformation zones in Jßtland, west central Sweden. **2001**, 123, 225-236	11
1058	Elevated lead and zinc contents in remote alpine soils of the Swiss National Park. **2001**, 30, 919-26	39
1057	Late Archean basement in the Bangenhuken Complex of the Nordbreen Nappe, western Ny-Friesland, Svalbard. **2001**, 20, 49-59	9
1056	Material provenance of late-Roman lead coffins in the Rheinland, Germany. **2001**, 13, 197-205	7
1055	Age and Tectonic Significance of Permian Granites in Western Zanskar, High Himalaya. **2001**, 109, 127-135	19
1054	Age Constraints on Granitoids and Metavolcanic Rocks of the Sø Luís Craton and Gurupi Belt, Northern Brazil: Implications for Lithostratigraphy and Geological Evolution. **2001**, 43, 237-253	23
1053	Isotope characterization of lead in galena from ore deposits of the Aysh Region, southern Chile. **2001**, 36, 45-57	14
1052	Sulfur and lead isotope geochemistry of hypogene mineralization at the Barite Hill Gold Deposit, Carolina Slate Belt, southeastern United States: a window into and through regional metamorphism. **2001**, 36, 137-148	7
1051	Multiple sources for ore-forming fluids in the Neves Corvo VHMS Deposit of the Iberian Pyrite Belt (Portugal): strontium, neodymium and lead isotope evidence. **2001**, 36, 416-427	53

1050	Gold deposits of the Tapajŝ and Alta Floresta Domains, Tapajŝâ Parima orogenic belt, Amazon Craton, Brazil. **2001**, 36, 278-299	46
1049	Origin of a carbonate-hosted Fe-Mn-(Ba-As-Pb-Sb-W) deposit of Lx̂gban-type in central Sweden. **2001**, 36, 641-657	28
1048	U/Pb and Pb/Pb zircon ages from granitoid rocks of Wallagga area: constraints on magmatic and tectonic evolution of Precambrian rocks of western Ethiopia. **2001**, 71, 251-271	18
1047	Tectonic significance of deformation patterns in granitoid rocks of the Menderes nappes, Anatolide belt, southwest Turkey. **2001**, 89, 766-780	103
1046	Single zircon ages and whole-rock Nd isotopic systematics of early Palaeozoic granitoid gneisses from the Czech and Polish Sudetes (Jizersk̓hory, Krkono¯ € Mountains and Orlice-Sn˜ □ n̂k Complex). **2001**, 90, 304-324	94
1045	Timing of the granulite facies metamorphism in the Sanggan area, North China craton: zircon U-Pb geochronology. **2001**, 44, 1010-1018	59
1044	U-Pb age of the Diana Complex and Adirondack granulite petrogenesis. **2001**, 110, 385-395	1
1043	A correction approach to the common Pb contribution to207Pb/206Pb ratios obtained by the zircon evaporation technique. **2001**, 20, 189-192	
1042	Zircon SIMS ages and chemical compositions from Northern Dabie Terrain: Its implication for pyroxenite genesis. **2001**, 46, 1047-1050	1
1041	The Magondi belt in northeast Botswana: regional relations and new geochronological data from the Sua Pan area. **2001**, 32, 257-267	38
1040	Petrology and age of the Otjisazu Carbonatite Complex, Namibia: implications for the pre- and synorogenic Damaran evolution. **2001**, 32, 1-17	12
1039	U-Pb isotopic evidence for episodic granitoid emplacement in the Murchison greenstone belt, South Africa. **2001**, 33, 155-163	30
1038	Geochronological evidence for late-Grenvillian magmatic and metamorphic events in central Taimyr, northern Siberia*. **2001**, 13, 270-280	36
1037	Recycling of continental crust into the mantle as revealed by Kytlym dunite zircons, Ural Mts, Russia. **2001**, 13, 407-412	64
1036	The oldest rocks on Earth: time constraints and geological controversies. **2001**, 190, 177-203	19
1035	Lead isotopes and the age of the Earth â□a geochemical accident. **2001**, 190, 223-236	11
1034	The age of the Earth in the twentieth century: a problem (mostly) solved. **2001**, 190, 205-221	54
1033	Trace metals, arsenic and lead isotopes in dissolved and particulate phases of North Australian coastal and estuarine seawater. **2001**, 75, 165-184	89

1032	U-Pb zircon ages from a craton-margin archaean orogenic belt in northern Zimbabwe. **2001**, 32, 103-114	14
1031	Late Archean basement in the Bangenhuken Complex of the Nordbreen Nappe, western Ny-Friesland, Svalbard. **2001**, 20, 49-59	14
1030	Carbonate-hosted siliceous crust type mineralization of Carnic Alps (Italy-Austria). **2001**, 17, 199-214	6
1029	Zircon ages of high-grade gneisses in the Eastern Erzgebirge (Central European Variscides)â€constraints on origin of the rocks and Precambrian to Ordovician magmatic events in the Variscan foldbelt. **2001**, 56, 303-332	79
1028	The Eskolabreen granitoids revisited - an ion microprobe study of complex zircons from late Palaeoproterozoic granitoids within the Ny Friesland Caledonides, Svalbard. **2001**, 123, 1-5	3
1027	SHRIMP U-Pb zircon geochronology of the Hurungwe granite northwest Zimbabwe:Age constraints on the timing of the Magondi orogeny and implications for the correlation between the Kheis and Magondi Belts.. **2001**, 104, 39-46	34
1026	UâPb geochronology of the Fort Augustus granite gneiss: constraints on the timing of Neoproterozoic and Palaeozoic tectonothermal events in the NW Highlands of Scotland. **2001**, 158, 7-14	52
1025	Precise UâPb titanite age constraints on the emplacement of the Bushveld Complex, South Africa. **2001**, 158, 3-6	126
1024	The Archean Dongwanzi ophiolite complex, North China craton: 2.505-billion-year-old oceanic crust and mantle. **2001**, 292, 1142-5	252
1023	Sr, Nd, Pb and O Isotopes of Minettes from Schirmacher Oasis, East Antarctica: a Case of Mantle Metasomatism involving Subducted Continental Material. **2001**, 42, 1387-1400	33
1022	The impact of snowmelt on the late Cenozoic landscape of the southern Rocky Mountains, USA. **2001**, 29, 235	36
1021	Cadomian Lower-Crustal Contributions to Variscan Granite Petrogenesis (South Bohemian Pluton, Austria): Constraints from Zircon Typology and Geochronology, Whole-Rock, and Feldspar Pbâ€r Isotope Systematics. **2001**, 42, 1621-1642	29
1020	Old origin for an active mountain range: Geology and geochronology of the eastern Hindu Kush, Pakistan. **2001**, 113, 625	60
1019	Petrogenesis of Mesoproterozoic (Subjotnian) rapakivi complexes of central Sweden: implications from UâPb zircon ages, Nd, Sr and Pb isotopes. **2001**, 92, 201-228	44
1018	LowP-TCaledonian resetting of U-rich Paleoproterozoic zircons, central Sweden. **2001**, 86, 534-546	22
1017	How UâPb detrital monazite ages contribute to the interpretation of the Pennine Basin infill. **2001**, 158, 741-744	29
1016	The Richtersveld Igneous Complex, South Africa: U-Pb Zircon and Geochemical Evidence for the Beginning of Neoproterozoic Continental Breakup. **2001**, 109, 493-508	148
1015	Latest Neoproterozoic to Mid-Cambrian age for the main deformation phases of the Transantarctic Mountains: new stratigraphic and isotopic constraints from the Pensacola Mountains, Antarctica. **2001**, 158, 295-308	35

1014	Multichronometric Evidence for an In Situ Origin of the Ultrahigh-Pressure Metamorphic Terrane of Dabieshan, China. **2001**, 109, 633-646	65
1013	Paleoproterozoic tectonic history of the Cerbat Mountains, northwestern Arizona: Implications for crustal assembly in the southwestern United States. **2001**, 113, 575	37
1012	Geodynamic Significance of the Kontum Massif in Central Vietnam: Composite 40Ar/39Ar and U-Pb Ages from Paleozoic to Triassic. **2001**, 109, 755-770	123
1011	Anatomy and orogenic history of a Paleoproterozoic accretionary belt: the Makkovik Province, Labrador, Canada. **2002**, 39, 711-730	48
1010	Le magmatisme basique calcoalcalin d'âge dévono-dinantien du nord du Massif Central, témoin d'une marge active hercynienne: arguments géochimiques et isotopiques Sr/Nd. **2002**, 15, 63-77	29
1009	New constraints on the timing of deposition and metamorphism in the Bamble sector, south Norway: Zircon and titanite U-Pb data from the Nelaug area. **2002**, 124, 73-78	20
1008	Extending the ancient margin outboard in the Canadian Cordillera: record of Proterozoic crust and Paleocene regional metamorphism in the Nicola horst, southern British Columbia. **2002**, 39, 1605-1623	19
1007	The Elatsite porphyry copper deposit in the Panagyurishte ore district, Srednogorie zone, Bulgaria: U-Pb zircon geochronology and isotope-geochemical investigations of magmatism and ore genesis. **2002**, 204, 119-135	27
1006	The Chirwa dome: granite emplacement during late Archaean thrusting along the northeastern margin of the Zimbabwe craton. **2002**, 105, 285-300	5
1005	Genesis of Pyroxenite-rich Peridotite at Cabo Ortegal (NW Spain): Geochemical and Pâ Sr â Nd Isotope Data. **2002**, 43, 17-43	101
1004	Timing of deposition, orogenesis and glaciation within the Dalradian rocks of Scotland: constraints from Uâ Pb zircon ages. **2002**, 159, 83-94	132
1003	Relationship between 1.90â 1.85 Ga accretionary processes and 1.82â 1.80 Ga oblique subduction at the Karelian craton margin, Fennoscandian Shield. **2002**, 124, 163-180	56
1002	Geochemistry and age of two orthogneisses in the Proterozoic Mjösa-Västern ore district, southwestern Scandinavia. **2002**, 124, 45-61	9
1001	U-Pb zircon dating and Sr isotope systematics of the Vindhyan Supergroup, India. **2002**, 30, 131	183
1000	Behavior of zircon during high-pressure, low-temperature metamorphism: Case study from the Internal Unit of the Sesia Zone (Western Italian Alps). **2002**, 14, 61-71	29
999	Geochronological constraints on the timing of migmatization in the Dabie Shan, East-central China. **2002**, 14, 513-524	22
998	Tectonic Evolution of the West Kunlun: Geochronologic and Geochemical Constraints from Kudi Granitoids. **2002**, 44, 653-669	62
997	The Stenshuvud and Tågahusa granitoids: new representatives of Mesoproterozoic magmatism in southern Sweden. **2002**, 124, 149-162	28

996	Pb isotope variations in Archaean time and possible links to the sources of certain Mesozoic-Recent basalts. **2002**, 199, 105-124	4
995	Trace element and Pb isotopic constraints on the provenance of the Rosroe and Derryveeny formations, South Mayo, Ireland. **2002**, 93, 101-110	4
994	PLATINUM-GROUP MINERALS AND OTHER DETRITAL COMPONENTS IN THE KAROO-AGE SOMABULA GRAVELS, GWERU, ZIMBABWE. **2002**, 40, 435-456	9
993	U-Pb zircon ages from the Vaggeryd syenite and the adjacent Hagshult granite, southern Sweden. **2002**, 124, 211-216	15
992	Volcanic rocks in the Devonian Solund Basin, Western Norway: large landslides of Silurian (439 Ma) rhyolites. **2002**, 159, 121-128	11
991	Pre-eruptional magmatic zircon, Neogene Alborõ volcanic province, SE Spain. **2002**, 159, 343-346	3
990	The origin and significance of the Delaney Dome Formation, Connemara, Ireland. **2002**, 159, 95-103	17
989	An estimate of the lead isotopic compositions of upper mantle and upper crust and implications for the source of lead in the Jinding Pb-Zn deposit in Western Yunnan, China.. **2002**, 36, 271-287	13
988	Attempted break-up of Rodinia at 850 Ma: geochronological evidence from the SeveâKalak Superterrane, Scandinavian Caledonides. **2002**, 159, 751-761	54
987	Emsian Synorogenic Paleogeography of the Maine Appalachians. **2002**, 110, 483-492	30
986	Late Cretaceous through Cenozoic Strike-Slip Tectonics of Southwestern Alaska. **2002**, 110, 247-270	40
985	Bio-Monitoring using Lead Isotope Ratios in Seagrass and Oysters. **2002**, 36, 52-54	3
984	Caledonian granites of western and central Nordaustlandet, northeast Svalbard. **2002**, 124, 135-148	20
983	Transitioning from Svecofennian to Transcandinavian Igneous Belt (TIB) magmatism in SE Sweden: Implications from the 1.82 Ga Eksjõtonalite. **2002**, 124, 217-224	20
982	Basement chronology of the Antarctic Peninsula: recurrent magmatism and anatexis in the Palaeozoic Gondwana Margin. **2002**, 159, 145-157	93
981	Anthropogenic lead dynamics in the terrestrial and marine environment. **2002**, 360, 2889-904	41
980	Zircon UâPb and Pb-isotope fractionation during stepwise HF acid leaching and geochronological implications. **2002**, 191, 155-164	46
979	Evidence of a Late Precambrian (637 Ma) Deformational Event in the Caledonides of Northern Sweden. **2002**, 110, 591-601	24

978	Timing of Synorogenic Granitoids in the South Qinling, Central China: Constraints on the Evolution of the Qinling-Dabie Orogenic Belt. **2002**, 110, 457-468	196
977	Baltica-Laurentia link during the Mesoproterozoic: 1.27 Ga development of continental basins in the Sveconorwegian Orogen, southern Norway. **2002**, 39, 1425-1440	44
976	Upwelling of deep mantle material through a plate window: Evidence from the geochemistry of Italian basaltic volcanics. **2002**, 107, ECV 7-1-ECV 7-19	100
975	Discordant paleomagnetic data for middle-Cretaceous intrusive rocks from northern Baja California: Latitude displacement, tilt, or vertical axis rotation?. **2002**, 21, 13-1-13-12	9
974	Hafnium isotopes in basalts from the southern Mid-Atlantic Ridge from 40´ °S to 55´ °S: Discovery and Shona plumeâridge interactions and the role of recycled sediments. **2002**, 3, 1-25	30
973	Reply to Comment on âIn Situ ion microprobe U-Pb dating and REE abundances of a Carboniferous conodontâby R. Romer. **2002**, 29, 39-1	1
972	U-Th-Pb Dating of Phosphate Minerals. **2002**, 48, 524-558	93
971	U-Pb zircon age constraint for late Neoproterozoic rifting and initiation of the lower Paleozoic passive margin of western Laurentia. **2002**, 39, 133-143	131
970	Petrology, age, and tectonic setting of the White Rock Formation, Meguma terrane, Nova Scotia: evidence for Silurian continental rifting. **2002**, 39, 259-277	28
969	U-Pb ages of plutonism, wollastonite formation, and deformation in the central part of the Lac-Saint-Jean anorthosite suite. **2002**, 39, 1093-1105	10
968	Chronology of Devonian to early Carboniferous rifting and igneous activity in southern Magdalen Basin based on U-Pb (zircon) dating. **2002**, 39, 1219-1237	52
967	Evolution of 3.1 and 3.0 Ga volcanic belts and a new thermotectonic model for the Hopedale Block, North Atlantic craton (Canada). **2002**, 39, 687-710	8
966	Geochemistry and age of the Aillik Group and associated plutonic rocks, Makkovik Bay area, Labrador: implications for tectonic development of the Makkovik Province. **2002**, 39, 731-748	9
965	Zircon Geochronology and Petrology of Alkaline-Potassic Syenites, Southwestern Serrinha Nucleus, East São Francisco Craton, Brazil. **2002**, 44, 117-136	8
964	UâPb geochronologic constraints on the crustal evolution of the Long Range Inlier, Newfoundland. **2002**, 39, 845-865	61
963	Detrital zircon geochronology of the Taku terrane, southeast Alaska. **2002**, 39, 921-931	13
962	Sources of Labrador Sea sediments since the last glacial maximum inferred from Nd-Pb isotopes. **2002**, 66, 2569-2581	35
961	Origins of NdâSrâPb isotopic variations in single scheelite grains from Archaean gold deposits, Western Australia. **2002**, 182, 203-225	67

960	Repeated age resetting in zircons from Hercynianâ Alpine polymetamorphic schists (Beticâ Rif tectonic belt, S. Spain)â Uâ Thâ Pb ion microprobe study. **2002**, 182, 275-292		67
959	Lead evolution of the Pre-Mesozoic crust in the Central Andes (18â 27´ °): progressive homogenisation of Pb. **2002**, 186, 183-197		22
958	The maficâ Ultramafic rock association of Loderioâ Biasca (lower Pennine nappes, Ticino, Switzerland): Cambrian oceanic magmatism and its bearing on early Paleozoic paleogeography. **2002**, 186, 265-279		22
957	Constraints on timing of peak and retrograde metamorphism in the Dabie Shan Ultrahigh-Pressure Metamorphic Belt, east-central China, using Uâ Thâ Pb dating of zircon and monazite. **2002**, 186, 315-331		240
956	Feasibility of chemical Uâ Thâ Total Pb baddeleyite dating by electron microprobe. **2002**, 188, 85-104		55
955	Uâ Pb geochronology of zircon and polygenetic titanite from the Glastonbury Complex, Connecticut, USA: an integrated SEM, EMPA, TIMS, and SHRIMP study. **2002**, 188, 125-147		145
954	Interpretation of monazite ages obtained via in situ analysis. **2002**, 188, 193-215		122
953	Petrogenesis of syeniteâ Granite suites from the Bryansky Complex (Transbaikalia, Russia): implications for the origin of A-type granitoid magmas. **2002**, 189, 105-133		170
952	Textural, chemical and isotopic insights into the nature and behaviour of metamorphic monazite. **2002**, 191, 183-207		202
951	Correction of common lead in Uâ Pb analyses that do not report 204Pb. **2002**, 192, 59-79		3138
950	Cordilleran-margin quartzites in Baja California â Implications for tectonic transport. *Earth and Planetary Science Letters*, **2002**, 199, 201-210	5.3	22
949	The most ancient ophiolite of the Central Asian fold belt: Uâ Pb and Pbâ Pb zircon ages for the Dunzhugur Complex, Eastern Sayan, Siberia, and geodynamic implications. *Earth and Planetary Science Letters*, **2002**, 199, 311-325	5.3	332
948	Neoproterozoic to Early Cambrian history of an active plate margin in the Teplâ Barrandian unitâ correlation of Uâ Pb isotopic-dilution-TIMS ages (Bohemia, Czech Republic). **2002**, 352, 65-85		107
947	Lead isotope systematics of sulfide minerals in the Middle Valley hydrothermal system, northern Juan de Fuca Ridge. **2002**, 3, 1-16		12
946	Comment on â In situ ion microprobe U-Pb dating and REE abundances of a Carboniferous conodontâ by Y. Sano and K. Terada. **2002**, 29, 38-1		1
945	Timing of Late Carboniferous/Permian Granite and Granite Porphyry Intrusions in the Ruhla Crystalline Complex (Central Germany), New Constraints from SHRIMP and 207Pb/206Pb Single Zircon Dating. **2002**, 62, 303-316		3
944	Geology and geochemistry of the Caxias gold deposit, and geochronology of the gold-hosting Caxias Microtonalite, SÝ Lu˜ – s Craton, northern Brazil. **2002**, 14, 837-849		11
943	New isotopic dating of intrusive rocks in the Sierra de San Luis (Argentina): implications for the geodynamic history of the Eastern Sierras Pampeanas. **2002**, 15, 237-250		41

942	3.3Ga SHRIMP UâPb zircon age of a felsic metavolcanic rock from the Mundo Novo greenstone belt in the SÃ Francisco craton, Bahia (NE Brazil). **2002**, 15, 363-373	40
941	Stratigraphy, geochronology, and accretionary terrane settings of two Bronson Hill arc sequences, northern New England. **2002**, 27, 47-95	17
940	Hydrothermalisme antÉHercynien en Sud-IbÉrie : apport de la gÉochimie isotopique du plomb. **2002**, 334, 259-265	10
939	Discovery of an alkaline orthogneiss in the eclogite-bearing Cellier Unit (Champtoceaux Complex, Armorican Massif): a new witness of the Ordovician rifting. **2002**, 334, 303-311	19
938	Les ´ « granites ˆ tablettes d'orthose ´ » du Vivarais, tÉmoins d'un magmatisme post-Épaississement d'âge Dinantien infÉrieur ; identification d'une unitÉ gÉologique Nord-Ouest-Vivarais. **2002**, 334, 741-747	3
937	Le magmatisme basique calcoalcalin dâge dÉvono-dinantien du nord du Massif Central, tÉmoin d'une marge active hercynienne : arguments gÉochimiques et isotopiques Sr/Nd. **2002**, 15, 63-77	40
936	Zircon geochronology in polymetamorphic gneisses in the Sveconorwegian orogen, SW Sweden: ion microprobe evidence for 1.46â1.42 and 0.98â0.96 Ga reworking. **2002**, 113, 193-225	87
935	Ion microprobe PbâPb dating of carbonado, polycrystalline diamond. **2002**, 113, 155-168	18
934	Zircon geochronology of migmatite gneisses along the Mylonite Zone (S Sweden): a major Sveconorwegian terrane boundary in the Baltic Shield. **2002**, 114, 121-147	121
933	Metamorphism of the graniteâgreenstone terrane south of the Barberton greenstone belt, South Africa: an insight into the tectono-thermal evolution of the âlowerâportions of the Onverwacht Group. **2002**, 114, 221-247	112
932	Shear-zone patterns and eclogite-facies metamorphism in the Mozambique belt of northern Malawi, east-central Africa: implications for the assembly of Gondwana. **2002**, 116, 19-56	64
931	UâPb geochronological constraints on the timing of Brioverian sedimentation and regional deformation in the St. Brieuc region of the Neoproterozoic Cadomian orogen, northern France. **2002**, 116, 1-17	22
930	Evolution of the southern Abitibi greenstone belt based on UâPb geochronology: autochthonous volcanic construction followed by plutonism, regional deformation and sedimentation. **2002**, 115, 63-95	189
929	Contrasting source components of the Paleoproterozoic Svecofennian metasediments: Detrital zircon UâPb, SmâNd and geochemical data. **2002**, 116, 81-109	79
928	Svecofennian magmatic and metamorphic evolution in southwestern Finland as revealed by U-Pb zircon SIMS geochronology. **2002**, 116, 111-127	52
927	UâPb zircon geochronology of the Paleoproterozoic Tagragra de Tata inlier and its Neoproterozoic cover, western Anti-Atlas, Morocco. **2002**, 117, 1-20	107
926	Late Eburnean granitization and tectonics along the western and northwestern margin of the Archean KhÉmaâMan domain (Guinea, West African Craton). **2002**, 117, 57-84	113
925	UâPb dating of zircons and monazites from Archean granulites in Varpaisjâvi, Central Finland:. **2002**, 118, 101-131	40

