

Hilary Downes

List of Publications by Year in descending order

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138
papers

6,989
citations

41344

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64796

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142
all docs

142
docs citations

142
times ranked

3636
citing authors

#	ARTICLE	IF	CITATIONS
1	Miocene extension and magma generation in the Apuseni Mts. (western Romania): a review. <i>International Geology Review</i> , 2022, 64, 1885-1911.	2.1	4
2	Incompatible element-enriched mantle lithosphere beneath kimberlitic pipes in Priazovie, Ukrainian shield: volatile-enriched focused melt flow and connection to mature crust?. <i>International Geology Review</i> , 2021, 63, 1288-1309.	2.1	4
3	Deep mantle roots of the Zarnitsa kimberlite pipe, Siberian craton, Russia: Evidence for multistage polybaric interaction with mantle melts. <i>Journal of Asian Earth Sciences</i> , 2021, 213, 104756.	2.3	4
4	The age of the lower crust of the central part of the Columbia supercontinent: A review of zircon data. <i>Gondwana Research</i> , 2021, 96, 37-55.	6.0	5
5	Mush remobilisation and mafic recharge: A study of the crystal cargo of the 2013â€“17 eruption at VolcÃ¡n de Colima, Mexico. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 416, 107296.	2.1	8
6	Reconstructions of lithospheric mantle beneath Aldan shield based on deep-seated xenocrysts from lamprophyres of Chompolo field, Russia. <i>Journal of Earth System Science</i> , 2021, 130, 1.	1.3	1
7	Thermobarometry and Geochemistry of Mantle Xenoliths from Zapolyarnaya Pipe, Upper Muna Field, Yakutia: Implications for Mantle Layering, Interaction with Plume Melts and Diamond Grade. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 755.	2.0	5
8	Aillikites and Alkali Ultramafic Lamprophyres of the Beloziminsky Alkaline Ultrabasic-Carbonatite Massif: Possible Origin and Relations with Ore Deposits. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 404.	2.0	13
9	High-Alumina Pyroxenite Xenoliths from Quaternary Basalt of Spitsbergen Island: Evidence for Continental Crust Delamination. <i>Doklady Earth Sciences</i> , 2019, 485, 413-417.	0.7	1
10	The first samples from Almahata Sitta showing contacts between ureilitic and chondritic lithologies: Implications for the structure and composition of asteroid 2008 TC ₃ . <i>Meteoritics and Planetary Science</i> , 2019, 54, 2769-2813.	1.6	32
11	MELANIE JANE RAY (1973â€“2018). <i>Mineralogical Magazine</i> , 2019, 83, 151-151.	1.4	1
12	From catastrophic collapse to multi-phase deposition: Flow transformation, seafloor interaction and triggered eruption following a volcanic-island landslide. <i>Earth and Planetary Science Letters</i> , 2019, 517, 135-147.	4.4	32
13	Mantle source heterogeneity in subduction zones: constraints from elemental and isotope (Sr, Nd) Tj ETQq1 1 0.784314 rgBT /Overlo	1.1	6
14	Geochemistry of the Serifos calc-alkaline granodiorite pluton, Greece: constraining the crust and mantle contributions to I-type granitoids. <i>International Journal of Earth Sciences</i> , 2018, 107, 1657-1688.	1.8	10
15	Discovery of a meteoritic ejecta layer containing unmelted impactor fragments at the base of Paleocene lavas, Isle of Skye, Scotland. <i>Geology</i> , 2018, 46, 171-174.	4.4	9
16	Geochronology of Metamorphic Events in the Lower Crust beneath NW Russia: a Xenolith Hf Isotope Study. <i>Journal of Petrology</i> , 2017, 58, 1567-1589.	2.8	6
17	Metasomatic Processes Revealed by Trace Element and Redox Signatures of the Lithospheric Mantle Beneath the Massif Central, France. <i>Journal of Petrology</i> , 2017, 58, 395-422.	2.8	23
18	Metasomatic Reaction Phenomena from Entrainment to Surface Cooling: Evidence from Mantle Peridotite Xenoliths from Bulgaria. <i>Journal of Petrology</i> , 2017, 58, 599-640.	2.8	2

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19	Textures in spinel peridotite mantle xenoliths using micro-CT scanning: Examples from Canary Islands and France. <i>Lithos</i> , 2017, 276, 90-102.	1.4	11
20	Interaction between protokimberlite melts and mantle lithosphere: Evidence from mantle xenoliths from the Dalnyaya kimberlite pipe, Yakutia (Russia). <i>Geoscience Frontiers</i> , 2017, 8, 693-710.	8.4	15
21	Alakit and Daldyn kimberlite fields, Siberia, Russia: Two types of mantle sub-terrane beneath central Yakutia?. <i>Geoscience Frontiers</i> , 2017, 8, 671-692.	8.4	17
22	Monomineral universal clinopyroxene and garnet barometers for peridotitic, eclogitic and basaltic systems. <i>Geoscience Frontiers</i> , 2017, 8, 775-795.	8.4	25
23	An analysis of Apollo lunar soil samples 12070,889, 12030,187, and 12070,891: Basaltic diversity at the Apollo 12 landing site and implications for classification of small-sized lunar samples. <i>Meteoritics and Planetary Science</i> , 2016, 51, 1654-1677.	1.6	9
24	Comparison of mantle lithosphere beneath early Triassic kimberlite fields in Siberian craton reconstructed from deep-seated xenocrysts. <i>Geoscience Frontiers</i> , 2016, 7, 639-662.	8.4	12
25	Petrology of a nonindigenous microgranitic clast in polymict ureilite 87720: Evidence for formation of evolved melt on an unknown parent body. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1613-1623.	1.6	5
26