924	Re?Os and U?Pb geochronological constraints on the eclogiteâ€tonalite connection in the Archean Man Shield, West Africa. **2002**, 118, 267-283	58
923	The relationship between A-type granites and residual magmas from anorthosite: evidence from the northern Sherman batholith, Laramie Mountains, Wyoming, USA. **2002**, 119, 45-71	69
922	UâPb and ArâAr geochronology of anorogenic granite magmatism of the Mazury complex, NE Poland. **2002**, 119, 101-120	44
921	The Kynsijärvi quartz alkali feldspar syenite, Koillismaa, eastern Finlandâ€silicic magmatism associated with 2.44 Ga continental rifting. **2002**, 119, 121-140	17
920	Geological evolution of the basement rocks in the east-central part of the Rondônia Tin Province, SW Amazonian craton, Brazil: UâPb and SmâNd isotopic constraints. **2002**, 119, 141-169	49
919	Geology, geochemistry, and PbâPb zircon geochronology of the Paleoproterozoic magmatism of Vila Riozinho, Tapajós Gold Province, Amazonian craton, Brazil. **2002**, 119, 189-223	68
918	Archean crustal sources for Paleoproterozoic tin-mineralized granites in the Carajás Province, SSE Pará, Brazil: PbâPb geochronology and Nd isotope geochemistry. **2002**, 119, 257-275	41
917	Elemental and SrâNd isotope geochemistry of two Neoproterozoic mangerite suites in SE Brazil: implications for the origin of the mangeriteâ€charnockiteâ€granite series. **2002**, 119, 301-327	41
916	Calc-alkaline and tholeiitic dyke swarms of Tandilia, Rio de la Plata craton, Argentina: UâPb, SmâNd, and RbâSr 40Ar/39Ar data provide new clues for intraplate rifting shortly after the Trans-Amazonian orogeny. **2002**, 119, 329-353	34
915	Metals, arsenic and lead isotopes in near-pristine estuarine and marine coastal sediments from northern Australia. **2002**, 53, 719	29
914	Le bassin permien de Guardia Pisano (Sud-Ouest de la Sardaigne, Italie)´ : palynostratigraphie, paléophytogéographie, corrélations et étude radiométrique des produits volcaniques associés. **2002**, 35, 561-580	14
913	Geological features and origin of gold deposits occurring in the BaotouâBayan Obo district, south-central Inner Mongolia, People's Republic of China. **2002**, 20, 139-169	30
912	Structural evolution of a quartzâ€sillimanite vein and nodule complex in a late-to post-tectonic leucogranite, Western Adirondack Highlands, New York. **2002**, 24, 1157-1170	11
911	The age and accretion of the earth. **2002**, 59, 235-263	22
910	Lead Isotopes as Age-Sensitive, Genetic Markers in Hydrocarbons: 2. Kerogens, Crude Oils, and Unleaded Gasoline. **2002**, 9, 1-7	11
909	Lead Isotopes as Age-sensitive Genetic Markers in Hydrocarbons. 3. Leaded Gasoline, 1923â€1990 (ALAS Model). **2002**, 9, 43-50	18
908	Time-scales of assembly and thermal history of a composite felsic pluton: constraints from the Emerald Lake area, northern Canadian Cordillera, Yukon. **2002**, 114, 331-356	40
907	Ion microprobe UâPb dating of Quaternary zircon: implication for magma cooling and residence time. **2002**, 117, 285-296	26

906	Hercynian Acid Magmatism and Related Mineralizations in Northern Portugal. **2002**, 5, 423-434	13
905	Lead isotope systematics of vein-type antimony mineralization, Rheinisches Schiefergebirge, Germany: a case history of complex reaction and remobilization processes. **2002**, 37, 185-197	14
904	Geology and geochemistry of high-grade, volcanic rock-hosted, mercury mineralisation in the Nuevo Entredicho deposit, Almadħ district, Spain. **2002**, 37, 421-432	14
903	Lead isotope signatures of epithermal and porphyry-type ore deposits from the Romanian Carpathian Mountains. **2002**, 37, 173-184	27
902	In-situ UâPb zircon ages for Early Ordovician magmatism in the eastern Pyrenees, France: the Canigou orthogneisses. **2002**, 91, 398-405	100
901	Early Palaeozoic tectonothermal events in basement complexes of the eastern Greywacke Zone (Eastern Alps): evidence from UâPb zircon data. **2002**, 91, 775-786	22
900	Zircon UâPb geochronology of Ordovician magmatism in the polycyclic Ruitor Massif (Internal W Alps). **2002**, 91, 964-978	37
899	Stability of Al- and F-rich titanite in metacarbonate: petrologic and isotopic constraints from a polymetamorphic eclogitic marble of the internal Sesia Zone (Western Alps). **2002**, 142, 627-639	41
898	UâPb evidence for a polyorogenic evolution of the HPâHT units of the NW Iberian Massif. **2002**, 143, 236-253	60
897	Coupled evolution of back-arc and island arc-like mafic crust in the late-Neoproterozoic Agardagh Tes-Chem ophiolite, Central Asia: evidence from trace element and SrâNdâPb isotope data. **2002**, 143, 154-174	85
896	Crustal melting in the lower parts of island arcs: an example from the Bremanger Granitoid Complex, west Norwegian Caledonides. **2002**, 143, 316-335	33
895	Ankerite carbonatite from Swartbooisdrif, Namibia: the first evidence for magmatic ferrocarbonatite. **2002**, 143, 377-396	46
894	Geochemistry of Mesozoic plutons, southern Death Valley region, California: Insights into the origin of Cordilleran interior magmatism. **2002**, 143, 416-437	16
893	Synorogenic melting of mafic lower crust: constraints from geochronology, petrology and Sr, Nd, Pb and O isotope geochemistry of quartz diorites (Damara orogen, Namibia). **2002**, 143, 551-566	95
892	Geochemistry of oceanic carbonatites compared with continental carbonatites: mantle recycling of oceanic crustal carbonate. **2002**, 142, 520-542	300
891	Episodic granitoid emplacement in the Archaean AmaliaâKraaipan terrane, South Africa: confirmation from single zircon UâPb geochronology. **2002**, 35, 147-161	33
890	UâPb zircon and rutile metamorphic ages of Dahomeyan garnet-hornblende gneiss in southeastern Ghana, West Africa. **2002**, 35, 445-449	25
889	Single-zircon Pb-evaporation and40Ar/39Ar dating of the metamorphic and granitic rocks in north-west Spitsbergen. **2002**, 21, 73-89	18

888	Cripple Creek and other alkaline-related gold deposits in the southern Rocky Mountains, USA: influence of regional tectonics. **2002**, 37, 38-60	50
887	On the Isotopic Composition of Pb in Cloud Waters in Central Germany. A Source Discrimination Study. **2002**, 139, 261-288	31
886	Present Trends and the Future of Zircon in Geochronology: Laser Ablation ICPMS. **2003**, 53, 243-275	159
885	Lead sources in Mesozoic and Cenozoic Andean ore deposits, north-central Chile (30â34´ °S). **2003**, 38, 234-250	16
884	Petrogenetic and metallogenetic responses to Miocene slab flattening: new constraints from the El Indio-Pascua AuâAgâCu belt, Chile/Argentina. **2003**, 38, 844-862	77
883	Constraints on the thermal evolution of continental lithosphere from U-Pb accessory mineral thermochronometry of lower crustal xenoliths, southern Africa. **2003**, 144, 592-618	84
882	Dating the exhumation of UHP rocks and associated crustal melting in the Norwegian Caledonides. **2003**, 144, 758-770	33
881	Inheritance of early Archaean Pb-isotope variability from long-lived Hadean protocrust. **2003**, 145, 25-46	108
880	Dating high-grade metamorphismâconstraints from rare-earth elements in zircon and garnet. **2003**, 145, 61-74	399
879	UâPb zircon and monazite age constraints on granulite-facies metamorphism and deformation in the Strangways Metamorphic Complex (central Australia). **2003**, 145, 406-423	28
878	Different age response of zircon and monazite during the tectono-metamorphic evolution of a high grade paragneiss from the Ruhla Crystalline Complex, central Germany. **2003**, 145, 691-706	34
877	Late-Variscan magmatism revisited: new implications from Pb-evaporation zircon ages on the emplacement of redwitzites and granites in NE Bavaria. **2003**, 92, 36-53	48
876	Geochemical and isotopic composition and inherited zircon ages as evidence for lower crustal origin of two Variscan S-type granites in the NW Bohemian massif. **2003**, 92, 173-184	14
875	The Rand Granite in the southern Schwarzwald and its geodynamic significance in the Variscan belt of SW Germany. **2003**, 92, 821-842	35
874	The timing of kimberlite magmatism in North America: implications for global kimberlite genesis and diamond exploration. **2003**, 71, 153-184	124
873	Characteristics and genesis of Kanggur gold deposit in the eastern Tianshan mountains, NW China: evidence from geology, isotope distribution and chronology. **2003**, 23, 71-90	53
872	Geology, mineralogy, geochemistry, and zonation of the Bajiazi dolostone-hosted ZnâPbâAg skarn deposit, Liaoning Province, China. **2003**, 23, 153-182	26
871	First report of early Triassic A-type granite and syenite intrusions from Taimyr: product of the northern Eurasian superplume?. **2003**, 66, 23-36	96

870	Coesite micro-inclusions and the U/Pb age of zircons from the Hareidland Eclogite in the Western Gneiss Region of Norway. **2003**, 67, 181-190	80
869	Lower crustal melting and the role of open-system processes in the genesis of syn-orogenic quartz dioriteâ€graniteâ€leucogranite associations: constraints from Srâ€Ndâ€O isotopes from the Bandombaai Complex, Namibia. **2003**, 67, 205-226	69
868	Continental subduction and exhumation of UHP rocks. Structural and geochronological insights from the Dabieshan (East China). **2003**, 70, 213-241	163
867	Two types of gneisses associated with eclogite at Shuanghe in the Dabie terrane: carbon isotope, zircon Uâ€Pb dating and oxygen isotope. **2003**, 70, 321-343	52
866	Uâ€Pb zircon (TIMS and SIMS) and Smâ€Nd whole-rock geochronology of the Gour Oumelalen granulitic basement, Hoggar massif, Tuareg shield, Algeria. **2003**, 37, 229-239	51
865	Uâ€Pb ages of detrital zircons from Permian and Jurassic eolian sandstones of the Colorado Plateau, USA: paleogeographic implications. **2003**, 163, 29-66	273
864	Subduction-flip during Iapetus Ocean closure and Balticaâ€Laurentia collision, Scandinavian Caledonides. **2003**, 15, 362-369	24
863	A newly defined Late Ordovician magmatic-thermal event in the Mt Painter Province, northern Flinders Ranges, South Australia. **2003**, 50, 611-631	53
862	Uâ€Pb zircon ages and Sr-Nd-Pb isotopic compositions for Permianâ€Jurassic plutons in the Ogcheon belt and Ryeongnam massif, Korea: Tectonic implications and correlation with the China Qinlingâ€Dabie belt and the Japan Hida belt. **2003**, 12, 366-382	35
861	Petrological and geochronological constraints on high pressure, high temperature metamorphism in the Snowbird tectonic zone, Canada. **2003**, 21, 81-98	84
860	Timing of high-grade metamorphism: Early Palaeozoic Uâ€Pb formation ages of titanite indicate long-standing high-T conditions at the western margin of Gondwana (Argentina, 26â€29´ °S). **2003**, 21, 649-662	66
859	Single-grain zircon dating of the metamorphic and granitic rocks from the Biscayarhalv?ya-Holtedahlfonna zone, north-west Spitsbergen. **2003**, 22, 247-265	11
858	Geology, geochronology, and geochemistry of Archean rocks in the Eqe Bay area, north-central Baffin Island, Canada: constraints on the depositional and tectonic history of the Mary River Group of northeastern Rae Province. **2003**, 40, 1137-1167	20
857	Evidence for Mesozoic shear along the western Kunlun and Altyn-Tagh fault, northern Tibet (China). **2003**, 108,	57
856	Direct dating of left-lateral deformation along the Red River shear zone, China and Vietnam. **2003**, 108,	232
855	Strain partitioning in an obliquely convergent orogen, plutonism, and synorogenic collapse: Coast Mountains Batholith, British Columbia, Canada. **2003**, 22, n/a-n/a	47
854	Mesozoic and Cenozoic tectonic evolution of the Shiquanhe area of western Tibet. **2003**, 22, n/a-n/a	323
853	The 320 kyr Pb isotope evolution of Mauna Kea lavas recorded in the HSDP-2 drill core. **2003**, 4, n/a-n/a	115

852	Magmatic history of the northeastern Tibetan Plateau. **2003**, 108,	229
851	Reconstruction of the Altyn Tagh fault based on U-Pb geochronology: Role of back thrusts, mantle sutures, and heterogeneous crustal strength in forming the Tibetan Plateau. **2003**, 108,	218
850	Tectonic evolution of the early Mesozoic blueschist-bearing Qiangtang metamorphic belt, central Tibet. **2003**, 22, n/a-n/a	279
849	Tectonic and magmatic development of the Salinian Coast Ridge Belt, California. **2003**, 22, n/a-n/a	37
848	Geochronological and geochemical constraints on Mesozoic suturing in east central Tibet. **2003**, 22, n/a-n/a	145
847	Dating the subduction of the Arabian continental margin beneath the Semail ophiolite, Oman. **2003** , 31, 889	67
846	Zircon U-Th-Pb Geochronology by Isotope Dilution -- Thermal Ionization Mass Spectrometry (ID-TIMS). **2003**, 53, 183-213	63
845	Tectonic controls on metamorphism, partial melting, and intrusion: timing and duration of regional metamorphism and magmatism in the Niˇ de Massif, Turkey. **2003**, 376, 37-60	129
844	An Early-Cambrian U?Pb apatite cooling age for the high-temperature regional metamorphism in the Pianc̃area, Borborema Province (NE Brazil): initial conclusions. **2003**, 335, 1081-1089	4
843	Recycling oceanic crust: Quantitative constraints. **2003**, 4,	318
842	Age of pegmatites from eastern Brazil and implications of mica intergrowths on cooling rates and age calculations. **2003**, 16, 493-501	11
841	Lead isotopic disequilibrium between sulfide and plagioclase in the bushveld complex and the chemical evolution of large layered intrusions. **2003**, 67, 1875-1888	80
840	A lead isotope method for the accurate dating of disturbed geologic systems: numerical demonstrations, some applications and implications. **2003**, 67, 3687-3716	5
839	Evaluation of Duluth Complex anorthositic series (AS3) zircon as a U-Pb geochronological standard: new high-precision isotope dilution thermal ionization mass spectrometry results. **2003**, 67, 3665-3672	108
838	Fluidâ□ock interaction during progressive migration of carbonatitic fluids, derived from small-scale trace element and Sr, Pb isotope distribution in hydrothermal fluorite. **2003**, 67, 4577-4595	33
837	Assessment of errors in SIMS zircon Uâ□b geochronology using a natural zircon standard and NIST SRM 610 glass. **2003**, 197, 111-142	226
836	When did the ultrahigh-pressure rocks reach the surface? A 207Pb/206Pb zircon, 40Ar/39Ar white mica, Si-in-white mica, single-grain provenance study of Dabie Shan synorogenic foreland sediments. **2003**, 197, 87-110	102
835	Episodic and short-lived granitic pulses in a post-collisional setting: evidence from precise Uâ□b zircon dating through a crustal cross-section in Corsica. **2003**, 198, 1-20	114

834	Petrology of basement-dominated terranes. **2003**, 199, 1-28		55
833	TEMORA 1: a new zircon standard for Phanerozoic UâPb geochronology. **2003**, 200, 155-170		1750
832	Early Gondwanan connection for the Argentine Precordillera terrane. *Earth and Planetary Science Letters*, **2003**, 205, 349-359	5.3	48
831	UâPb geochronology and HfâNd isotope compositions of the oldest Neoproterozoic crust within the Cadomian orogen: new evidence for a unique juvenile terrane. *Earth and Planetary Science Letters*, **2003**, 208, 165-180	5.3	51
830	Provenance of Late Quaternary ice-proximal sediments in the North Atlantic: Nd, Sr and Pb isotopic evidence. *Earth and Planetary Science Letters*, **2003**, 209, 227-243	5.3	111
829	A new 1.9 Ga age for the Trompsburg intrusion, South Africa. *Earth and Planetary Science Letters*, **2003**, 212, 351-360	5.3	11
828	Paleomagnetism and geochronology of an Early Proterozoic quartz diorite in the southern Rind River Range, Wyoming, USA. **2003**, 362, 105-122		21
827	The Hera orebody: A complex distal (AuâZnâPbâAgâCu) skarn in the Cobar Basin of central New South Wales, Australia. **2021**, 71, 296-319		1
826	Precise UPb dating of grandite garnets by LA-ICP-MS: Assessing ablation behaviors under matrix-matched and non-matrix-matched conditions and applications to various skarn deposits. **2021**, 572, 120198		1
825	Constraints on the age and geodynamic setting of the iron formations and anhydrite Fe-(Ba) deposits in the Bulunkuole Group of the Taxkorgan area, NW China. **2021**, 133, 104121		0
824	TS-Mnz âA new monazite age reference material for U-Th-Pb microanalysis. **2021**, 572, 120195		4
823	U-Pb geochronology of apatite crystallized within a terrestrial impact melt sheet: Manicouagan as a geochronometer test site. **2021**,		1
822	West Africa in Rodinia: High quality paleomagnetic pole from the ~ 860 Ma Manso dyke swarm (Ghana). **2021**, 94, 28-43		4
821	UâPb geochronology of calcite carbonatites and jacupirangite from the Guli alkaline complex, Polar Siberia, Russia. **2021**, 85, 469-483		2
820	Perovskite U-Pb age and petrogenesis of the P-12 kimberlite from the Eastern Dharwar craton, southern India: Implications for a possible linkage to the 1110´ Ma large igneous province. **2021**, 213, 104750		2
819	Permian A-type granites of the Western Carpathians and Transdanubian regions: products of the Pangea supercontinent breakup. **2021**, 110, 2133-2155		3
818	Textures, trace elements and Pb isotopes of pyrite from the Donggushan tungsten polymetallic deposit, eastern China: Deciphering the source of a skarn tungsten polymetallic deposit. **2021**, 133, 104077		1
817	Age and tectonic setting of the Quinebaug-Marlboro belt and implications for the history of Ganderian crustal fragments in southeastern New England, USA. **2021**, 17, 1038-1100		0

816	Petrogenesis and Ni-Cu exploration potential of Devonian maficâ€“ultramafic intrusions in the southern part of the Central Asian Orogenic Belt, NW China: constraints from zircon O isotopes and whole-rock Sr-Nd isotopes. 1-19	2
815	Extreme plastic deformation and subsequent Pb loss in shocked xenotime from the Vredefort Dome, South Africa. **2021**,	0
814	Peritectic minerals record partial melting of the deeply subducted continental crust in the Sulu orogen.	2
813	U-Pb zircon SHRIMP dating of a protracted magmatic setting and its volcanic emplacement: Insights from the felsic volcanic rocks hosting the sulphide ore of the giant Aljustrel deposit, Iberian Pyrite Belt. **2021**, 134, 104147	0
812	Erroneous determination of the duration of metamorphism from analysis of overlapping pre-sputtered areas during SIMS Uâ€Pb dating of zircon. **2021**, 573, 120177	1
811	Lacustrine Slope-Related Soft-Sediment Deformation Structures in the Cretaceous Gyeokpori Formation, Buan Area, SW Korea, and Volcanism-Induced Seismic Shocks as Their Possible Trigger. **2021**, 11, 721	
810	Bulk inclusion micro-zircon Uâ€Pb geochronology: A new tool to date low-grade metamorphism.	0
809	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
808	U-Pb ages of detrital zircons in Cretaceous-Paleogene/Neogene kaolins within Eastern Dahomey and Niger Delta Basins (Nigeria) as provenance indicators. **2021**, 11, 13861	0
807	The spatial and temporal evolution of primitive melt compositions within the Lac de Gras kimberlite field, Canada: Source evolution vs lithospheric mantle assimilation. **2021**, 392-393, 106142	4
806	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
805	Post-Ore Processes of Uranium Migration in the Sandstone-Hosted Type Deposits: 234U/238U, 238U/235U and Uâ€Pb Systematics of Ores of the Namaru Deposit, Vitim District, Northern Transbaikalia. **2021**, 63, 287-299	
804	Relicts of Paleoproterozoic LIPs in the Belomorian Province, eastern Fennoscandian Shield: barcode reconstruction for a deeply eroded collisional orogen. SP518-2021-30	5
803	Zircon Hf-isotope constraints on the formation of metallic mineral deposits in Thailand. **2021**, 71, 436-469	0
802	Chicheng high-pressure granulites record the paleoproterozoic tectonic evolution in the northern North China Craton. **2021**, 359, 106213	1
801	Thermal evolution of the Stolzburg Block, Barberton granitoid-greenstone terrain, South Africa: Implications for Paleoarchean tectonic processes. **2021**, 359, 106082	0
800	The largest plagiogranite on Earth formed by re-melting of juvenile proto-continental crust. **2021**, 2,	4
799	Late-Orogenic Juvenile Magmatism of the Mesoproterozoic Namaqua Metamorphic Province, South Africa, and Relationships to Granulite-Facies REE-Th and Iron Oxide Mineralizations. **2021**, 62,	1

798	Metal remobilization from country rocks into the Jiaodong-type orogenic gold systems, Eastern China: New constraints from scheelite and galena isotope results at the Xiadian and Majiayao gold deposits. **2021**, 134, 104126		7
797	Recovering Pâ□Tâ□ paths from ultra-high temperature (UHT) felsic orthogneiss: An example from the Southern Brasília Orogen, Brazil. **2021**, 359, 106222		2
796	Pb-Nd-Sr Isotope Geochemistry of Metapelites from the Iberian Pyrite Belt and Its Relevance to Provenance Analysis and Mineral Exploration Surveys.		
795	Temporal and Petrogenetic Links Between Mesoproterozoic Alkaline and Carbonatite Magmas at Mountain Pass, California.		2
794	Geochronology and Geodynamic Settings of Metamorphic Complexes in the Southwestern Part of the Tuva-Mongolian Terrane, Central Asian Foldbelt. **2021**, 29, 389-410		
793	Zircon Uâ□Pb geochronology and Hf isotope geochemistry of magmatic and metamorphic rocks from the Hida Belt, southwest Japan. **2021**, 12, 101145		6
792	Siderian to Rhyacian evolution of the Juiz de Fora Complex: Arc fingerprints and correlations within the Minas-Bahia Orogen and the Western Central Africa Belt. **2021**, 359, 106118		5
791	Two-stage hybrid origin of Lachlan S-type magmas: A re-appraisal using isotopic microanalysis of lithic inclusion minerals. **2021**, 106378		3
790	Archean to Proterozoic (3535â□900 Ma) crustal evolution of the central Aravalli Banded Gneissic Complex, NW India: New constraints from zircon U-Pb-Hf isotopes and geochemistry. **2021**, 359, 106179		2
789	Nano-scale investigation of granular neoblastic zircon, Vredefort impact structure, South Africa: Evidence for complete shock melting. *Earth and Planetary Science Letters*, **2021**, 565, 116948	5.3	3
788	Origin of sediment-hosted Pb-Zn mineralization in the Paleoproterozoic Mârmorilik and Qaarsukassak formations, Karrat Group, West Greenland. **2021**, 134, 104164		0
787	Contemporaneous opening of the Alpine Tethys in the Eastern and Western Alps: constraints from a Late Jurassic gabbro intrusion age in the Glockner Nappe, Tauern Window, Austria. **2021**, 110, 2705		2
786	Timescales and rates of intrusive and metamorphic processes determined from zircon and garnet in migmatitic granulite, Fiordland, New Zealand. **2021**,		0
785	Petrogenesis of coeval shoshonitic and high-K calc-alkaline igneous suites in the Eopyeong granitoids, Taebaeksan Basin, South Korea: Lithospheric thinning-related Early Cretaceous magmatism in the Korean Peninsula. **2021**, 392-393, 106127		3
784	Metal Sources in the Proterozoic Vazante-Paracatu Sediment-Hosted Zn District, Brazil: Constraints from Pb Isotope Compositions of Meta-Siliciclastic Units. **2021**,		0
783	Resolving the age of the Haughton impact structure using coupled 40Ar/39Ar and U-Pb geochronology. **2021**, 304, 68-82		2
782	Andean orogenic signature in the Quaternary sandy barriers of Southernmost Brazilian Passive Margin â□Paradigm as a source area. **2021**, 12, 101119		1
781	Diamondiferous lamproites of Ingashi field, Siberian craton. SP513-2020-274		1

780	New Evidence for 4.32´ Ga Ancient Silicic Volcanism on the Moon. **2021**, 48, e2021GL092639	0
779	U-Pb provenance fingerprints of metavolcanic-sedimentary successions of the Mineiro belt: Proxies for the continuity of plate tectonics through the Paleoproterozoic. **2021**, 101293	2
778	Coupling sulfur and oxygen isotope ratios in sediment melts across the Archean-Proterozoic transition. **2021**, 307, 242-257	2
777	Rhyacian-Orosirian tectonic history of the Juiz de Fora Complex: Evidence for an Archean crustal reservoir within an island-arc system. **2021**, 101292	2
776	Provenance of northern Gondwana Lower Ordovician sandstones (Khabour Formation, northern Iraq) revealed by detrital zircon using LA-ICP-MS dating. **2021**, 56, 4905	1
775	Early Cambrian highly fractionated granite, Central Iran: Evidence for drifting of northern Gondwana and the evolution of the Proto-Tethys Ocean. **2021**, 362, 106291	2
774	Geochemical, Sr-Nd isotopic and U-Pb zircon study of 1.88 Ga gabbro-wehrlite from north-eastern Singhbhum Craton, India: Vestiges of Precambrian oceanic crust?. **2021**, 362, 106302	2
773	Petrochemistry and Zircon U-Pb Geochronology of Felsic Xenoliths in Late Cenozoic Gem-Related Basalt from Bo Phloi Gem Field, Kanchanaburi, Western Thailand. **2021**, 32, 1035-1052	1
772	Two-phase late Paleozoic magmatism (~ 313â312 and ~ 299â298 Ma) in the Lusatian Block and its relation to large scale NW striking fault zones: evidence from zircon UâPb CAâDâTIMS geochronology, bulk rock- and zircon chemistry. **2021**, 110, 2923	0
771	SHRIMP U-Pb dating of cassiterite: Insights into the timing of Rwandan tin mineralisation and associated tectonic processes. **2021**, 135, 104185	2
770	Long-lived stable shelf deposition along Gondwana's southern margin during the Ordovician-Silurian: Inferences from U Pb detrital zircon ages of the Table Mountain Group (South Africa) and correlatives in Argentina and the Falklands/Malvinas Islands. **2021**, 576, 120274	0
769	Multiple Hydrothermal Iron-Formation Upgrading Events in Southeastern SÃ Francisco Craton. 000-000	1
768	Neoproterozoic (740-680´ Ma) arc-back-arc magmatism in the Sergipano Belt, southern Borborema Province, Brazil. **2021**, 109, 103280	4
767	Zircon UâPb geochronology and geochemistry of plagiogranites within a Paleozoic oceanic arc, the Erlangping unit of the Qinling accretionary orogenic belt: Petrogenesis and geological implications. **2021**, 394-395, 106196	3
766	Hydrothermal monazite trumps rutile: applying U-Pb geochronology to evaluate complex mineralization ages of the Katbasu Au-Cu deposit, Western Tianshan, Northwest China. **2021**,	1
765	Geochronology and geochemistry of Cadomian basement orthogneisses from the Tutak metamorphic Complex, Sanandaj-Sirjan Zone, Iran. **2021**, 362, 106288	2
764	Mafic intrusions in southwestern Australia related to supercontinent assembly or breakup?. 1-23	
763	Metamorphism of the Buchan type-area, NE Scotland and its relation to the adjacent Barrovian domain. jgs2021-040	0

762	Geology and LA-ICP-MS UâPb geochronology of the Nova BrasilÑndia belt, SW Amazonian Craton: New ages, re-evaluation of existing geochronological data, and implications for the evolution of the SunsÉorogen. **2021**, 109, 103220		1
761	Tectono-sedimentary evolution of the Paleoproterozoic succession of the CarajÉBasin, southeastern Amazonian Craton, Brazil: Insights from sedimentology, stratigraphy, and UâPb detrital zircon geochronology. **2021**, 362, 106290		3
760	In-situ U-Pb dating of Ries Crater lacustrine carbonates (Miocene, South-West Germany): Implications for continental carbonate chronostratigraphy. *Earth and Planetary Science Letters*, **2021**, 568, 117011	5.3	3
759	Apatite as an alternative petrochronometer to trace the evolution of magmatic systems containing metamict zircon. **2021**, 176, 1		17
758	U-Pb-Hf isotopic systematics of zircons from granites and metasediments of southern OuaddaЯ (Chad), implications for crustal evolution and provenance in the Central Africa Orogenic Belt. **2021**, 361, 106233		6
757	Magma mixing, zircon UâPb ages and Hf isotopes: Insights for the Miocene magmatic plumbing system in the Soroche Porphyry, Puna Argentina, Central Andes. **2021**, 109, 103291		0
756	Long-term retention and chemical fractionation of fissionogenic Cs and Tc in Oklo natural nuclear reactor fuel. **2021**, 131, 105047		0
755	SiberiaâS largest pulse of kimberlites: U-Pb geochronology of perovskite and rutile from the Obnazhennaya kimberlite and its xenoliths, Siberia craton. 1-12		
754	Spatial variation in provenance signal: identifying complex sand sourcing within a Carboniferous basin using multiproxy provenance analysis. jgs2021-045		1
753	On the petrogenesis of Paleoarchean continental crust: U-Pb-Hf isotope and major-trace element constraints from the Bastar Craton, India. **2021**, 579, 120337		1
752	Multiple thermal events recorded in IIE silicate inclusions: Evidence from in situ UâPb dating of phosphates in Weekeroo Station. **2021**, 309, 79-95		0
751	Heterogeneous martian mantle: Evidence from petrology, mineral chemistry, and in situ U-Pb chronology of the basaltic shergottite Northwest Africa 8653. **2021**, 309, 352-365		1
750	Apatite U-Pb Dating with Common Pb Correction Using LA-ICP-MS/MS. **2021**, 45, 621		0
749	Age of the Dominion-Nsuze Igneous Province, the first intracratonic Igneous Province of the Kaapvaal Craton. **2021**, 363, 106335		3
748	Constraints on scheelite genesis at the Dabaoshan stratabound polymetallic deposit, South China. **2021**, 106, 1503-1519		0
747	New insights on the geological evolution of palaeorivers and their relationship to Indus Civilization and Early Historic settlements on the plains of Haryana, NW India. SP515-2020-161		
746	Evidence for continental rifting from two episodes of mid-Neoproterozoic silicic magmatism in the northeastern Yangtze Block, China. **2021**, 363, 106336		3
745	Zircon U Pb Hf and geochemical analyses of paragneiss and granitic gneiss from Oki-Dogo Island, Southwest Japan and its tectonic implications. **2021**, 396-397, 106217		3

744	Newly found Tonian metamorphism in Akebono Rock, eastern Dronning Maud Land, East Antarctica. **2021**,		
743	Precambrian and Early Palaeozoic metamorphic complexes in the SW part of the Central Asian Orogenic Belt: Ages, compositions, regional correlations and tectonic affinities. **2021**,		0
742	Detrital apatite geochemistry and thermochronology from the Oligocene/Miocene Alpine foreland record the early exhumation of the Tauern Window. **2021**, 33, 3021		3
741	HIGH-PRECISION CA-ID-TIMS AGE CONSTRAINTS ON THE NIBLACK Cu-Zn-Au-Ag DEPOSITS: A NEOPROTEROZOIC VOLCANIC-HOSTED MASSIVE SULFIDE DEPOSIT IN THE NORTH AMERICAN CORDILLERA. **2021**, 116, 1467-1481		1
740	Ordovician supra-subduction, oceanic and within-plate ocean island complexes in the Tekturmas ophiolite zone (Central Kazakhstan): age, geochemistry and tectonic implications. 1-43		2
739	Late Cretaceous to Paleocene magmatic record of the transition between collision and subduction in the Western and Central Cordillera of northern Colombia. **2021**, 103557		2
738	Rewriting the Cambrian Biogeography of the Central Asian Orogenic Belt Using Combined Faunal Cluster, Zircon Age and C Isotope Analysis. **2021**, 48, e2021GL093133		0
737	Insights into sedimentary provenance and the evolution of the Potiguar Basin, NE Brazil, using UâPb ages and LuâHf isotopes in detrital zircons. **2021**, 131, 105170		0
736	The Geochronology of Tasmanian Tin Deposits Using LA-ICP-MS U-Pb Cassiterite Dating. **2021**, 116, 1387-1407		1
735	Early Mesoproterozoic evolution of midcontinental Laurentia: Defining the geon 14 Baraboo orogeny. **2021**, 12, 101174		9
734	Metasomatized eclogite xenoliths from the central Kaapvaal craton as probes of a seismic mid-lithospheric discontinuity. **2021**, 578, 120286		5
733	High-resolution EBSD and SIMS UâPb geochronology of zircon, titanite, and apatite: insights from the Lac La Moinerie impact structure, Canada. **2021**, 176, 1		2
732	NanoSIMS and EPMA dating of lunar zirconolite. **2021**, 8,		0
731	Crustal reworking and Archean TTG generation in the south GaviÃo Block, SÃo Francisco Craton, Brazil. **2021**, 363, 106333		0
730	In-situ LuHf geochronology of garnet, apatite and xenotime by LA ICP MS/MS. **2021**, 577, 120299		13
729	Rapid fluid-driven transformation of lower continental crust associated with thrust-induced shear heating. **2021**, 396-397, 106216		1
728	Timing of lunar Mg-suite magmatism constrained by SIMS U-Pb dating of Apollo norite 78238. *Earth and Planetary Science Letters*, **2021**, 569, 117046	5.3	1
727	Disclosing Rhyacian/Orosirian orogenic magmatism within the GuanhÃes basement inlier, AraÚaí Orogen, Brazil: A new piece on the assembly of the SÃo Francisco-Congo paleocontinent. **2021**, 363, 106329		2

726	Miocene anatexis, cooling and exhumation in the Khumbu Himal, Nepal. 1-26	0
725	Tracking 40 Million Years of Migrating Magmatism across the Idaho Batholith Using Zircon U-Pb Ages and Hf Isotopes from Cretaceous Bentonites. **2021**, 11, 1011	1
724	A Pilbara perspective on the generation of Archaean continental crust. **2021**, 578, 120326	5
723	Trace element and Pb and Sr isotope investigation of tooth enamel from archaeological remains at El-Kurru, Sudan: Evaluating the role of groundwater-related diagenetic alteration. **2021**, 132, 105068	1
722	Neoarchean Granitoids in the Western Part of the Tunguska Superterrane, Basement of the Siberian Platform: Geochronology, Petrology, and Tectonic Significance. **2021**, 29, 449-474	0
721	TIME CONSTRAINTS ON THE FORMATION OF THE KANDALAKSHA AND KERETSK GRABENS OF THE WHITE SEA PALEO-RIFT SYSTEM FROM NEW ISOTOPIC GEOCHRONOLOGICAL DATA. **2021**, 12, 570-607	2
720	Genesis of the Gentio Metagranitoid: Post-Collisional High-K Plutonism within the Mineiro Belt, SÃ Francisco Craton, Brazil. 1	0
719	Origin, tectonic environment and age of the Bibole banded iron formations, northwestern Congo Craton, Cameroon: geochemical and geochronological constraints. 1-19	2
718	Variscan U-Th-Pb age for stratabound Pb-Zn mineralization in the Bossâ€ dome (Pyrenean Axial Zone). **2021**, 139, 104503	0
717	UâPb zircon eruption age of the Old Crow tephra and review of extant age constraints. **2021**, 66, 101168	0
716	IBERLID: A lead isotope database and tool for metal provenance and ore deposits research. **2021**, 137, 104279	2
715	Intermediate sulfidation epithermal Pb - Zn (´ – Ag ´ – Cu ´ – In) and low sulfidation Au (´ – Pb ´ – Ag ´ – Zn) mineralization styles in the Gonzalito polymetallic mining district, North Patagonian Massif. **2021**, 110, 103388	2
714	Geochemical, geochronological, and isotopic constraints for the Archean metamorphic rocks of the westernmost part of the Carajâ€ Mineral Province, Amazonian Craton, Brazil. **2021**, 110, 103340	1
713	Geochemical and seismic tomography constraints of two-layer magma chambers beneath the bimodal volcanism: A case study of late Cenozoic volcanic rocks from Ulleung Island and Mt. Changbai (Paektu). **2021**, 581, 120386	1
712	U-Pb systematics of uranium-rich apatite from Adirondacks: Inferences about regional geological and geochemical evolution, and evaluation of apatite reference materials for in situ dating. **2021**, 581, 120417	3
711	Genesis of carbonate-hosted Zn-Pb deposits in the Late Indosinian thrust and fold systems: An example of the newly discovered giant Zhugongtang deposit, South China. **2021**, 220, 104914	2
710	The Archean Pavas Block in Uruguay: Extension and tectonic evolution based on LA-ICP-MS UâPb ages and airborne geophysics. **2021**, 110, 103364	0
709	A review of Devonianâ€Carboniferous magmatism in the central region of Argentina, pre-Andean margin of SW Gondwana. **2021**, 221, 103781	4

708	Deciphering early Neoproterozoic and Cambrian high-grade metamorphic events in the Archean/Mesoproterozoic Rauer Group, East Antarctica. **2021**, 365, 106392	1
707	UâPb detrital zircon dating applied to metavolcano-sedimentary complexes of the SW Gabriel Terrane: New constraints on the evolution of the Dom Feliciano Belt. **2021**, 110, 103409	3
706	In situ zircon UPb dating of Jurassic granitoids in North Korea and its tectonic implications. **2021**, 398-399, 106346	2
705	Crustal architecture and structural evolution of a Neoarchean sedimentary basin: geological and geophysical evidence from Metal Earth Chicobi transect in the Abitibi Subprovince, Superior Province, Quebec, Canada. **2021**, 365, 106391	2
704	Late Cretaceous felsic intrusions in oceanic plateau basalts in SW Ecuador: Markers of subduction initiation?. **2021**, 110, 103348	4
703	Evidence of Volatile-Induced Melting in the Northeast Asian Upper Mantle. **2021**, 126, e2021JB022167	1
702	Incipient charnockite formation at the waning stage of Paleoproterozoic hot orogenesis, Yeongnam Massif, Korea. **2021**, 365, 106388	2
701	From peaks to ports: Insights into tin provenance, production, and distribution from adapted applications of lead isotopic analysis of the Uluburun tin ingots. **2021**, 134, 105455	3
700	UNRAVELING MINERALIZATION AND MULTISTAGE HYDROTHERMAL OVERPRINTING HISTORIES BY INTEGRATED IN SITU U-Pb AND Sm-Nd ISOTOPES IN A PALEOPROTEROZOIC BRECCIA-HOSTED IOCG DEPOSIT, SW CHINA. **2021**, 116, 1687-1710	6
699	The significance of galena Pb model ages and the formation of large Pb-Zn sedimentary deposits. **2021**, 583, 120444	4
698	A review of detrital zircon data treatment, and launch of a new tool âDezirteerâalong with the suggested universal workflow. **2021**, 583, 120437	6
697	Working up an Apatite: Enigmatic Mesoarchean Hydrothermal Cu-Co-Au Mineralization in the Pilbara Craton. **2021**, 116, 1561-1573	
696	Indosinian magmaticâhydrothermal metallogenic event in the North Wuyi area, southeastern China: An example from the Chenfang skarn deposit in Jiangxi Province. **2021**, 138, 104386	
695	Paleoproterozoic ca. 2.2 Ga high-Cl metagabbro in the Belomorian province, Eastern Fennoscandian Shield: Origin and tectonic implications. **2021**, 400-401, 106377	1
694	Geochemistry, U Pb geochronology, and Sr-Nd-Hf isotope systematics of a SW-NE transect in the southern Peninsular Ranges batholith, Mexico: Cretaceous magmatism developed on a juvenile island-arc crust. **2021**, 400-401, 106375	3
693	Reconstructing environmental signals across the Permian-Triassic boundary in the SE Germanic Basin: A Quantitative Provenance Analysis (QPA) approach. **2021**, 206, 103631	1
692	Corundum (ruby) growth during the final assembly of the Archean North Atlantic Craton, southern West Greenland. **2021**, 138, 104417	0
691	Pulsed Mesozoic exhumation in Northeast Asia: New constraints from zircon U-Pb and apatite U-Pb, fission track and (U-Th)/He analyses in the Zhangguangcai Range, NE China. **2021**, 818, 229075	2

690	Geochronology, geochemistry and tectonic implications of Variscan granitic and dioritic rocks from the Odenwald-Spessart basement, Germany. **2021**, 404-405, 106454	0
689	Temporal constraints on the Dalazi Biota from Luozigou Basin, northeast China. **2021**, 128, 104977	1
688	New geochronological constraints for the Lower Cretaceous Jiufotang Formation in Jianchang Basin, NE China, and their implications for the late Jehol Biota. **2021**, 583, 110657	4
687	Genesis of the Dingjiashan Pb-Zn-Ag deposit, central Fujian region, SE China: Constraints from geological, mineralogical, geochronological and sulfur isotope data. **2021**, 139, 104446	3
686	Crustal architecture of the southern Tongbai orogen, central China: Insight from migmatites and post-collisional granites. **2021**, 404-405, 106439	
685	U/Pb geochronology of wolframite by LA-ICP-MS; mineralogical constraints, analytical procedures, data interpretation, and comparison with ID-TIMS. **2021**, 584, 120511	4
684	Coexistence of two types of Late Paleocene adakitic granitoid, Soursat complex, NW Iran. **2021**, 404-405, 106438	0
683	Genesis of the Longkouâ€“Tudui gold deposit, Jiaodong Peninsula, eastern China: Constraints from zircon U-Pb dating, fluid inclusion studies and Câ€“Hâ€“Oâ€“S stable isotopes. **2021**, 139, 104449	2
682	Use of high-U hydrothermal apatite containing excess 206Pb to constrain the age of uranium mineralization at the Coles Hill deposit, Virginia, USA. **2021**, 584, 120509	1
681	The â¼8-km Cuesta de Randolfo mylonite zone in Ordovician Famatinian peraluminous granites, NW Argentina: Strain-localization as a function of protolith composition. **2021**, 112, 103561	0
680	Protracted lifespan of the late Mesozoic multistage Qianlishan granite complex, Nanling Range, SE China: Implications for its genetic relationship with mineralization in the Dongpo ore field. **2021**, 139, 104445	1
679	Origin of the post-collisional carboniferous granitoids associated with the Azhahada Cu-Bi deposit in Inner Mongolia, Northeast China and implications for regional metallogeny. **2021**, 139, 104420	1
678	Felsic dyke swarms from central Inner Mongolian: Implications for the Triassic tectonic setting in the southeast Central Asian Orogenic Belt. **2021**, 404-405, 106471	1
677	An exotic Cretaceous kimberlite linked to metasomatized lithospheric mantle beneath the southwestern margin of the Sâ¯ Francisco Craton, Brazil. **2022**, 13, 101281	1
676	Age of the Marwar Supergroup, NW India: A note on the Uâ€“Pb geochronology of Jodhpur Group felsic volcanics. **2022**, 13, 101287	1
675	Paleozoic Alkaline-Mafic Intrusions of the Kuznetsk Alatau, Their Sources and Conditions for Magma Generation. **2021**, 29, 24-53	0
674	Simultaneous determination of Smâ€“Nd isotopes, trace-element compositions and Uâ€“Pb ages of titanite using a laser-ablation split-stream technique with the addition of water vapor.	3
673	Petrogenetic implications and geochronology of middle Miocene Tannayama igneous rocks, Goto Islands, Japan Sea southern margin, northwestern Kyushu, Japan. **2021**, 30, e12390	0

672	The Dongshengmiao ZnâPbâCu Deposit. **2021**, 117-150	
671	Petrology and geochronology on high-pressure pelitic granulite from Bulunkuole complex in West Kunlun and its tectonic implication. **2021**, 37, 563-574	0
670	Late Ediacaran lateral-escape tectonics as recorded by the Patos shear zone (Borborema Province, NE Brazil). **2021**, 51,	3
669	Porphyry-Related Metamorphosed Au-Ag and Cu-Mo Deposits in the Precambrian of the Fennoscandian Shield. **2021**, 11, 139	2
668	Genesis of the Huaniushan Pb-Zn-Ag deposit in Gansu: Constraints from in situ S, Pb isotopes and trace elements. **2021**, 37, 1813-1829	
667	Age and Provenance of the Daur Series Sedimentary Rocks (Riphean), Argun Continental Massif: Results of UâThâPb and LuâHf Isotope Studies of Detrital Zircons. **2021**, 29, 1-7	2
666	Application of Single-Shot Laser Ablation Split-Stream Inductively Coupled Plasma Mass Spectrometry to Accessory Phase Petrochronology. 91-111	1
665	Encyclopedia of Geochemistry. **1999**, 15-16	1
664	Lead isotope ratios as a tracer for contaminated waters from uranium mining and milling. **2006**, 663-670	1
663	Tectonic Model for Development of the Byrd Glacier Discontinuity and Surrounding Regions of the Transantarctic Mountains during the Neoproterozoic âEarly Paleozoic. **2006**, 181-190	9
662	Mass spectrometry: principles and instrumentation. **1987**, 497-522	1
661	Provenance Studies. **2020**, 471-506	1
660	Encyclopedia of Geochemistry. **2016**, 1-5	2
659	Integration of Fission-Track Thermochronology with Other Geochronologic Methods on Single Crystals. **2019**, 93-108	13
658	Dem Euro der Rõmer auf der Spur âBleiisotopenanalysen zur Bestimmung der Metallherkunft rõmischer Mþzen. **2007**, 139-152	1
657	Tectonic Significance and Age of Doleritic Sill Near Bandhalimal in the Singhora Protobasin of Chhattisgarh Basin, Central India. **2011**, 167-187	3
656	A Comparison of Chronometers Applied to Monastery Kimberlite and the Feasibility of U-Pb Ilmenite Geochronology. **2011**, 457-492	2
655	Isotope Geochemistry of Lead. **1979**, 134-153	2

654	Summary of Lead Isotope Data from Ore Deposits of the Eastern and Southern Alps: Some Metallogenetic and Geotectonic Implications. **1983**, 162-168	7
653	The Chemical Composition of Sedimentary Deposits in the Rhenohercynian Belt of Central Europe. **1983**, 211-229	9
652	Mantle Chemistry and Accretion History of the Earth. **1984**, 1-24	67
651	Some Isotopic and Geochemical Constraints on the Origin and Evolution of the Central Andean Basement (19´ °â24´ °S). **1994**, 263-276	9
650	Lead Isotopes in the Chilean Ores. **1990**, 749-758	2
649	Mississippi Valley-Type, Sedex, and Iron Deposits in Lower Cretaceous Rocks of the Basque-Cantabrian Basin, Northern Spain. **1994**, 246-270	9
648	Age and Origin of the Chilka Anorthosites, Eastern Ghats, India: Implications for Massif Anorthosite Petrogenesis and Break-up of Rodinia. **2011**, 355-382	8
647	Geochemical and Geochronological Data from Charnockites and Anorthosites from Indiaâ Kodaikanalâ Palani Massif, Southern Granulite Terrain, India. **2011**, 383-417	1
646	The Plume to Plate Transition: Hadean and Archean Crustal Evolution in the Northern Wyoming Province, U.S.A.. **2014**, 23-54	4
645	Recycling of Lead at Neoarchean Continental Margins. **2014**, 195-213	3
644	Uâ Pb ages of nepheline syenite pegmatites from the Seiland Magmatic Province, N Norway. **1989**, 3-8	34
643	Earth-Atmosphere Evolution Model Based on Ar Isotopic Data. **1978**, 155-171	39
642	Archean crustal lead in the Helena Embayment of the Belt Basin, Montana. **1992**, 699-710	2
641	Geochronology and Nd-Sr systematics of Lusatian granitoids: significance for the evolution of the Variscan orogen in east-central Europe. **1994**, 83, 357-376	21
640	Geochronology of the mid-German crystalline rise west of the River Rhine. **1996**, 85, 761	3
639	Cenozoic ultrahigh-temperature metamorphism in pelitic granulites from the Mogok metamorphic belt, Myanmar. **2021**, 64, 1873-1892	1
638	SUPPLEMENTARY BIBLIOGRAPHY OF STRATA-BOUND AND STRATIFORM ORE DEPOSITS, 1974â1978. **1981**, 1-78	1
637	Long-lived, Eocene-Miocene stationary magmatism in NW Iran along a transform plate boundary. **2020**, 85, 237-262	12

636	Zircon UâPbâHf isotopes and whole rock geochemistry of magmatic rocks from the Posht-e-Badam Block: A key to tectonomagmatic evolution of Central Iran. **2020**, 87, 162-187	3
635	Tracking the birth and growth of Cimmeria: Geochronology and origins of intrusive rocks from NW Iran. **2020**, 87, 188-206	2
634	Zircon age depth-profiling sheds light on the early Caledonian evolution of the Seve Nappe Complex in west-central J□tland. **2020**, 101112	5
633	Generation of post-collisional normal calc-alkaline and adakitic granites in the Tongbai orogen, central China. **2018**, 296-299, 513-531	17
632	Relict zircon U-Pb age and O isotope evidence for reworking of Neoproterozoic crustal rocks in the origin of Triassic S-type granites in South China. **2018**, 300-301, 261-277	9
631	Sedimentary basin controls on orogenic gold deposits: New constraints from U-Pb detrital zircon and Re-Os sulphide geochronology, Lynn Lake greenstone belt, Canada. **2020**, 126, 103790	2
630	Sveconorwegian vs. Caledonian orogenesis in the eastern □garden Complex, SW Norway â□ Geochronology, structural constraints and tectonic implications. **2018**, 305, 1-18	12
629	UâPb ages of detrital zircon grains for the Canastra Group and Passos Nappe units and UâPb and LuâHf isotope analyses from orthogneisses: Provenance and tectonic implications, southern Bras□ia Belt, Brazil. **2020**, 346, 105771	3
628	Early Neoproterozoic assembly of the Yangtze Block decoded from metasedimentary rocks of the Miaowan Complex. **2020**, 346, 105787	4
627	Understanding Preservation of Primary Signatures in Apatite by Comparing Matrix and Zircon-Hosted Crystals From the Eoarchean Acasta Gneiss Complex (Canada). **2020**, 21, e2020GC008923	5
626	Neoproterozoic magmatic evolution of the southern Ouadda□Massif (Chad). **2020**, 191, 34	4
625	Geochronology, geochemistry and zircon Hf isotope constraints on petrogenesis and tectonic setting of Early Permian volcanic rocks from Sonid Youqi area, Solonker Zone. 1-20	2
624	Isotopic Evidence for Early Proterozoic Age of the Idono Complex, West-Central Alaska. **1991**, 99, 209-223	7
623	Stability of Zircon U-Pb Systematics in a Greenschist-Grade Mylonite: An Example from the Rockfish Valley Fault Zone, Central Virginia, USA. **1992**, 100, 593-603	26
622	Precise U-Pb zircon ID-TIMS ages provide an alternative interpretation to early ion microprobe ages and new insights into Archean crustal processes, northern Labrador. **2006**,	4
621	Detrital zircon U-Pb and Lu-Hf analysis of Paleozoic sedimentary rocks from the Pearya terrane and Ellesmerian Fold Belt (northern Ellesmere Island): A comparison with Circum-Arctic datasets and their implications on terrane tectonics. **2019**, 231-254	5
620	Detrital zircon U-Pb geochronological and Hf isotopic constraints on the geological evolution of North Yukon. **2019**, 397-437	4
619	Structural and Thermal Evolution of the Himalayan Thrust Belt in Midwestern Nepal. **2020**, 1-79	7

618	Transcontinental Proterozoic provinces. 171-334	15
617	Tectonics drives rapid exhumation of the western Himalayan syntaxis: Evidence from low-temperature thermochronometry of the Neelum valley region, Pakistan. **2017**, 9, 874-888	5
616	Sm-Nd garnet ages for granulite and eclogite in the Breaksea Orthogneiss and widespread granulite facies metamorphism of the lower crust, Fiordland magmatic arc, New Zealand. **2017**, 9, 953-975	4
615	Sources and Age of the Gold Mineralization of the Irokinda Deposit, Northern Transbaikalia: Evidence from Pb, S, Sr, and Nd Isotope-Geochemical and 39Arâ40Ar Geochronological Data. **2020**, 58, 1208-1227	2
614	Neoproterozoic Age of the Crystalline Basement of the Bogdoingol Block, Dzabkhan Terrane (Central Asian Fold Belt). **2020**, 28, 630-637	5
613	Relations between granitoid magmatism and migmatization: UâPb geochronological evidence from the Western Gneiss Complex, Norway. **2003**, 160, 935-946	41
612	A re-evaluation of a Laxfordian terrane boundary in the Lewisian Complex of South Harris, NW Scotland. **2005**, 162, 401-407	12
611	470 Ma granitoid magmatism associated with the Grampian Orogeny in the Slishwood Division, NW Ireland. **2005**, 162, 563-575	33
610	Evidence for Silurian sinistral accretion of Avalon composite terrane in Canada. **1990**, 147, 927-930	27
609	Age and tectonothermal record of Laurentian basement, Caledonides of NE Greenland. **1993**, 150, 371-379	22
608	Segmentation of the Caledonian orogenic infrastructure and exhumation of the Western Gneiss Region during transtensional collapse. **2021**, 178, jgs2020-199	5
607	Geochronology of granitoids from Psunj and Papuk Mts., Croatia. **2018**, 45, 198-210	1
606	MantleâCrustal Nature of Early Paleozoic Alkaline Intrusions in Central Sangilen, Tuva (from Nd, Sr, Pb, C, and O Isotope Data). **2019**, 60, 451-462	4
605	Geochemistry of Metasedimentary Rocks, Sources of Clastic Material, and Tectonic Nature of Mesozoic Basins on the Northern Framing of the Eastern MongolâOkhotsk Orogenic Belt. **2020**, 61, 286-302	6
604	Accessories zircon(composition, Isotopic age) from enderbites of Lityn block (Ukrainian Sheld). **2015**, 35, 29-36	1
603	PALEOPROTEROZOIC AGE OF PORPHYRY granitEs OF THE JANVAR MASSIF OF THE VOLCHANSKIY BLOCK (AZOV MEGABLOCK). **2019**, 41, 40-49	1
602	Zircon geochronology of the âKkkt quartz porphyryâBalaton Highland, Transdanubian Central Range, Hungary. **2004**, 47, 139-149	5
601	U-Pb (LA-ICP-MS) of detrital zircon and whole rock Nd and geochemical constraints on the provenance, depositional age and tectonic setting of the metasedimentary PiriBasin, northern Brazil: implications for the evolution of the Gurupi Belt. **2016**, 46, 123-144	6

600	Rhyacian evolution of the eastern São Luís Craton: petrography, geochemistry and geochronology of the Rosário Suite. **2017**, 47, 275-299	6
599	Detrital zircon records of the Paleo-Mesoproterozoic rift-sag Tamanduá Group in its type-section, Northern Quadrilátero Ferrífero, Minas Gerais, Brazil. **2020**, 50,	0
598	Aportes al conocimiento del plutonismo del Arco Mocoa- Santa Marta durante el Jurásico Temprano-Medio, en la margen noroccidental de los Andes, Colombia. **2020**, 42, 15-50	2
597	Nature of zircon clastics in the Riphean and Vendian sandstones of the Southern Urals. **2019**, 21, 15-25	6
596	Middle-Late Triassic magmatic records for the accretionary processes of South Qiangtang accretionary terrane: The mafic dykes in Mayigangri-Jiaomuri area, North Tibet. **2019**, 35, 760-774	7
595	The genesis of Denggezhuang gold deposit in Jiaodong: Constraints from multigeological chronology and isotope system. **2019**, 35, 1532-1550	4
594	Chronology progress of the Guandaokou and Luoyu groups in the southern margin of North China Craton: Constraints on zircon U-Pb dating of tuff by means of the SHRIMP. **2019**, 35, 2470-2486	11
593	The effect of relative measured position on zircon SIMS U-Pb dating. **2019**, 35, 2615-2624	3
592	Titanite geochronology and geochemistry of the Cenozoic alkali-rich intrusions in the Ailaoshan-Red River Shear Zone, Yunnan Province. **2020**, 36, 2751-2764	1
591	Features of dike magmatism in the Northern frame of the Pechenga structure. **2019**, 22, 48-63	1
590	The Neoproterozoic and Early Paleozoic geological history of the Ural-Kazakhstan margin of the Paleoasian Ocean using new isotopic and geochronological data obtained for the Polar Ural region. **2005**, 7, 1-13	2
589	New constraints on shergottite petrogenesis from analysis of ´ Pb isotopic compositional space: Implications for mantle heterogeneity and crustal assimilation on Mars. **2017**, 51, 81-94	3
588	A practical method for calculating the U-Pb age of Quaternary zircon: Correction for common Pb and initial disequilibria. **2018**, 52, 281-286	27
587	Evaluation of time-resolved mean-of-ratios reduction for laser ablation zircon U-Pb dating using quadrupole ICPMS. **2018**, 52, 241-254	7
586	UâPb zircon geochronology in the western part of the Rayner Complex, East Antarctica. **2016**, 111, 104-117	8
585	Extensive charnockitic-granitic magmatism in the crystalline crust of West Lithuania. **2008**, 50, 1-16	11
584	U-pb dating of niobium minerals from pyrochlor group (ilmeno-vishnevogorsk carbonatitis-miaskite complex, of the southern urals). **2018**, 758-773	1
583	Detrital Zircon U-Pb geochronology and provenance of the Eocene Willwood Formation, Northern Absaroka Basin, Wyoming. **2017**, 54, 104-124	6

582	Detrital zircon geochronology of quartzite clasts in the Permian Abo Formation, Sacramento Mountains, New Mexico, USA. **2017**, 54, 53-68	3
581	Detrital zircon geochronology of the Aycross Formation (Eocene) near Togwotee Pass, western Wind River Basin, Wyoming. **2017**, 54, 69-85	3
580	Detrital zircon geochronology and provenance of the Middle Cambrian Flathead Sandstone, Park County, Wyoming. **2017**, 54, 86-103	15
579	Geochronology of the southern margin of the Bighorn Batholith, Wyoming. **2019**, 56, 267-294	5
578	Constraining Sinistral Shearing in NW Ireland: A Precise UâPb Zircon Crystallisation Age for the Ox Mountains Granodiorite. **2005**, 23, 55-63	5
577	EMPLACEMENT CONDITIONS OF A PORPHYRITIC FELSITE DYKE AND TIMING OF MOTION ALONG THE COOLIN FAULT AT BEN LEVY, CO. GALWAY. **2011**, 29, 1-13	5
576	An Early Proterozoic U-Pb zircon age from an Eskolabreen Formation gneiss in southern Ny Friesland, Spitsbergen. **1993**, 12, 147-152	8
575	Grenvillian U-Pb zircon ages of quartz porphyry and rhyolite clasts in a metaconglomerate at Vimsodden, southwestern Spitsbergen. **1995**, 14, 291-302	12
574	Grenvillian single-grain zircon Pb age of a granitic rock from the southern island of Hesteskoholmen, Liefdefjorden, northwestern Spitsbergen, Svalbard. **1998**, 17, 147-154	8
573	Single-zircon Pb-evaporation and 40Ar/39Ar dating of the metamorphic and granitic rocks in north-west Spitsbergen. **2002**, 21, 73-89	9
572	Mykert-Sanzheevka Field of Polycomponent Ores (Pb, Zn, Ag, Au, PGE): Geologic-Substance Characteristics and Formation Features of Ore-Forming System. **2020**, 10, 1-23	3
571	Geochemistry and Geochronology of Peraluminous High-K Granitic Leucosomes of Yaoundé Series (Cameroon): Evidence for a Unique Pan-African Magmatism and Melting Event in North Equatorial Fold Belt. **2012**, 03, 525-548	29
570	New detrital zircon U-Pb ages from BIF-related metasediments in the Ntem Complex (Congo craton) of southern Cameroon, West Africa. **2013**, 05, 835-847	4
569	New U-Pb and Sm-Nd Data and REE Distribution in Sulphides of Paleoproterozoic PGE Layered Intrusions in the Arctic Part of the Fennoscandian Shield. **2019**, 09, 768-782	1
568	The Oldest Grey Gneisses and Tonalite-Trondhjemite Granodiorites in the Fennoscandian Shield: ID-TIMS and SHRIMP Data. **2020**, 10, 124-136	3
567	Three Distinct Shallow Marine Cretaceous Units in Western Shikoku and the U–Pb Age Spectra of Their Detrital Zircons:. **2016**, 125, 717-745	18
566	Evolution of the Forearc Crust of Paleozoic Japan: UâPb Dating of Zircons from Mid-Paleozoic Granitoids and Sandstones of the Kurosegawa Belt in West-central Kochi Prefecture. **2017**, 126, 617-640	10
565	Unifying the UâPb and ThâPb methods: joint isochron regression and common Pb correction. **2020**, 2, 119-131	6

564	Highly accurate dating of micrometre-scale baddeleyite domains through combined focused ion beam extraction and UâPb thermal ionization mass spectrometry (FIB-TIMS). **2020**, 2, 177-186	3
563	Multimethod UâPb baddeleyite dating: insights from the Spread Eagle Intrusive Complex and Cape St. Mary's sills, Newfoundland, Canada. **2020**, 2, 187-208	2
562	Laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) UâPb carbonate geochronology: strategies, progress, and limitations. **2020**, 2, 33-61	56
561	High-precision ID-TIMS cassiterite UâPb systematics using a low-contamination hydrothermal decomposition: implications for LA-ICP-MS and ore deposit geochronology. **2020**, 2, 425-441	9
560	Cenozoic deformation in the Tauern Window (Eastern Alps) constrained by in situ Th-Pb dating of fissure monazite. **2020**, 11, 437-467	4
559	High-temperature metamorphism during extreme thinning of the continental crust: a reappraisal of the north Pyrenean paleo-passive margin.	9
558	An Archean Porphyry-Type Gold Deposit: The C[illegible]Gold Au(-Cu) Deposit, Swayze Greenstone Belt, Superior Province, Ontario, Canada. **2021**, 116, 47-89	5
557	Hypogene Evolution of the Escondida Porphyry Copper Deposit, Chile. **2005**, 141-165	2
556	Dzhezkazgan and Associated Sandstone Copper Deposits of the Chu-Sarysu Basin, Central Kazakhstan. **2012**,	1
555	U-Pb zircon dating using Nd-YAG (213 nm) Laser ablation-ICP-MS, and evaluating the consistency with SHRIMP dating. **2012**, 118, 762-767	21
554	Zircon LA-ICP-MS U-Pb age of a tuff from the Akaiwa Formation of the Tetori Group in the Shiramine area, Ishikawa Prefecture, central Japan. **2019**, 125, 255-260	5
553	GENERAL PB-ISOTOPE SYSTEMATICS OF SOURCES FOR VOLCANIC ROCKS OF THE LATEST GEODYNAMIC STAGE IN ASIA. **2019**, 10, 507-539	2
552	Enlargement of the area of the Timpton Large Igneous Province (ca. 1.75 ga) of the Siberian craton. **2019**, 10, 829-839	4
551	Jurassic (~170Ma) Zircon U-Pb Age of a "Granite Boulder" in the Geumgang Limestone, Ogcheon Metamorphic Belt, Korea: Reinterpretation of its Origin. **2016**, 25, 29-37	1
550	Evidence of Paleoproterozoic phosphogenesis in the Salvador-Curaá Orogen (Tanque Novo-Ipirá Complex), northeastern São Francisco Craton, Brazil. **2021**, 51,	
549	Zircons from the Wambidgee Serpentinite Belt, southern Lachlan Orogen: evidence for oceanic crust at the CambrianâOrdovician boundary. 1-13	1
548	Geochemical and Isotopic Evolution of Late Oligocene Magmatism in Quchan, NE Iran. **2021**, 22, e2021GC009973	3
547	Pb-Pb and U-Pb Dating of Cassiterite by In Situ LA-ICPMS: Examples Spanning ~1.85 Ga to ~100 Ma in Russia and Implications for Dating Proterozoic to Phanerozoic Tin Deposits. **2021**, 11, 1166	0

546	Cleaning up the record â revised U-Pb zircon ages and new Hf isotope data from southern Sweden. 1-32		1
545	Deciphering crustal growth in the southernmost Arabian Shield through zircon U-Pb geochronology, whole rock chemistry and Nd isotopes. 1-19		1
544	Age constraints for the Trachilos footprints from Crete. **2021**, 11, 19427		1
543	Cenozoic structural evolution of the Catalina metamorphic core complex and reassembly of Laramide reverse faults, southeastern Arizona, USA.		0
542	Intracontinental rift-related magmatism in the eastern Emeishan Large Igneous Province traced by zircon oxygen isotopes. **2021**, 106515		
541	New SIMS zircon U-Pb ages and oxygen isotope data for ophiolite nappes in the Eastern Desert of Egypt: Implications for Gondwana assembly. **2021**,		2
540	Apatite U-Pb Thermochronology: A Review. **2021**, 11, 1095		3
539	Polyphase post-Variscan thinning of the North Pyrenean crust: Constraints from the P-T-t-deformation history of the exhumed Variscan lower crust (Saleix Massif, France). **2021**, 820, 229122		1
538	Early Ordovician Age of Fluorite-Rare-Metal Deposits at the Voznesensky Ore District (Far East, Russia): Evidence from Zircon and Cassiterite UâPb and Fluorite SmâNd Dating Results. **2021**, 11, 1154		0
537	Slow crystal settling controls the diversity of high-silica granites of the Late Cretaceous Shengsi Pluton at northeastern tip of southeast China. **2022**, 223, 104986		0
536	Genesis of the early mesozoic granitoids at the Hardat Tolgoi Ag-Pb-Zn deposit in East Ujimqin Banner, Inner Mongolia, NE China: Insights from whole-rock geochemistry, zircon U-Pb-Hf isotopes, and Pb-Si systematics. **2021**, 139, 104530		
535	Mineralogy and geochemistry of tellurides and pyrite from the Laowan AuâAgâTe deposit, QinlingâDabie orogenic belt, central China: Implications for ore genesis. **2021**, 139, 104519		
534	The onset of the right-lateral strike-slip setting recorded in magnetic fabrics of A-type granite plutons of the Ribeira belt (SE Brazil). **2021**, 366, 106417		1
533	Petrogenesis of Paleoproterozoic alkali-feldspar granites associated with alkaline rocks from the Trans-North China Orogen. **2021**, 366, 106427		1
532	Impact-related crystallization and modification of small zircons in Apollo 15 and 16 impactites at 4.2 Ga. *Earth and Planetary Science Letters*, **2021**, 576, 117216	5.3	0
531	Dating martian mafic crust; microstructurally constrained baddeleyite geochronology of enriched shergottites Northwest Africa (NWA) 7257, NWA 8679 and Zagami. **2021**, 315, 73-88		0
530	Magma evolution and Cu-Au mineralization potential of the Upper Devonian-Lower Carboniferous Tulasu basin, Western Tianshan Orogen (NW China): Apatite U-Pb dating and geochemical perspectives. **2021**, 139, 104526		3
529	Early stages in the development of the earth-moon system. **2001**, 19, 817-843		

528	Redistribution of Radiogenic Lead in Plagioclase during Shock Metamorphism. **2003**, 163-179	
527	Single-grain zircon dating of the metamorphic and granitic rocks from the Biscayarhalvÿa-Holtedahlfonna zone, north-west Spitsbergen. **2003**, 22, 247-265	5
526	Characteristics and Formation of the Jerêimo Carbonate-Replacement Gold Deposit, Potrerillos District, Chile. **2005**, 75-95	
525	Mineralizing age and ore-forming fluid evolution in the Rushan lode gold deposit, Jiaodong Peninsula, eastern China. **2005**, 973-976	4
524	Chapter 9:Lead Isotope Geochemistry and the Trade in Metals. **2008**, 302-345	1
523	Age of felsic volcanism in the Selitkan zone of the Khingan-Okhotsk volcanoplutonic belt, Russian Far East. **2010**, 418, 28	
522	Enderbites of the Gremikha area, Murmansk domain: U-Pb and Sm-Nd data. **2010**, 418, 76	
521	Process of Earth's Core Separation. **2011**, 113-157	
520	Encyclopedia of Geobiology. **2011**, 516-520	
519	Chemical Composition and Age of Uraninite of the Zhovta Richka Uranium Deposit (Ukraine). **2012**, 153-161	
518	Analytical Methods. **2014**, 21-24	
517	URANIUM-, THORIUM- AND LEAD-ISOTOPE STUDIES OF STRATA-BOUND ORES. **1976**, 267-316	
516	Zur Korrelation geochemischer Charakteristika der Blei-Zink-Lagerstätte Bleiberg-Kreuth mit anderen schichtgebundenen Vererzungen in Karbonatgesteinen. **1978**, 131-158	1
515	Lead Isotope Constraints on the Early History of the Earth. **1978**, 207-224	
514	Uniformitarianism and Ore Genesis. **1982**, 667-674	
513	Geochemical Indicator Parameters of Lead-Zinc Ore Deposits in Carbonate Rocks. **1984**, 294-305	5
512	The Pb-Zn-Deposits of Keban (SE-Taurus Mountains) and its Position in the Aegean-Tauriden Metallogenetic Province. **1986**, 75-85	
511	Mass spectrometry: principles and instrumentation. **1987**, 497-522	1

510 Isotope Geochemistry of the Dachang Tin-Polymetallic Ore-Field. **1988**, 411-421

509 Pre-Alpidic Ore Deposits in the Central, Eastern and Southern Alps. **1993**, 145-162

508 Geochronology and Nd-Sr systematics of Lusatian granitoids: significance for the evolution of the Variscan orogen in east-central Europe. **1994**, 357-376 0

507 Pb-Pb single-zircon single grain ages of granitoid boulders from the Vendian tillite of Wahlenbergfjorden, Nordaustlandet, Svalbard. **1998**, 17, 71-80 5

506 Some Critical Interpretations and Misinterpretations of Lunar Features. **2015**, 117-234

505 Uraniumâ□lead, Rubidium-Strontium, Kimberlite. **2015**, 907-914

504 High-grade deformation in quartzo-feldspathic gneisses during the early Variscan exhumation of the Cabo Ortegal nappe, NW of Iberia.

503 [illegible] **2017**, 281-297

502 [illegible] **2017**, 669-675

501 [illegible] U-PB, ID-TIMS) [illegible] **2017**, 595-599

500 [illegible] **2017**, 174-180

499 [illegible] **2017**, 181-185

498 Pb-Pb [illegible] **2017**, 1027-1040

497 [illegible] **2017**, 301-305

496 [illegible] **2017**, 19-43 1

495 [illegible] **2017**, 56

494 [illegible] **2017**, 470-500

493 [illegible] **2017**, 800-810

492	[illegible] **2017**, 185-191	
491	[illegible] **2017**, 214	
490	U-Pb age of two-feldspar granite of the Vishnevoe massif of the Slavgorod block (Middle-Dnieper megablock of the Ukrainian Shield). **2017**, 51-56	0
489	A preliminary report on new Ediacaran fossils from Iran. **2018**, 42, 230-243	2
488	Isotope-geochronological study of Ingozero massive (the Kola Peninsula). **2018**, 21, 51-60	
487	Encyclopedia of Geochemistry. **2018**, 813-818	
486	Neoarchean supra-subduction gold in Mesoarchean tonalite-granodiorite: Two separate mineralization events at Hammond Reef defined by disseminated and channelized fluid flow. **2018**, 305, 111-124	
485	The first data on possible Mezozoic magmatism within the Western slope of the Southern Urals. **2018**, 24-34	
484	Reconnaissance reassessment of the late Eocene Oceanic unit, Barbados: Microtektite geochemistry, zircon U-Pb geochronology, micropaleontology, and provenance. **2019**, 333-346	
483	Zircon U–Pb ages of the Ryoke granitoids from the Takanawa Peninsula, northwest Shikoku, southwest Japan. **2019**, 114, 284-289	1
482	Geochemistry, Sm-Nd isotopes and SHRIMP U-Pb geochronology of the Morro do Coco Granite (RJ, Brazil): another piece of the post-collisional magmatism of the Ribeira Belt. **2019**, 49,	0
481	Baddeleyite from Large Complex Deposits: Significance for Archean-Paleozoic Plume Processes in the Arctic Region (NE Fennoscandian Shield) Based on U-Pb (ID-TIMS) and LA-ICP-MS Data. **2019**, 09, 474-496	
480	New Geochronological and Lead Isotopic Data for Porphyry-Skarn Cu-Mo-Au Deposits in the Andahuaylas-Yauri Batholith, Southeastern Part of Peru. **2019**, 32, 71-77	
479	Age, geochemistry, and significance of Devonian felsic magmatism in the North Slope subterrane, Yukon, Canadian Arctic. **2019**, 593-618	1
478	Preliminary detrital zircon U-Pb Geochronology of the Wasatch Formation, Powder River Basin, Wyoming. **2019**, 56, 247-266	0
477	Ages and sources of detrital zircons from the Early Mesozoic metasedimentary rocks of the Unâ-Bom terrane of the Mongol-Okhotsk fold belt: results of U-Th-Pb and Lu-Hf isotope studies. **2019**, 10, 801-813	
476	Recent advancements in geochronology, geologic mapping, and landslide characterization in basement rocks of the San Gabriel Mountains block. **2020**, 21-93	
475	Age, composition, and source of the Macururé Mafic Suite, Southern Borborema Province, Brazil. **2020**, 50,	0

474	MEZOPROTEROZOIC BASITE MAGMATISM OF THE BASHKIRIAN MEGANTICLINORIUM (SOUTHERN URALS): AGE CONSTRAINTS, PETROLOGICAL AND GEOCHEMICAL FEATURES. **2020**, 11, 219-243	
473	AGE OF THE AMNUNAKTA MONZOGABBRO-MONZODIORITE MASSIF IN THE SOUTHERN FRAMING OF THE SIBERIAN CRATON. **2020**, 11, 296-301	
472	Hydrochemical impact of a mantle plume recorded by petrology, geochemistry, and UPb geochronology of a calcite vein within the Ottawa-Bonnechere graben, Ontario, Canada. **2021**, 586, 120582	1
471	U-Pb ID-TIMS reference ages and initial Pb isotope compositions for Durango and Wilberforce apatites. **2021**, 120604	3
470	Geochemical and geochronological study of rodingites from the northeast India ophiolites: Petrogenetic significance and timing of rodingitization.	3
469	Petrogenesis of the Early-Middle Triassic high-Mg andesitic rocks in the southern margin of the South China Block: Implications for the convergence between the South China and Indochina Blocks. **2021**, 104994	2
468	Protoliths and metamorphism of the central Himalayan eclogites: Zircon/titanite UâPb geochronology, Hf isotope and geochemistry. **2021**,	0
467	The Revsegg and Kvitenut Allochthons, Scandinavian Caledonides: origins and evolutions in the Caledonian Wilson cycle. jgs2021-062	
466	The Nizâ□avr Alkaline Pluton: Age, Isotope Characteristics, and Rare-Metal Mineralization. **2020**, 62, 564-573	
465	Age and composition of Neoproterozoic diabase dykes in North Altyn Tagh, northwest China: implications for Rodinia break-up. 1-17	6
464	Petrogenesis of Pleistocene Basalts from the Western Snake River Plain, Idaho. **2021**, 62,	
463	Petrogenesis and economic potential of the Obatogamau Formation, Chibougamau area, Abitibi greenstone belt. 1-23	0
462	Petrogenesis and U Pb (titanite) age of Cu Ag skarn mineralization in the McKenzie Gulch area, northern New Brunswick, Canada. **2022**, 232, 106902	
461	U-Pb SHRIMP dating of the Itabaiana Dome: a Mesoarchean basement inlier (2.83 Ga) in the Sergipano Orogenic System, Borborema Province. **2020**, 50,	1
460	In situ U-Pb dating of titanite by LA-SF-ICP-MS and insights into titanite crystallization and closure temperature. **2020**, 36, 2983-2994	0
459	Geology, geochronology Pb-Pb, U-Pb-Hf zircon and Sm-Nd TDM of the Uruburetama batholith, Northern Borborema Province: contextualization in the Santa Quitŕia Magmatic Arc. **2020**, 50,	
458	Geochemical characteristics and petrogenesis of Late Cretaceous hypersthene-bearing intrusive rocks in the Gangdese batholith, southern Tibet. **2020**, 36, 2667-2700	2
457	Tectonic-thermal constraints on the Pb-Zn ore deposits from southeastern French Central Massif by K-Ar and Pb-Pb dating of illite. **2020**, 28, 307-321	

456	The first results of isotopic (U-Pb, ID-TIMS) dating of individual zircon grains from dolerite dikes of the Eastern zone of the Urals. **2020**, 20, 224-230	
455	First Results of U□Th□Pb (SIMS) Geochronological Study of Zircon from Serpentinized Ultramafic Rocks of the Tekturmas Ophiolite Zone (Central Kazakhstan). **2021**, 500, 826-832	
454	Identification of ca. 520 Ma mid-ocean-ridge□type ophiolite suite in the inner Cathaysia block, South China: Evidence from shearing-type oceanic plagiogranite.	1
453	Basin response to the Jurassic geodynamic turnover from flat subduction to normal subduction in South China.	0
452	Multistage Genesis of the Haerdaban Pb-Zn Deposit, West Tianshan: Constraints From Fluid Inclusions and H-O-S-Pb Isotopes. **2021**, 9,	0
451	Genesis of the gold deposits in the Kunlun River area, East Kunlun, Qinghai Province: Constraints from geology, fluid inclusions and isotopes. **2021**, 139, 104564	4
450	Growth and thermal maturation of the Toba magma reservoir. **2021**, 118,	1
449	Regionally continuous Miocene rhyolites beneath the eastern Snake River Plain reveal localized flexure at its western margin: Idaho National Laboratory and vicinity. **2020**, 57, 241-270	
448	Isotopic composition of lead from dikes and ores of the Vorontsovkoe gold deposit (Northern Urals). **2020**, 20, 386-396	
447	7.2.2.16 Dating of cosmic and geologic events. 582-584	
446	7.2.4 References for 7.2. 594-599	
445	A History of Satellite Capture Studies As Experienced by the Author: A Chronology of Events that Eventually led to a Somewhat Comprehensive Gravitational Satellite Capture Model. **2021**, 201-245	
444	Tectono-metamorphic evolution of the continental units´ along the edge between Alpine and Hercynian Corsica.	0
443	New geochronology of the Lower Cretaceous in the Luanping Basin, northern Hebei: Age constraints on the development of early Jehol Biota. **2022**, 586, 110768	0
442	Evidence for change in crust formation process during the Paleoarchean in the S□ Francisco Craton (Gavi□ Block): Coupled zircon Lu-Hf and U-Pb isotopic analyses and tectonic implications. **2022**, 368, 106472	1
441	Tectonic transition from Ediacaran continental arc to early Cambrian rift in the NE Ardakan region, central Iran: Constraints from geochronology and geochemistry of magmatic rocks. **2022**, 224, 105011	0
440	Petrogenesis of the Permian Luotuoshan sulfide-bearing mafic-ultramafic intrusion, Beishan Orogenic Belt, NW China: evidence from whole-rock Sr□Nd□Pb and zircon Hf isotopic geochemistry. **2022**, 233, 106920	1
439	U-Pb Geochronology and Hf Isotope Geochemistry of the Turtleback Complex and East Sound Group, San Juan Islands, Northwestern North American Cordillera. **2021**, 2021,	

438	Inter-cratonic geochronological and geochemical correlations of the Derim DerimâCaliwinku/Yanliao reconstructed Large Igneous Province across the North Australian and North China cratons. **2021**, 103, 473-473	1
437	Lead isotope evolution during the multi-stage core formation. **2021**,	
436	Detrital geochronology and lithologic signatures of Weddell Sea Embayment ice streams, AntarcticaâImplications for subglacial geology and ice sheet history.	0
435	Revised Maximum Depositional Age for the Ediacaran Browns Hole Formation: Implications for Western Laurentia Neoproterozoic Stratigraphy. **2021**, 2021,	2
434	From microanalysis to supercontinents: Insights from the Rio Apa Terrane into the Mesoproterozoic SW Amazonian Craton evolution during Rodinia assembly.	1
433	Timing and tectonic setting of tin mineralization in southern Myanmar: constraints from cassiterite and wolframite UâPb ages. 1	0
432	Provenance Shifts During Neogene Brahmaputra Delta Progradation Tied to Coupled Climate and Tectonic Change in the Eastern Himalaya. **2021**, 22, e2021GC010026	1
431	Structural and Thermal Evolution of an Infant Subduction Shear Zone: Insights From Sub-Ophiolite Metamorphic Rocks Recovered From Oman Drilling Project Site BT-1B. **2021**, 126, e2021JB021702	3
430	Geochronology of granites of the western Korosten AMCG complex (Ukrainian Shield): implications for the emplacement history and origin of miarolitic pegmatites. **2021**, 33, 703-716	3
429	Garnet and titanite UâPb dating of the Kaladawan FeâMo orefield in the Altyn Mountains, NW China: Constrains for ore genesis. **2021**, 140, 104575	
428	The Westwood Deposit, Southern Abitibi Greenstone Belt, Canada: An Archean Au-Rich Polymetallic Magmatic-Hydrothermal SystemâPart II. Hydrothermal Alteration, Mineralization, and Geologic Model.	0
427	Recalibrating the Devonian time scale: A new method for integrating radioisotopic and astrochronologic ages in a Bayesian framework.	1
426	The Quaternary Kurobegawa Granite: an example of a deeply dissected resurgent pluton. **2021**, 11, 22059	2
425	Whether short-lived or prolonged duration of multistage combined magmatic and hydrothermal events in the giant Chalukou porphyry Mo deposit, China. **2021**, 140, 104576	1
424	U-Pb (ID-TIMS) Geochronological Studies of High-Uranium Metamict Zircons: New Opportunities of Familiar Approaches. **2021**, 29, 676-685	0
423	The protoliths of central Himalayan eclogites.	2
422	Buried Triassic rocks and vertical distribution of ores in the giant Jiaodong gold province (China) revealed by apatite xenocrysts in hydrothermal quartz veins. **2021**, 140, 104612	4
421	Mobilization and fractionation of Ti-Nb-Ta during exhumation of deeply subducted continental crust. **2021**, 319, 271-271	1

420	Detrital zircon UâPb age analysis of last glacial loess sources and proglacial sediment dynamics in the Northern European Plain. **2021**, 274, 107265	3
419	Ediacaran bimodal volcanism in the southernmost Dom Feliciano Belt, Uruguay: Implications for the evolution of SW Gondwana. **2021**, 406-407, 106539	0
418	Applications of Pb isotopes in granite K-feldspar and Pb evolution in the Yilgarn Craton. **2021**,	0
417	On the origin and evolution of the 1.86â1.76´ Ga Mid-Baltic Belt in the western East European Craton. **2021**, 367, 106403	4
416	Lead Isotopic Fingerprinting as a Tracer to Identify the Sources of Heavy Metals in Sediments from the Four River Inlets to Dongting Lake, China.	
415	New Findings of Ancient Greek Silver Sources.	0
414	Wildfires and Monsoons: Cryptic Drivers for Highly Variable Provenance Signals within a Carboniferous Fluvial System. **2022**, 12, 20	0
413	Evaluating sediment recycling through combining inherited petrogenic and acquired sedimentary features of multiple detrital minerals.	1
412	Evaluation of Pb isotope systematics and metal sources of the Biga Pbâ Zn Province (NW Turkey) and comparison with the Pb isotope systematics of the Rhodope Massif. **2022**, 187, 104445	
411	Timing and duration of discrete tectono-metamorphic events of the polymetamorphic high-grade Central zone of the Limpopo Belt (South Africa): Insight from in situ geochronology of monazite and zircon. **2022**, 368, 106469	0
410	Middle Albian provenance, sediment dispersal and foreland basin dynamics in southwestern Montana, North American Cordillera.	1
409	Apatites for destruction: Reference apatites from Morocco and Brazil for U-Pb petrochronology and Nd and Sr isotope geochemistry. **2022**, 590, 120689	2
408	Neoarchean arc magmatism and Paleoproterozoic high-pressure granulite-facies metamorphism in the southern Motloutse Complex, eastern Botswana: Implications for the western extension of the Limpopo Complex. **2022**, 369, 106534	2
407	A new 1.32´ Ga Tianshui mafic sill in the Liaodong area and its relations to the Yanliao large igneous province in the northern North China Craton. **2022**, 369, 106535	0
406	Closing the âNorth American Magmaticâ Gap: Crustal evolution of the Clearwater Block from multi-isotope and trace element zircon data. **2022**, 369, 106533	2
405	Incised Late Bronze Age lead ingots from the southern anchorage of Caesarea. **2022**, 41, 103321	0
404	Geochronological characterization of Llallagua altered porphyry and hydrothermal vein assemblages from selected phosphate minerals and zircon. **2022**, 410-411, 106584	
403	An apatite to unravel petrogenic processes of the Nova-Bollinger Ni-Cu magmatic sulfide deposit, Western Australia. **2022**, 369, 106524	0

402	Protracted mafic magmatism and two-stage mineralization of the Kalatongke Cu-Ni sulfide deposit in the Central Asian Orogenic Belt. **2022**, 141, 104669	1
401	Andean fingerprint on placer sands from the southern Brazilian coast. **2022**, 428, 106061	2
400	Matrix effects during in situ U-Pb dating of perovskite with variable crystal structure: Evidence from the Tazheran Massif, Russia. **2022**, 589, 120685	1
399	The provenance of late Cenozoic East Asian Red Clay: Tectonic-metamorphic history of potential source regions and a novel combined zircon-rutile approach. **2022**, 225, 103909	2
398	Geochemical, isotopic and U-Pb geochronological investigation of the late Cretaceous Karaöy ˜ –r carbonatite (Sivas, Turkey): Insights into mantle sources within a post-collisional tectonic setting. **2022**, 141, 104650	0
397	Integrated geological-geophysical investigation of gold-hosting Rhyacian intrusions (Yaou, French Guiana), from deposit-to district-scale. **2022**, 114, 103708	
396	Lithogeochemical and isotopic characterization of Devonian molybdenite mineralization in the Pabineau Falls Granite, northeastern New Brunswick, Canada. **2022**, 234, 106925	
395	A late Carboniferous bimodal volcanic suite before closure of the North Tianshan Ocean at the southwestern margin of the Central Asian Orogenic Belt. **2022**, 226, 105090	2
394	Van Canh Triassic granite in the Kontum Massif, central Vietnam: Geochemistry, geochronology, and tectonic implications. **2022**, 7, 100075	1
393	Pirin metamorphic and igneous evolution revisited in a geochronological frame based on U-Pb zircon studies. **2017**, 46, 27-63	2
392	??????????????:S-C-O-Pb-Sr?????. **2021**, 46, 4316	
391	The origin of igneous rock gravels of the Miocene Myojin Formation (Kuma Group), northwestern Shikoku. **2021**, 127, 563-574	
390	Implications for sedimentary transport processes in southwestern Africa: a combined zircon morphology and age study including extensive geochronology databases. **2022**, 111, 767	0
389	Origin of bimodal rear-arc volcanism, Trans-Mexican Volcanic Belt eastern sector: Geochemical and isotopic evidence from the Quaternary Xihuingo-La Paila Volcanic Field.	
388	A two-stage, fault-controlled paleofluid system at the southern termination of the Gypsum Valley salt wall, Paradox Basin, Colorado, USA.	
387	First evidence for Neoproterozoic rocks offshore South-East Greenland. 1-15	
386	The initial stage of Early Carboniferous rifting in the Southern Urals: fi rst results of zircon U-Pb dating from granitoids of Neplyuevka complex. **2022**, 1, 40-48	1
385	Two reliable calibration methods for accurate in situ UâPb dating of scheelite. **2022**, 37, 358-368	0

384	Metamorphic Hydrothermal (Orogenic-Type) Systems. **2022**, 625-764		
383	U-Pb-Hf isotopes and shape parameters of zircon from the Mozaan Group (South Africa) with implications for depositional ages, provenance and Witwatersrand â Pongola Supergroup correlations. **2022**, 368, 106500		2
382	Two Contrasting Exhumation Scenarios of Deeply Subducted Continental Crust in North Pakistan. **2022**, 23,		0
381	Tracing southern Gondwanan sedimentary paths: A case study of northern Namibian late Palaeozoic sedimentary rocks.		0
380	Natural Allanite Reference Materials for In Situ U-Th-Pb and Sm-Nd Isotopic Measurements by LA-(MC)-ICP-MS.		1
379	Mafic dykes of the southeastern Gawler Craton: ca 1564 Ma magmatism with an enriched mantle source. 1-22		0
378	Low- 18O Neoarchean precipitation recorded in a 2.67 Ga magmatic-hydrothermal system of the Keivy granitic complex, Russia. *Earth and Planetary Science Letters*, **2022**, 578, 117322	5.3	2
377	Pb isotope insight into the formation of the Earth's first stable continents. *Earth and Planetary Science Letters*, **2022**, 578, 117319	5.3	0
376	In situ UâPb geochronology of vesuvianite by LA-SF-ICP-MS. **2022**, 37, 69-81		0
375	New findings of ancient Greek silver sources. **2022**, 137, 105474		1
374	Giant Quartz Veins of the Bundelkhand Craton, Indian Shield: New Geological Data and U-Th-Pb Age. **2022**, 12, 168		5
373	Assessing the U-Pb, Sm-Nd and Sr-Sr Isotopic Compositions of the Sum Apatite as a Reference Material for LA-ICP-MS Analysis.		0
372	U-Pb Zircon Geochronology From the Northern Cordillera, Central Yukon, With Implications for Its Tectonic Assembly. **2022**, 41,		1
371	Origin of the subduction-related Late Carboniferous dacitic tuffs associated with the Bailingshan Fe deposit in Eastern Tianshan, NW China: Geochronological, geochemical, and Sr-Nd-Hf-O isotopic constraints. **2022**, 142, 104725		
370	Matrix effects and improved calibration procedures for SIMS titanite U Pb dating. **2022**, 593, 120755		0
369	Change in Subduction Dip Angle of the Indian Continental Lithosphere Inferred From the Western Himalayan Eclogites. **2022**, 9,		0
368	Constraints on the age of Archaeozoon acadiense and evidence for hydrothermally transported zircon in the Ashburn Formation (Green Head Group), Saint John, New Brunswick, Canada.		0
367	Impact and habitability scenarios for early Mars revisited based on a 4.45-Ga shocked zircon in regolith breccia.. **2022**, 8, eabl7497		0

366	NeoproterozoicâMesozoic Tectono-Magmatic evolution of the northern Dabie Orogen, eastern China. **2022**, 228, 105138	0
365	Quaternary sediment sources and loess transport pathways in the Black Sea - Caspian Sea region identified by detrital zircon U-Pb geochronology. **2022**, 209, 103736	1
364	Re-evaluating monazite as a record of metamorphic reactions. **2022**, 13, 101340	1
363	Cloudina aggregates from the uppermost Dengying Formation, Three Gorges area, South China, and stratigraphical implications. **2022**, 370, 106552	0
362	1.79â1.75´ Ga mafic magmatism of the Siberian craton and late Paleoproterozoic paleogeography. **2022**, 370, 106557	1
361	Neoarchean magmatism in the southern Scott and Raggatt Mountains, Napier Complex, east Antarctica. **2022**, 370, 106530	
360	Eoarchean to Neoarchean crustal evolution of the Western Dharwar Craton, southern India: Clues from U-Pb-Hf isotope composition of detrital zircon. **2022**, 371, 106559	0
359	An outline of Paleoproterozoic-Mesoproterozoic crustal evolution of the NW Amazon craton and implications for the Columbia Supercontinent. 1-34	
358	Combined U-Pb isotopic signatures of U mill tailings from France and Gabon: A new potential tracer to assess their fingerprint on the environment.. **2022**, 128484	1
357	From OXALID to GlobaLID âIntroducing a modern and FAIR lead isotope database with an interactive application.	1
356	Detrital apatite Lu-Hf and U-Pb geochronology applied to the southwestern Siberian margin.	0
355	Petrogenesis of the late Paleoproterozoic Gleibat Lafhouda dolomite carbonatite (West African Craton Margin, Moroccan Sahara) and its relevance to the onset of fragmentation of the Columbia supercontinent. **2022**, 594, 120764	0
354	Timing and duration of meteoric water infiltration in the Quiberon detachment zone (Armorican Massif, Variscan belt, France). **2022**, 104546	
353	U-Pb isotopic dating of cassiterite: Development of reference materials and in situ applications by LA-SF-ICP-MS. **2022**, 593, 120754	0
352	U-Pb isotope systematics and impact ages recorded by a chemically diverse population of glasses from an Apollo 14 lunar soil. **2021**, 321, 206-206	2
351	UâPb dating of andradite-rich garnet by SIMS.	0
350	Geochemistry and Zircon UâPb Geochronology of the Zhuxi Granites in the Jingdezhen Area, Jiangxi Province, China: Implications for the Mesozoic Tectonic Development of South China. **2022**, 12, 283	0
349	Strain Partitioning along Terrane Bounding and Intraterrane Shear Zones: Constraints from a Long-Lived Transpressional System in West Gondwana (Ribeira Belt, Brazil). **2022**, 2021,	1

348	An hyperextension assemblage, imbricated in Archean - Paleoproterozoic crust, at the bottom of the Kalak Nappe Complex in the northern Scandinavian Caledonides. jgs2021-140	
347	Evidence for large departures from lithostatic pressure during Late Cretaceous metamorphism in the northern Snake Range metamorphic core complex, Nevada. **2022**,	0
346	Composition and thermal evolution of the lithospheric mantle beneath the Ribeira Belt, SE Brazil: evidence from spinel peridotite xenoliths. **2022**, 111, 1057-1077	
345	Long-Term Reproducibility of SIMS Zircon U-Pb Geochronology. **2022**, 33, 17-24	1
344	To the Question of Magmatism and Origin of the Afanasy Nikitin Rise Due to Discovery of Ancient Zircon by Three Billion Years Age. **2022**, 62, 114-126	0
343	Natural Trap Cave tephra correlation to Yellowstone using U-series (230Th/238U) dates and oxygen isotopes of zircon and chemical composition of adherent glass. **2022**,	1
342	Two-stage regional rare-element pegmatite formation at Tysfjord, Norway: implications for the timing of late Svecofennian and late Caledonian high-temperature events. **2022**, 111, 987-1007	1
341	From Cadomian back-arc basin to Rheic Ocean closure: the geochronological records of the Kurto˘ Ğu Massif, eastern Sakarya Zone, Turkey. 1	1
340	Revised tectono-stratigraphic scheme for the Scandinavian Caledonides and its implications for our understanding of the Scandian orogeny. **2022**,	1
339	Stages of Formation of the South Altai Metamorphic Belt (Central Asia). **2022**, 63, 300-311	
338	Multi-technique Geochronology of Intrusive and Explosive Activity on Piton des Neiges Volcano, Rùnion Island.	
337	The 1126 Ma volcanic event in the Dechang Area, SW Yangtze Block, and its significance. **2022**, 159, 797-817	0
336	Geochronology and geochemistry of the Ediacaran orthogneisses from the north Shahrekord (Sadegh-Abad), Sanandaj-Sirjan Zone: Insights into magmatic evolution of the Iranian basement.	0
335	Rotational tectonics of the Oregonâ□dahoâ□Montana Cordillera. **2022**, 229293	0
334	Linking titanite Uâ□Pb dates to coupled deformation and dissolutionâ□eprecipitation. **2022**, 177, 1	1
333	Strengths and limitations of in situ Uâ□Pb titanite petrochronology in polymetamorphic rocks: An example from western Maine, USA.	1
332	Detrital zircon LA-ICPMS U-Pb and Lu-Hf signatures from the Mesoarchean Keonjhar Quartzite: Implications for the nature of Archean continental crust and geodynamics. **2022**, 100057	1
331	Two High-Pressure Metamorphic Events in Early Precambrian Eclogites of the Gridino Area, Belomorian Province of the Fennoscandian Shield: Petrology and Geochronology. **2022**, 30, 147-170	2

330	Exhumation of deep continental crust in a transpressive regime: The example of Variscan eclogites from the Aiguilles-Rouges massif (Western Alps).		2
329	Pressure-temperature-deformation-time path for the Seve Nappe Complex, Kebnekaise Massif, Arctic Swedish Caledonides. **2022**,		
328	Detrital zircon and apatite U-Pb geochronology of Ediacaran fossilâ€bearing strata spanning the late Ediacaranâ€Cambrian boundary in central Iran. 1-12		
327	Stages of the Early Proterozoic Lower Crustal Growth in the Central Asian Orogenic Belt with Reference to the Baidarik Terrane. **2022**, 30, 133-146		
326	Contribution of recycled sediments to the mantle reservoir beneath Hainan Island: Evidence from Sr, Nd, Pb, Hf, and Mg isotopic analyses of Late Cenozoic basalts. **2022**, 125883		
325	A micrometeorite from a stony asteroid identified in Luna 16 soil.		1
324	A Late Paleocene age for Greenland's Hiawatha impact structure.. **2022**, 8, eabm2434		
323	U-Pb dating of zircon and monazite from the uplifted Variscan crystalline basement of the Ries impact crater. **2022**, 57, 830-849		0
322	Casting a vote for shifting the Statherian: Petrogenesis of 1.70 and 1.62´ Ga mafic dykes in the North China Craton. **2022**, 414-415, 106631		
321	Origin and Age of Magmatism in the Northern Philippine Sea Basins. **2022**, 23,		0
320	An apatite trace element and Sr-Nd isotope geochemical study of syenites and carbonatite, exemplified by the Epembe alkaline-carbonatite complex, Namibia. **2022**, 106699		0
319	Isotopic constraints on the age and source of ore-forming fluids of the Bou Azzer arsenide ores (Morocco). **2022**, 143, 104769		1
318	New constraints on the timing and character of the Laramide Orogeny and associated gold mineralization in SE California, USA.		1
317	Timescales of subduction initiation and evolution of subduction thermal regimes. *Earth and Planetary Science Letters*, **2022**, 584, 117521	5.3	4
316	New clues for magma-mixing processes using petrological and geochronological evidence from the Castelo Intrusive Complex, Araçuaí Orogen (SE Brazil). **2022**, 115, 103758		0
315	Age and provenance of the Precambrian Middle Timan clastic succession: Constraints from detrital zircon and rutile studies. **2022**, 371, 106580		0
314	Early Neoproterozoic Tectonics in the Godhraâ€Chhota Udepur Sector: Evidence for Two-Stage Accretion in the Great Indian Proterozoic Fold Belt. **2022**, 2022,		2
313	Detrital zircon in an active sedimentary recycling system: Challenging the â€source-to-sinkâ€approach to zircon-based provenance analysis.		0

312	Protracted Subduction of the European Hyperextended Margin Revealed by Rutile U-Pb Geochronology Across the Dora-Maira Massif (Western Alps). **2022**, 41,	2
311	Cratonisation of Archaean continental crust: Insights from UâPb zircon geochronology and geochemistry of granitic rocks in the Narryer Terrane, northwest Yilgarn Craton. **2022**, 372, 106609	2
310	In situ apatite U-Pb dating for the ophiolite-hosted Nianzha orogenic gold deposit, Southern Tibet. **2022**, 144, 104811	0
309	Calibrating volatile loss from the Moon using the U-Pb system. **2022**, 324, 1-16	0
308	S-type like granites and felsic volcanic rocks in the Mahabad area, NW Iran: Late Neoproterozoic extensional tectonics follow collision on the northern boundary of Gondwana. **2022**, 416-417, 106658	0
307	U-Pb zircon-titanite-apatite age constraints on basin development and basin inversion in the Kiruna mining district, Sweden. **2022**, 372, 106613	0
306	HT overprint of HP granulites in the OisansâPelvoux massif: Implications for the dynamics of the Variscan collision in the external western Alps. **2022**, 416-417, 106650	0
305	Unmixing of REE-Nb enriched carbonatites after incremental fractionation of alkaline magmas in the Shaxiongdong complex, Central China. **2022**, 416-417, 106651	1
304	Early Mesoproterozoic inliers in the Chiapas Massif Complex of southern Mexico: Implications on Oaxaquia-Amazonia-Baltica configuration. **2022**, 373, 106611	1
303	Petrogenesis and tectonic implications of the late Neoproterozoic mafic dykes in the South Qinling Belt, China. **2022**, 373, 106647	
302	U/Pb geochronology of fossil fish dentine from Romualdo Formation, Araripe Basin, northeast of Brazil. **2022**, 116, 103774	1
301	Implications of the dominant LPâHT deformation in the Guanhães Block for the Araçuaí West-Congo Orogen evolution. **2022**, 107, 154-175	0
300	Periodicity of Karoo rift zone magmatism inferred from zircon ages of silicic rocks: Implications for the origin and environmental impact of the large igneous province. **2022**, 107, 107-122	0
299	Zircon of Triassic Age in the Stuttgart Formation (Schilfsandstein)âWitness of Tephra Fallout in the Central European Basin and New Constraints on the Mid-Carnian Episode. **2021**, 9,	0
298	Heritage Stone 8. Formation of Pinolitic Magnesite at Quartz Creek, British Columbia, Canada: Inferences from Preliminary Petrographic, Geochemical and Geochronological Studies. **2021**, 48,	
297	Open-system behaviour of detrital zircon during weathering: an example from the Palaeoproterozoic Pretoria Group, South Africa. **2022**, 159, 561-576	1
296	Melt- to Shear-Controlled Exhumation of Granulites in Graniteâ€Gneiss Domes: Petrological Perspectives from Metapelite of the Neoarchean Ha-Tshanzi Structure, Central Zone, Limpopo Complex, South Africa. **2021**, 62,	
295	Concepts and revised models for Phanerozoic orogenic gold deposits. SP516-2021-39	1

294	The Geochemical and Isotopic Record of Wilson Cycles in Northwestern South America: From the Iapetus to the Caribbean. **2022**, 12, 5	1
293	The Duration and Geodynamics of Formation of the AngaraâVitim Batholith: Results of UâPb Isotope (LA-ICP-MS) Dating of Magmatic and Detrital Zircons. **2021**, 62, 1331-1349	1
292	Current Techniques and Applications of Mineral Chemistry to Mineral Exploration; Examples from Glaciated Terrain: A Review. **2022**, 12, 59	1
291	Downdip Development of the Ni-Cu-PGE-Bearing Mafic to Ultramafic Uitkomst Complex, Mpumalanga Province, South Africa. **2022**, 12, 22	
290	Deciphering anomalous Ag enrichment recorded by galena in Dayingezhuang Au(-Ag) deposit, Jiaodong Peninsula, Eastern China. **2021**, 31, 3831-3846	1
289	Neoproterozoic Metabasalts of the Tyya Complex of the Olokit Rift Trough (BaikalâMuya Belt): Composition, UâPb Age, Isotope-Geochemical Characteristics, and Geodynamic Effects.	1
288	The Initial Stage of Early Carboniferous Rifting in the Southern Urals: First The results of UâPb Dating of Zircons from Granitoids of the Neplyuevka Complex. **2022**, 77, 39-47	1
287	Neoproterozoic pre-collisional events recorded in the Sergipano belt, Southern Borborema Province, West Gondwana. 1-19	0
286	Zircon U-Pb ages of the Higo Plutonic Complex: Implication for migration of Cretaceous igneous activity in Kyushu, southwest Japan.	1
285	Uranium Isotope Variations (234U/238U and 238U/235U) and Behavior of UâPb Isotope System in the Vershinnoe Sandstone-Type Uranium Deposit, Vitim Uranium Ore District, Russia. **2022**, 33, 317-324	
284	The Los Angeles martian diabase: Phosphate U-Th-Pb geochronology and mantle source constraints. **2022**,	1
283	Petrogenesis of the late Archean Pillow Basalts from the Chitradurga greenstone belt, Western Dharwar Craton (southern India). **2022**, 131, 1	
282	Garnet U-Pb geochronology and geochemistry reveal deposit types and fluid evolution: An example from the Dongguashan Cu-Au deposit, eastern China. **2022**, 145, 104883	
281	datasheet1.pdf. **2020**,	
280	Image_1.TIF. **2020**,	
279	Tables_1-3.XLSX. **2020**,	
278	Environmental Forensic Investigation on Soil Contamination by Using Novel Methodology: A Field Study.	
277	Unconformity-covering pillow lava dated at 2.14 Ga: Challenging the âEtable-shelfâIMinas Supergroup of the Quadrilâtero Ferrífero, Minas Gerais, Brazil. **2022**, 57, 2046-2057	1

276	Zircon morphology and isotope U-Pb and Sm-Nd dating the rocks of the Kanozero alkaline granite massif (the Kola region). **2022**, 25, 50-60	
275	Dynamics of Early Neoproterozoic accretion, west-central India: I. Geochronology and Geochemistry. **2022**, 106715	1
274	Structural geology of the Cadillac Group along the Malartic segment of the Larder Lake Cadillac Deformation zone, Quebec, and implications for gold mineralization.	
273	Geologic framework of Cretaceous plutons along a west-to-east transect in the southern Peninsular Ranges batholith, Baja California, Mexico: Insights from geochemical, isotopic, and geochronologic data. 1-27	
272	The Age, Petrological-Geochemical Characteristics, and Origin of Igneous Rocks of the Middle Jurassic Khulam Volcano-Plutonic Complex, North Caucasus. **2022**, 16, 116-142	1
271	Recognition of late Paleoproterozoic gold mineralization in the North China craton: Evidence from multi-mineral U-Pb geochronology and stable isotopes of the Shanggong deposit.	0
270	Geochronology of the Chakabeishan Liâ(Be) rare-element pegmatite, Zongwulong orogenic belt, northwest China: Constraints from columbiteâantalite UâPb and muscoviteâepidolite 40Ar/39Ar dating. **2022**, 104930	1
269	Identification of UHT granulites in the Pan-African Dahomeyide suture zone in SE Ghana: Implications for evolution of collisional orogens.	
268	Formation of an Intracontinental Orogen Above the Permo-Triassic Mantle Convection Cell in the Paleo-Tethys Tectonic Realm due to Far-Field Stress Derived From Continental Margins. **2022**, 10,	
267	Cretaceous Monzonite-Granite-Migmatite Velitkenay Complex: Petrology, Geochemistry of Rocks and Zircons (U-Pb, Hf, O) as Applied to Reconstructing the Evolution of Magmatism and Continental Crust in Artic Alaskaâchukotka Block. **2022**, 30, 227-257	
266	Cretaceous thermal evolution of the closing Neo-Tethyan realm revealed by multi-method petrochronology. **2022**, 106731	1
265	Petrogenesis of Eocene high-silica granites in the Maliaoshan area, northern Tibet: Implications for the Eocene magmatic flare-up in the Northern Qiangtang Block. **2022**, 105268	
264	Geochemistry of Syntectonic Carbonate Veins Within Late Cretaceous Turbidites, Hikurangi Margin (New Zealand): Implications for a Mid-Oligocene Age of Subduction Initiation. **2022**, 23,	0
263	Late Triassic Au-Mo mineralization in the Xiaoqinling region and a genetic connection to carbonatitic magmatism. **2022**, 145, 104921	
262	The Tim Mersoï Basin uranium deposits (Northern Niger): Geochronology and genetic model. **2022**, 145, 104905	
261	Using detrital zircon and rutile to constrain sedimentary provenance of Early Paleozoic fluvial systems of the Araripe Basin, Western Gondwana. **2022**, 116, 103821	0
260	Latest Mesoproterozoic (ca. 1.2â1.1´ Ga) amphibolite-facies metamorphism from the Dete-Kamativi Inlier, NW Zimbabwe: Implications for a Rodinia-related intracratonic orogen in Southern Africa. **2022**, 376, 106688	
259	U-Pb geochronology and cyclostratigraphy of the middle Ediacaran upper Jibalah Group, eastern Arabian Shield. **2022**, 375, 106674	1

258	Provenance of metasiliciclastic rocks at the northwestern margin of the East Gabonian Block: Implications for deposition of BIFs and crustal evolution in southwestern Cameroon. **2022**, 376, 106677	0
257	Generation of continental crust by remelting of enriched oceanic crust in accretionary orogen: Geochemical evidence of granitoids in the Tongbai Orogen, Central China. **2022**, 420-421, 106718	0
256	Evaluating U-Pb zircon data using a 3-dimensional concordia. **1994**, 103, 413-424	
255	Gondwana-derived units in Ograzhden and Belasitsa Mountains, Serbo-Macedonian Massif (SW Bulgaria): combined geochemical, petrological and U-Pb zircon-xenotime age constraints. **2015**, 44, 51-84	7
254	Tectonics and geothermal gradients from subduction to collision in the NW Variscan Iberian Massif. 1-25	
253	Timing of Igralishte pluton in Ograzhden Mountain, SW Bulgaria: implications for the tectono-magmatic evolution of the region. **2009**, 38, 5-14	9
252	A Neoarchean (ca. 2500´ Ma) age for jaspilite-carbonate BIF hosting purported micro-fossils from the Eoarchean (â‰ˆ3750´ Ma) Nuvvuagittuq supracrustal belt (Québec, Canada). **2022**, 377, 106728	0
251	Pb-isotope systematics at the Sopokomil shale-hosted massive sulfide deposit, North Sumatra, Indonesia. **2022**, 234, 105275	0
250	Detrital zircon UâPb and LuâHf constraints on the age, provenance and tectonic setting of arc-related high-grade units of the transition zone of the Araçuaí and Ribeira orogens (SE Brazil). **2022**, 103861	0
249	Linking proximal ignimbrites and coeval distal tephra deposits to establish a record of voluminous Early Quaternary (2.4â1.9 Ma) volcanism of the Tauranga Volcanic Centre, New Zealand. **2022**, 107595	
248	Petrochronological Evidence for a Three-Stage Magmatic Evolution of the Youngest Nepheline Syenites from the Ditrău Alkaline Massif, Romania. **2022**, 12, 657	
247	From Iberia to Laurion: Interpreting Changes in Silver Supply to the Levant in the Late Iron Age Based on Lead Isotope Analysis. **2022**, 14,	1
246	Does Large-Scale Crustal Flow Shape the Eastern Margin of the Tibetan Plateau? Insights From Episodic Magmatism of Gongga-Zheduo Granitic Massif. **2022**, 49,	1
245	Khan River and Bear Lake: Two Natural Titanite Reference Materials for High-Spatial Resolution U-Pb Microanalysis.	0
244	New U-Pb zircon ages of plagiogranites from the Coastal Complex ophiolite and Twillingate batholith, Newfoundland: evidence for the oldest and overlapping silicic magmatism in the nascent Cambrian peri-Laurentia forearc and arc terranes. **2022**,	0
243	Titanite links rare-element (meta-)pegmatite mineralization to Caledonian metamorphism. **2022**,	0
242	Diverse P-T-t Paths Reveal High-Grade Metamorphosed Forearc Complexes in NW China. **2022**, 127,	0
241	Multi-stage construction of the Little Cottonwood stock, Utah, USA: Origin, intrusion, venting, mineralization, and mass movement.	0

240	On the unusual presence of a Quaternary peralkaline volcanic center, rear-arc region of the Trans-Mexican Volcanic Belt eastern sector: geochemical and isotopic characterization of the Las Navajasâ€Hidalgo stratovolcano.	1
239	New CA-ID-TIMS Uâ€Pb zircon ages for the Altenbergâ€Teplice Volcanic Complex (ATVC) document discrete and coeval pulses of Variscan magmatic activity in the Eastern Erzgebirge (Eastern Variscan Belt).	0
238	U-Pb and fission-track data from zircon and apatite resolve latest- and post-Alleghanian thermal histories along the Fall Line of the Atlantic margin of the southeastern United States.	
237	Petrogenesis and Geological Significance of the Quartz Monzonites in the Jinling Area, Western Shandong Province. **2022**, 12, 771	0
236	The utility of rapid throughput single-collector sector-field ICP-MS for soil Pb isotope studies. **2022**, 143, 105361	0
235	Skarn mineralogy and in-situ LAâ€ICPâ€MS Uâ€Pb geochronology of wolframite for the Caojiaba tungsten deposit, southern China: Implications for a reduced tungsten skarn deposit. **2022**, 147, 104981	0
234	â€Major Changes in Magma Evolution During the Quaternary Volcanism of the South Harghita, Eastern-Central Europe: Constraints from Bulk Rock and Zircon Geochemistry and U-Pb Datingâ€	
233	Granitoids of the Kongo Magmatic Zone of the Omolon Massif (Northeastern Russia): Rock Composition, Age, and Geodynamic Setting. **2022**, 56, 178-190	
232	Magmatic Process Associated with the Baogutu Reduced Cu Porphyry-Type Deposit (West Junggar, Northwest China): Evidence from Multiple Enclaves. **2022**, 12, 815	0
231	Petrology and geochronology of sapphirine-bearing granulites from the Limpopo Complex in eastern Botswana: Implications for Palaeoproterozoic long-lived high-pressure/ultrahigh-temperature metamorphism and rapid exhumation.	0
230	840â€820 Ma Dahongshan bimodal volcanic rocks: new constraints on the Neoproterozoic arcâ€back-arc basin system along the northern margin of the Yangtze Block. 1-32	
229	First high-precision Uâ€Pb age from the Pennsylvanian-Permian of the continental Saarâ€Nahe Basin, SW Germany.	1
228	The first U/Pb data on the age of detritus zircons from sandstones of the gold-bearing Upper Cambrian-Lower Ordovician Alkesvozhskaya strata (Subpolar Urals). **2022**, 3-10	
227	Lead Isotopes and the Sources of Granitic Magmas: The Sveconorwegian Granite and Pegmatite Province of Southern Norway. **2022**, 12, 878	0
226	Geochronology, Whole-Rock Geochemistry, and Srâ€Ndâ€Hf Isotopes of Granitoids in the Tongshanling Ore Field, South China: Insights into Cu and W Metallogenic Specificity. **2022**, 12, 892	1
225	Age constraints of the Guttulapollenites hannonicusâ€Cladaitina veteadensis Biozone in Argentina reveal the first record of Early Triassic (Olenekian) palynofloras in western Gondwana.	0
224	Provenance and detrital zircon study of the Tatric Unit basement (Western Carpathians, Slovakia).	
223	Energy Drive for the Kiruna Mining District Mineral System(s): Insights from U-Pb Zircon Geochronology. **2022**, 12, 875	0

222	Geochronology of Diamonds. **2022**, 88, 567-636	2
221	U-Pb geochronology of the Silurian-Devonian Bega Batholith, south-eastern Australia: Insights into the origin and development of I-type granites. **2022**,	
220	Mafic dikes of the Mariinsky Taiga Alkaline Province, Kuznetsk Alatau terrane, southwestern Siberia: Intraplate alkaline magmatism in the Central Asian Orogenic Belt. **2022**, 106799	
219	The magmatic and tectono-metamorphic history of the Sistan suture zone, Iran: New insights into a key region for the convergence between the Lut and Afghan blocks. **2022**, 236, 105313	1
218	Persistent mildly supra-chondritic initial Hf in the Lewisian Complex, NW Scotland: Implications for Neoarchean crust-mantle differentiation. **2022**, 606, 121001	0
217	Deciphering sources of U contamination using isotope ratio signatures in the Loire River sediments: Exploring the relevance of 233U/236U and stable Pb isotope ratios. **2022**, 307, 135658	
216	Zircon UâPb and geochemistry of the north Shahrekord metamorphosed felsic rocks: implications for the EdiacaranâCambrian tectonic setting of Iran.	
215	Adakite genesis and plate convergent process: Constraints from whole rock and mineral chemistry, Sr, Nd, Pb isotopic compositions and U-Pb ages of the Lakhshak magmatic suite, East Iran. **2022**, 106806	
214	PâTâ Path of Unusual Garnet-Kyanite-Staurolite-Amphibole Schists, Ellesmere Island, Canada â Quartz Inclusion in Garnet barometry and Monazite Petrochronology.	2
213	Age, Composition, and Tectonic Setting of the Formation of Late Neoproterozoic (Late Baikalian) Complexes in the Kichera Zone, Baikal-Vitim Belt, Northern Baikal Area: Geological, Geochronological, and Nd Isotope Data. **2022**, 30, 337-368	0
212	Detrital zircon U-Pb-Hf isotope record of conglomerates in the southern Aravalli orogen, NW India: Implications for stratigraphy, provenance and Archean to Paleoproterozoic crustal evolution. **2022**, 379, 106800	0
211	Petrographic, chemical and geochronological characteristics of the Onzaga Metarhyolite and its correlation with Ordovician magmatic events in the northern Andes, Colombia. **2021**, 49, 7-27	
210	UâPb geochronology of Late Silurian (Wenlock to Pridoli) volcanic and sedimentary rocks, central Newfoundland Appalachians: targeting the timing of transient extension as a prelude to Devonian orogenic gold mineralization. 58, 215-237	0
209	Tracing Pb from Nolans Bore thorianite through Alice Springs thorite to radiogenic galena: EPMA and LA-ICP-MS study of time and space.	
208	U-Pb (SHRIMP-RG) age of zircon from rare-metal (Li, Cs) pegmatites of the Okhmylk deposit of the Kolmozero-Voronâya greenstone belt (northeast of the Fennoscandian shield). 255, 448-454	
207	Magma feeding paleochannel in the Monchegorsk ore region: geochemistry, isotope U-Pb and Sm-Nd analysis (Kola region, Russia). 255, 405-418	0
206	Timing and causes of forest fire at the KâPg boundary. **2022**, 12,	0
205	Fluid inclusions and CâHâOâSâPb isotope systematics of the Senj MoâCu deposit, Alborz magmatic belt, northern Iran: implications for fluid evolution and regional mineralization. 1-21	

204	Lead Isotope Systematics of the Orogenic Gold Deposits of the Baikal-Muya Belt (Northern Transbaikalia): Contribution of the Subcontinental Lithospheric Mantle in Their Genesis.	
203	Tracing Trade Routes: Examining the Cargo of the 15th-Century Skaftï¿½Wreck. 1-33	2
202	Desilicification Rims of Zircon Xenocrysts Record the Timing of Kimberlite Emplacement.	
201	Taking a Fresh Look at the Stratigraphy of the Selemdzha and Tokur Terranes of the Mongolâ€“Okhotsk Belt: The Results of Uâ€“Pb, Luâ€“Hf, and Smâ€“Nd Isotope Studies. **2022**, 16, 300-316	1
200	The initiation and growth of transpressional shear zones through continental arc lithosphere, southwest New Zealand.	
199	Laser-ablation ICP-MS zircon U-Pb ages for key Pliocene-Pleistocene tephra beds in unglaciated Yukon and Alaska. **2022**, 101398	0
198	Syn-Tectonic Dolomite U-Pb Geochronology Constraining Intracontinental Deformation: A Case Study from the Gelouang Gold Deposit in the Qinling Orogen, China. **2022**, 12, 1045	
197	Polyphase Permo-Carboniferous magmatism adjacent to the Intra-Sudetic Fault: constraints from Uâ€“Pb SHRIMP zircon study of felsic subvolcanic intrusions in the Intra-Sudetic Basin, SW Poland.	
196	Charnockites of the Central Part of the Anabar Shield: Distribution, Petrogeochemical Composition, Age, and Formation Conditions. **2022**, 60, 711-723	1
195	Zircon geochronology and Hfâ€“O isotopes of the Nulliak supracrustal assemblage (Saglek Blockâ€“Canada): Constraints on deposition age and setting, metamorphic age and environments of zircon crystallization. **2022**, 379, 106789	
194	Eo-Paleoarchean detrital zircon in the Winnipeg River terrane, Western Superior Province: Provenance and implications. **2022**, 379, 106802	
193	Modern style nappe stacking in the Paleoproterozoic lower crust: An example from the snowbird tectonic zone, Canadian Shield. **2022**, 380, 106817	
192	Metamorphic patterns and zircon Uâ€“Pb dating of the Xilingol complex in Inner Mongolia, China: Implications for rifting metamorphism and tectonic evolution in eastern Central Asian Orogenic Belt. **2022**, 428-429, 106826	
191	Petrogenetic relationships between peraluminous granites and Li- Cs-Ta rich pegmatites in south Issia zone (Central-West of Cï¿½te dâ€™Ivoire): Petrography, Mineralogy, Geochemistry and zircon Uâ€“Pb Geochronology.	0
190	Provenance analysis of the Araripe intracontinental basin, northeast Brazil â€“Routes for proto-Atlantic marine incursions in northwest Gondwana. **2022**, 440, 106243	1
189	Genesis of the Jiudian gold deposit, Jiaodong Peninsula, eastern China: Fluid inclusion and C H Oâ€“Pb isotope constraints. **2022**, 149, 105086	0
188	Mixed crustal-mantle source of porphyry Cu-Mo deposits of the Urals: Pyrite trace element geochemistry and Pb â€“S isotope data. **2022**, 242, 107075	0
187	Lead isotopic fingerprinting as a tracer to identify the sources of heavy metals in sediments from the Four Riversâ€“Inlets to Dongting Lake, China. **2022**, 219, 106594	0

186	Environmental and Climate Proxies Embedded in Coral Skeletons. **2022**, 135-178	0
185	URANIUM-LEAD GEOCHRONOLOGY BY TITANITE, ADVANTAGES AND LIMITATIONS. **2022**, 44, 83-98	0
184	Lead Isotope Ratios of Lead White: From Provenance to Authentication. **2022**, 447-471	0
183	A New Alpine Metallogenic Model for the Pb-Ag Orogenic Deposits of Macôkla Plagne and Peisey-Nancroix (Western Alps, France). **2022**, 12, 331	0
182	Pre-Pangean evolution of central southern Laurentia: Insights from zircon U/Pb geochronology, Marathon-Solitario fold-and-thrust belt, west Texas. **2022**,	1
181	Deformation history and tectonic significance of the Sanagak Lake shear zone, Boothia Peninsula, Nunavut.	0
180	Petrogenesis and tectonic significance of Late Paleozoic magmatism in the Xilinhot micro-continent, central Xingmeng orogenic belt. 1-26	0
179	The Cretaceous-Paleogene contact in the Tornillo Group of Big Bend National Park, West Texas, USA.	0
178	Defining the timing, extent, and conditions of Paleozoic metamorphism in the southern Appalachian Blue Ridge terranes of Tennessee, North Carolina, and northern Georgia.	0
177	The Middle Paleozoic Magmatism of the Central Tuvinian Trough (Eastern Altaiâ Sayan Fold Area): Petrogenesis, Tectonics, and Geodynamics.	0
176	Magmatic records of Gondwana assembly and break-up in the Eastern Himalayan syntaxis, northeast India. **2022**,	1
175	In Situ Uâ Thâ Pb Dating of Parisite: Implication for the Age of Mineralization of Colombian Emeralds. **2022**, 12, 1232	0
174	In-situ U Pb geochronology of vesuvianite in skarn deposits. **2022**, 121136	0
173	Rhyolitic melt production in the midst of a continental arc flare-upâ The heterogeneous Caspana ignimbrite of the Altiplano-Puna volcanic complex of the Central Andes.	1
172	Geodynamic seawater-sediment porewater evolution of the east central Atlantic Paleogene ocean margin revealed by U-Pb dating of sedimentary phosphates. 10,	0
171	The Mesoarchean plutonic complex from the Carajás province, Amazonian craton: Petrogenesis, zircon U Pb SHRIMP geochronology and tectonic implications. **2022**, 106901	0
170	Heat transfer and production in cratonic continental crust: U-Pb thermochronology of xenoliths from the Siberian craton.	0
169	The timing and tectonic context of Pan-African gem bearing pegmatites in Malawi: Evidence from Rbâ Sr and Uâ Pb geochronology. **2022**, 104750	0

168	Formation of late Miocene silicic volcanic rocks in the central Tibetan Plateau by crustal anatexis of granulites. **2022**, 432-433, 106882	0
167	Newly-recognized Triassic highly fractionated leucogranite in the Koktokay deposit (Altai, China): Rare-metal fertility and connection with the No. 3 pegmatite. **2022**, 112, 24-51	0
166	Locating the âMissing Halfâbf the Giant Chuquicamata Porphyry Copper Deposit, Chile. **2021**, 69-85	0
165	A new calibrated strategy for the in situ UâThâPb dating of bastnasite by xenotime.	0
164	U-Pb age of the oldest achondrite points to 26Al heterogeneity in the early Solar System.	0
163	Geochemical Constraints on Petrogenesis and Tectonics of the Middle Devonian Granitic and Coeval Mafic Magmatism from the Tannuola Terrane (Northern Central Asian Orogenic Belt). **2022**, 12, 1282	0
162	High-precision ID-TIMS U Pb geochronology of perovskite (CaTiO3) from the Ice River Complex, Southeastern British Columbia. **2022**, 121187	0
161	Evolution of arc magmatic cycles from the Carboniferous to the Early Cretaceous in the western paleomargin of Gondwana, north of the Andes. **2022**, 49,	0
160	A Comparison of Granite Genesis in the Adelaide Fold Belt and Glenelg River Complex Using UâPb, Hf and O Isotopes in Zircon. **2022**, 63,	0
159	Deformation induced decoupling between U-Pb and trace elements in titanite revealed through petrochronology and study of localized deformation. **2022**, 101496	1
158	Plate motion and a dipolar geomagnetic field at 3.25 Ga. **2022**, 119,	2
157	A case of Te-rich low-sulfidation epithermal Au-Ag deposits in a calc-alkaline magmatic arc, NE China. **2022**, 105158	0
156	U-Pb geochronology and geochemistry of the Torud igneous rocks: Implications for post-collision Eocene magmatism in northeast Iran. **2022**, 101942	0
155	The Raduzhnoe AuâSulfide Deposit (Northern Caucasus): Geological Settings, Mineralogy, and Sources of Metals. **2022**, 64, 257-280	0
154	Geochronological and geochemical constraints on the petrogenesis of alkali granites from the Makrohar Granulite Belt: Evidence for Mesoproterozoic extensional regime in the eastern Central Indian Shield.	0
153	RHYACIAN evolution of high-grade metamorphic rocks of the porto Nacional granulite complex, based on geocronological data UâPb-Hf IN zircon and UâPb IN monazite. **2022**, 104093	0
152	Paleoproterozoic Plate Tectonics Recorded in the Northern Margin Orogen, North China Craton.	1
151	Geochronological constraints of high-grade metasedimentary rocks of the Italva and Costeiro basins: Reconstructing the Outer Magmatic Arc System of the ribeira belt, SE Brazil. **2022**, 382, 106879	0

150	Luâ€Hf, Smâ€Nd, and Uâ€Pb isotopic coupling and decoupling in apatite. **2022**, 338, 121-135	0
149	Neoarchean to Rhyacian crustal records along the Middle Xingu River area, Amazonian craton. **2022**, 52,	0
148	The Uâ€Pb Age of Rare-Metal Alkali Granites at the Snezhnoe Deposit: Age Homogeneity Assessment of Ognit Granitoids (Eastern Sayan Region). **2022**, 506, 721-728	0
147	Multiproxy sediment provenance analysis of two megafans of the Owambo Basin, Northern Namibia.	0
146	Foreland basin response to middle Cretaceous thrust belt evolution, southwestern Montana, USA.	1
145	Plutonic-subvolcanic connection of the Himalayan leucogranites: Insights from the Eocene Lhunze complex, southern Tibet. **2022**, 106939	0
144	Age, petrogenesis, and metamorphic modelling of high-pressure garnet-amphibolite from the Tethyan Himalayan Sequence of Bhagirathi Valley, Western Garhwal Himalaya.	0
143	Deformational History of the Kanguer Subduction Complex in the Eastern Tianshan (NW China): Implications for Paleozoic-Triassic Multiple Accretionary Tectonics of the Southern Altaids. **2022**, 41,	1
142	The fractures-controlled tin mineralization at the end of Late Cretaceous in the Songshan deposit, southwestern China: Constraints from Uâ€Pb dating of zircon, garnet, and cassiterite. **2022**, 150, 105191	0
141	Dating fluid infiltration and deformation in the subducted ultramafic oceanic lithosphere by perovskite geochronology. **2022**, 121205	0
140	The Great Dyke of the Kola Peninsula as a Marker of an Archean Cratonization in the Northern Fennoscandian Shield. **2022**, 30, 591-609	0
139	Eastern Margin of the Neoarchean Tunguska Superterrane: Data from Boreholes in the Central Part of the Siberian Platform. **2022**, 30, 628-639	0
138	†History of Coronitic Metagabbronorites in the Belomorian Province, Fennoscandian Shield: U-Pb (CA-ID-TIMS) Dating of Zirconâ€Baddeleyite Aggregates. **2022**, 30, 567-590	0
137	Drowned in granite - retrieving the tectono-metamorphic history of the Janub metamorphic complex, the northernmost part of the Arabian-Nubian Shield. **2022**, 383, 106903	0
136	Redefiniciâ€n, correlaciâ€n e implicaciones geotectâ€nicas del batolito de Ibagu¿, Colombia. **2022**, 44,	0
135	The Origin of the Paleo-Kuril Arc, NE Japan: Sediment Provenance Change and its Implications for Plate Configuration in the NW Pacific Region since the Late Cretaceous.	0
134	A LA-ICP-MS Comparison of Reference Materials Used in Cassiterite U-Pb Geochronology.	0
133	Lead isotopic composition and genesis of Phanerozoic metal deposits in China. **1982**, 1, 137-158	0

132	AGE AND DURATION OF CRYSTALS GROWTH IN CHAMBERS OF VOLYN PEGMATITES (UKRAINIAN SHIELD). **2022**, 44, 35-42	0
131	Post-orogenic Intrusive Magmatism in the WLD. **2022**, 149-164	0
130	Le gisement ˆ tainâ uivreâ ndium de Charrier (Allier)´ : un skarnoïde visèn (340 Ma) traceur de la mˆ allogenèse varisque du nord Massif central. **2022**, 193, 17	0
129	The Egï Paleo-Mesoproterozoic rifted passive margin of the LATEA metacraton (Central Hoggar, Tuareg Shield, Algeria) subducted and exhumed during the Pan-African orogeny: U-Pb zircon ages, P-T-t paths, geochemistry and Sr-Nd isotopes. **2023**, 236, 104262	0
128	Paleoceneâ Miocene topographic and tectonic evolution of the northern central Andean plateau, southern Peru. **2023**, 121, 104134	0
127	Geochronological constraints for a two-stage history of the Sveconorwegian rare-element pegmatite province formation. **2023**, 384, 106944	0
126	The nitrate-limited freshwater environment of the late Paleoproterozoic Embury Lake Formation, Flin Flon belt, Canada. **2023**, 616, 121234	0
125	Coupled U-Hf isotopes and trace elements of detrital zircon grains from the lower Ediacaran turbidites in the Skoura inlier (Central High Atlas, Morocco): Implications for crustal evolution of the north-western Gondwana margin. **2023**, 384, 106935	0
124	Detrital zircon Uâ b analysis constrain the depositional age and provenance of Cryogenian glacial successions of the Macaúbas group in the northeastern Araçuaí orogen, eastern Brazil. **2023**, 121, 104122	0
123	Evidence for early Pennsylvanian subduction initiation in the Mongolâ khotsk Ocean from the Adaatsag ophiolite (Mongolia). **2023**, 436-437, 106951	0
122	The earliest silver currency hoards in the Southern Levant: Metal trade in the transition from the Middle to the Late Bronze Age. **2023**, 149, 105705	0
121	Multi-method dating constrains the diversification of early eukaryotes in the Proterozoic Mbuji-Mayi Supergroup of the D.R.Congo and the geological evolution of the Congo Basin. **2023**, 198, 104785	0
120	Anticlockwise metamorphic paths at ca. 890â 790´ Ma from the NE Baidrag block, Mongolia, indicate back-arc compression at the Rodinia periphery. **2023**, 14, 101520	0
119	Petrogenesis of Meso-Neoarchean granitoids from the Chitradurga Greenstone Belt: Implications on crustal growth and reworking of the Dharwar Craton, southern India. **2023**, 242, 105494	0
118	Latest Cambrian stage of evolution of Precambrian continental crust in the Aktyuz high-pressure Complex (Chu-Kendyktas terrane; North Tien Shan): New evidence from the SW part of the Central Asian Orogenic Belt. **2023**, 155, 101955	0
117	Ediacaran to Cambrian tectonomagmatic events in the Southern Dom Feliciano Belt, Uruguay: From a plate margin to an intraplate setting and the assembly of SW Gondwana. **2023**, 115, 155-182	0
116	U-Pb zircon xenocrysts dating as a proxy to assess volcanic assimilation and the underlying crust, Cretaceous Jaguarí Formation, RS, Brazil. **2022**, 52,	0
115	Felsic Metavolcanic Rocks of the S¯ «duva Suite. **2022**, 55-65	0

114	The Tectonic Evolution and Provenance of the Lower Paleozoic Terrigenous Rocks of the Omulevka and Rassokha Terranes, Northeast Russia. **2022**, 56, 565-585	0
113	Characterization of the Wager shear zone, Nunavut, Canada: Insights from microstructures and geochronology.	0
112	Metallogenic Material Source and Genesis of the Jilinbaolige Pb-Zn-Ag Deposit, the Great Xingâ□n Range, China: Constraints from Mineralogical, S Isotopic, and Pb Isotopic Studies of Sulfide Ores. **2022**, 12, 1512	0
111	Emplacement of the Franklin large igneous province and initiation of the Sturtian Snowball Earth. **2022**, 8,	0
110	Petrography, Geochemical Features and Absolute Dating of the Mesozoic Igneous Rocks of Medvedev and Taezhniy Massifs (Southeast Russia, Aldan Shield). **2022**, 12, 1516	0
109	UâPb Dating of the Sill-Like (Plated) Bodies of the Early Kinematic Series of Gabbrodioriteâ□granodiorites in the Svecofennian Fold-and-Thrust Assemblage of the Ladoga Region. **2022**, 507, 862-870	0
108	Vein-type gold formation during late extensional collapse of the Eastern Desert, Egypt: the Gidami deposit.	1
107	Petrogenesis of the Limerick Igneous Suite: insights into the causes of post-eruptive alteration and the magmatic sources underlying the Iapetus Suture in SW Ireland.	0
106	Apatite Reference Materials for SIMS Microanalysis of Isotopes and Trace Elements.	0
105	Late Miocene exhumation of the Western Cordillera, Ecuador, driven by increased coupling between the subducting Carnegie Ridge and the South American continent.	0
104	Zircon SHRIMP UâPb geochronology, geochemistry, and geological significance of dacite in the Zhesang gold district, southeast Yunnan Province, China.	0
103	Mantle source heterogeneity for Hainan basalts revealed by Pb and Sr isotopic compositions in olivine-hosted melt inclusions. **2022**, 106991	0
102	Pliocene zircon U-Pb ages from tuff in the Hotokegaura area of Shimokita Peninsula, northeast Japan. **2022**, 128, 253-264	0
101	U-Pb Saturn: New U-Pb / Pb-Pb Data Reduction Software for LA-ICP-MS.	0
100	Origin of heavy rare earth elements in highly fractionated peraluminous granites. **2022**,	1
99	Mesoarchaean banded iron formations of the Fennoscandian Shield: new zirconU-Pb (ID-TIMS and SHRIMP-II) isotope ages of noble metal mineralization and Nd-Sr data on whole rocks. 1-14	0
98	Complex Late Triassic-Middle Jurassic Subduction-Related Magmatic History from Detritus of Nominal Middle Jurassic Brooks Range Ophiolite, Northern Alaska. **2022**, 2022,	0
97	Solstad, a Co-Se-bearing copper ore in the Vâ□servik quartzites, Sweden. 1-14	0

96	Al-Mg and U-Pb chronological records of Erg Chech 002 ungrouped achondrite meteorite. **2022**,	0
95	Zinc on the edgeâ□isotopic and geophysical evidence that cratonic edges control world-class shale-hosted zinc-lead deposits.	0
94	Depositional environment and provenance of Early Carboniferous clastic sedimentary rocks at McIsaacs Point, Nova Scotia: Implications for syntectonic basin development during the formation of Pangea. **2023**, 531,	0
93	Greenstone burialâ□exhumation cycles at the late Archean transition to plate tectonics. **2022**, 13,	0
92	Neo-Tethyan subduction triggered Eoceneâ□ligocene magmatism in eastern Iran. 1-21	1
91	The Malâ□zhangarka Carbonatite Massif (Anabar Shield): The Age of Magmatism and Mineralization (Uâ□Pb and Reâ□Os Isotope Systems).	0
90	The Malolotsha Klippe: Large-scale subhorizontal tectonics along the southern margin of the Archean Barberton Greenstone Belt, Eswatini.	0
89	Zircon U Pb geochronology and Lu Hf isotope geochemistry constraints on Neoproterozoic S-type meta-granites from the Tutak area, Sanandaj-Sirjan Zone, Iran. **2022**, 106998	0
88	Orogens of Big Sky Country: Reconstructing the Deep-Time Tectonothermal History of the Beartooth Mountains, Montana and Wyoming, USA.	0
87	Melt sources for alkaline carbonate-bearing rocks of the Terskiy Coast (Kola Alkaline Carbonatitic Province). **2022**, 121267	0
86	Sources, Timing, Environmental and Tectonic Implications of Epigenetic Mineralization Along the Arabian-African Plate Boundary. **2022**, 23,	0
85	Tracking the origin of metasomatic and ore-forming fluids in IOCG deposits through apatite geochemistry (Nautanen North deposit, Norrbotten, Sweden). **2022**, 106995	0
84	Insights into U-Th-Pb mobility during diagenesis from laser ablation U-Pb dating of apatite fossils. **2022**, 121290	0
83	Repeated metamorphism in the pelitic granulites of the Hidaka metamorphic belt, Hokkaido, Japan: Implications for the formation of the present-day trench-arc-basin system in NE Asia.	0
82	Quaternary caldera-forming eruptions at the Sanzugawa caldera, NE Japan, revealed by zircon U-Pb geochronology. 10,	0
81	Geochronology and origin of Paleoproterozoic charnockites with old crustal signature in the Haisyn block of the Ukrainian shield.	0
80	Trace element geochemistry and U-Pb dating of zircon inclusions in sapphire from Southern Vietnam: Indicator of basalt-related sapphire formation. **2023**, 105537	0
79	Natural bitumen hosted uranium mineralization: stability of the radiogenic system.	0

78	The Sanandaj-Sirjan Zone (W. Iran) was a Jurassic passive continental margin: Evidence from igneous rocks of the Songhor area. **2023**, 107023	0
77	The effect of sediment storage in glaciated catchments on multimineral detrital geochronology: Deciphering conflicting zircon and apatite U-Pb dates.	0
76	Implications of multiple fluids in the deposition of Pb-Zn-Ba deposits in the Alvand Mountain, Golpayegan, Iran: Evidence from fluid inclusions and O, C, S isotopes. **2023**, 153, 105300	0
75	Establishing Provenance from Highly Impoverished Heavy Mineral Suites: Detrital Apatite and Zircon Geochronology of Central North Sea Triassic Sandstones. **2023**, 13, 13	0
74	The Formation Age of Pegmatites of the Mama Mica Belt: New UâPb (ID-TIMS) Data on Zircons. **2022**, 507, 987-993	0
73	The Eocene Hiwadatoge Formation, SW Japan: Constraints on the timing of the denudation of the Sambagawa metamorphic rocks. **2022**, 128, 411-426	0
72	Oldest syenitic intrusions of the Yilgarn Craton identified at Karari gold deposit, Carosue Dam camp, Western Australia?. 1-14	0
71	The Kataevo Island Arc System of the Paleoasian Ocean (Transbaikalia): Composition, Age, Paleomagnetism, and Formation Geodynamic Settings.	0
70	Brama: a new freeware Python software for reduction and imaging of LA-ICP-MS data from UâPb scans.	0
69	In situ calcite UâPb geochronology of carbonate and clastic sedimentary rocks from the Canning Basin, Western Australia. 1-12	0
68	Stenian sediments (<1065´ Ma) and Tonian A- and I-type magmatism (1000â970´ Ma) along the western margin of the central Aravalli orogen, NW India: Petrogenetic and geodynamic implications. **2023**, 117, 23-40	0
67	Archean Pb isotope variability tracks crust-mantle fractionation, granite production, and ore deposit formation. **2023**, 620, 121327	0
66	Multi-stage alteration at Nifty copper deposit resolved via accessory mineral dating and trace elements. **2023**, 388, 107018	0
65	Survival of whole-rock SmâNd isotope system from REE redistribution and mineral-scale isotopic resetting amid hydrothermal alteration in REE-rich Fe-Cu deposit. **2023**, 348, 9-26	0
64	Metals and pigments at Amara West: Cross-craft perspectives on practices and provisioning in New Kingdom Nubia. **2023**, 153, 105766	0
63	Two pulses of metallogenesis of the Liwu Stratiform-like Cu-Rich polymetallic Deposit, western China: Evidences from Geology, Re-Os dating and lead isotope. **2023**, 156, 105373	0
62	Skarn Zn-Pb metallogeny in the Tianshan: Spatiotemporal distribution, geological characteristics and genetical model. **2023**, 157, 105408	0
61	Mesoproterozoic (ca. 1.26´ Ga) Srednecheremshansk maficâultramafic intrusion in the southern Siberia: Signature of the Mackenzie event in Siberia. **2023**, 390, 107038	0

60	Petrogenesis of estrela granitoid and implications for the evolution of the rio doce magmatic arc: Araçuaí-Ribeira orogenic system, SE Brazil. **2023**, 126, 104337	0
59	Radiogenic heat production drives Cambrian–Ordovician metamorphism of the Curnamona Province, south-central Australia: Insights from petrochronology and thermal modelling. **2023**, 446-447, 107137	0
58	Neoproterozoic amphibolite-facies metamorphism of the Douling complex in the northern Yangtze Craton and its tectonic implications: Constraints from petrology and zircon U-Pb-Hf-O isotopes. **2023**, 390, 107039	0
57	Tectonic and metallogenic implications of W-Sn related granitoid rocks in the Kawthaung-Bankachon area, southernmost part of Myanmar: Constraints from petrology, geochemistry, and U-Pb zircon geochronology. **2023**, 2, 100188	0
56	Zircon U–Pb ages and Hf and O isotope systematics of crustal zircons from Mesoproterozoic kimberlites of the Dharwar craton, India: Implications for Neoarchean craton assembly. **2023**, 246, 105583	0
55	Petrogenesis of protoliths and U–Th–Pb SHRIMP ages in zircons of the Cerro Negro Paleoproterozoic mylonitic igneous suites, Tandilia belt: Adakitics local fingerprints in the Rio de la Plata craton. **2023**, 126, 104324	0
54	Exploring a new approach for assessing the fate and behavior of the tailings released by the Brumadinho dam collapse (Minas Gerais, Brazil). **2023**, 448, 130828	0
53	A revised model for the George Fisher and Hilton Zn-Pb-Ag deposits, NW Queensland: Insights from the geology, age and alteration of the local dolerite dykes. **2023**, 154, 105311	0
52	Resolving the complex mixing history of ancient Chinese bronzes by Manifold Learning and a Bayesian Mixing Model. **2023**, 151, 105728	0
51	A linkage between early Silurian Nb-REE enriched alkaline magmatism and Neoproterozoic subduction metasomatized mantle in South Qinling, Central China. **2023**, 440-441, 107046	0
50	Scapolite metagabbros of the Xambica Suite: A Tonian OIB magmatism in the crustal evolution of the Araguaia Belt. **2023**, 123, 104217	0
49	Lead Isotope Geochemistry and the Trade in Metals. **2016**, 375-427	0
48	Dating hydrothermal processes related to the formation of the Lagoa Real uranium deposits using in situ U–Pb dating of andradite and titanite. **2023**, 123, 104239	0
47	U-Pb Dating, Lead Isotopes, and Trace Element Composition of Pyrite Hosted in Black Shale and Magmatic Rocks, Malaysia: Implications for Orogenic Gold Mineralization and Exploration. **2023**, 13, 221	0
46	Hf isotope compositions of basaltic rocks from Jeju Island, South Korea: Implications for the origin of the dichotomous isotopic distribution of late Cenozoic magmatism in East Asia. **2023**, 442-443, 107047	0
45	Evolution of an Accretionary Complex (LeMay Group) and Terrane Translation in the Antarctic Peninsula. **2023**, 42,	0
44	Magma evolution in a complex geodynamic setting, South Harghita volcanic area, East-Central Europe: Constraints from magma compositions and zircon petrochronology. **2023**, 442-443, 107059	0
43	New age constraints for the Tommy Creek Domain of the Mount Isa Inlier, Australia. **2023**, 70, 358-374	0

42	Cryogenian A-type Granites of the Yenisei Ridge â Indicators of Tectonic Transformation in the Southwestern Margin of the Siberian Craton.	0
41	Chronology and Magmatic Evolution of Shiobara Caldera-Forming Eruption Deposits, Tochigi Prefecture. **2023**, 129, 61-73	0
40	New insights on the interpretation of the provenance and evolution of the Silurian units in the central Precordillera, Argentina. **2023**, 124, 104245	0
39	Geologic map of the Bald Mountain Quadrangle, northern Bighorn Mountains, Wyoming. **2023**, 60, 21-46	0
38	Dating mylonitic overprinting of ancient rocks. **2023**, 4,	0
37	Carboniferousâ Triassic tectonic and thermal evolution of the middle crust section of the Dervioâ Olgiasca Zone (Southern Alps).	0
36	Metasomatic reactions triggered by localized and dynamically evolving fluid flux record multistage intrusion history: An example from the syntectonic Capivava do Sul Granitic Complex, Southern Brazil. **2023**, 442-443, 107103	0
35	??????????????U-Th-Pb?????. **2022**, 47, 4122	0
34	Insights into the metamorphic history and origin of flake graphite mineralization at the Graphite Creek graphite deposit, Seward Peninsula, Alaska, USA.	0
33	Geochemical and geochronological constraints on the origin of the Sabzevar ophiolites (NE Iran): forced far-field subduction initiation in the upper-plate of the Neo-Tethys subduction zone. **2023**, 125962	0
32	U-Th-Pb and Trace Element Evaluation of Existing Titanite and Apatite LA-ICP-MS Reference Materials and Determination of 208 Pb / 232 Th- 206 Pb / 238 U .	0
31	Feldspar Pb isotope evidence of cryptic impact-driven hydrothermal alteration in the Paleoproterozoic. **2023**, 607, 118073	0
30	Shaping the Huara Intrusive Complex in the Hyperarid Atacama Desertâ Erosional Near-Stasis Contrasting High Topographic Gradients. **2023**, 128,	1
29	The Puduhush gabbro in Griqualand West, South Africa: extendingca.1.89 to 1.83 Ga intraplate magmatism across the proto-Kalahari Craton. **2023**, 126, 75-92	0
28	Petrogenesis of potassic granite suites along the southern margin of the Zimbabwe Craton. **2023**, 126, 1-28	0
27	Formation Age of Early Precambrian Carbonatites in the Southeastern Part of the Charaâ Olyokma Geoblock, Aldan Shield. **2022**, 507, S247-S250	0
26	Paleocene-Eocene High-Pressure Carbonation of Western Alps Serpentinites: Positive Feedback Between Deformation and CO 2 -CH 4 Fluid Ingression Responsible for Slab Slicing?. **2023**, 24,	0
25	Pre-Subduction Architecture Controls Coherent Underplating During Subduction and Exhumation (Nevado-Filâbride Complex, Southern Spain). **2023**, 24,	0

24	New evidence for long-distance trade in arsenical copper during the Early Bronze Age in the southern Levant: analysis of weapons from the Nesher-Ramla cemetery. 1-13	0
23	A New Natural Secondary Reference Material for Garnet U-Pb Dating by TIMS and LA-ICP-MS.	0
22	The Importance of Eurekan Mountains on Cenozoic Sediment Routing on the Western Barents Shelf. **2023**, 13, 91	0
21	Constraining the diagenesis of the Puga cap carbonate from UâPb in-situ dating of seafloor crystal fans, southern Amazonian craton, Brazil.	0
20	Perovskite geochronology and petrogenesis of the Neoproterozoic Mad Gap Yards ultramafic lamprophyre dykes, East Kimberley region, Western Australia. **2023**, 178,	0
19	Late-Orogenic Evolution of the Southern European Variscan Belt Constrained by Fabric Analysis and Dating of the Camarat Granitic Complex and Coeval Felsic Dykes (MauresâTanneron Massif, SE France). **2023**, 42,	0
18	Assembly of the Variscan Orogenic Wedge in the Bohemian Massif: Monazite U-Pb Geochronology of the Tectonic Events Recorded in Saxothuringian Metasediments. **2023**, 42,	0
17	Generation of Neogene adakitic-like magmas in the Argentine Puna-Eastern Cordillera transition: the Huachichocana Subvolcanic Complex.	0
16	Lead-lead (Pb-Pb) dating of eucrites and mesosiderites: Implications for the formation and evolution of Vesta. **2023**, 348, 369-380	0
15	Evaluating the role of tectonic setting in new continental crust formation by Pb isotopic ratios. **2023**, 105653	0
14	Radiogenic Pb in xenotime trapped in nanoscale inclusions of apatite during fluid alteration. **2023**, 121444	0
13	Geochemical characterization, UâPb apatite geochronology, and geodynamic significance of olivine minette dykes from the Julian Alps, NE Italy. 1-16	0
12	Dating Strike-Slip Ductile Shear Through Combined Zircon-, Titanite- and Apatite UâPb Geochronology Along the Southern Tan-Lu Fault Zone, East China. **2023**, 42,	0
11	???,?????????????????????. **2023**, 129, 325-340	0
10	Detrital zircon geochronology of quartzites from the Central Zone of the Limpopo Complex in southern Africa: Implications for different models and the timing of Zimbabwe CratonâKaapvaal Craton amalgamation. **2023**, 104942	0
9	The SHRIMP zircon U-Pb geochronology and microstructural study of the albite-spodumene pegmatite from the Boam Li deposit in Uljin, South Korea.	0
8	Late Paleozoic alkaline granitoids of the Southwestern and Northern Mongolia: UâPb ID TIMS zircon dating, petrogenesis and implications for post-accretion and anorogenic activity of the Central Asian Orogenic Belt. **2023**,	0
7	An early cretaceous thermal event in the Sakar Unit (Strandja Zone, SE Bulgaria/NW Turkey) revealed based on U Pb rutile geochronology and Zr-in-rutile thermometry. **2023**, 107186	0

6	DQPB: software for calculating disequilibrium UâPb ages. **2023**, 5, 181-196	0
5	Thermal evolution of the lower crust beneath the Transantarctic Mountains. **2023**, 121504	0
4	Metagabbro-Dolerites of the Central Part of the Kara Depression, Nenets Autonomous District, Russia: Influence of an Impact Event and the UâPb (LAâICPâMS) Age. **2023**, 61, 359-373	0
3	Middle Triassic to Jurassic convergence at the north-western margin of Gondwana: insights from the Central Cordillera of Colombia. 1-21	0
2	U-Pb DATING OF APATITE FROM SILVERMINES DEPOSIT, IRELAND: A MODEL FOR HYDROTHERMAL ORE GENESIS.	0
1	Statistical chronometry of meteorites. I. A Test of 26Al homogeneity and the Pb-Pb age of the solar systemâ t=0. **2023**, 115607	0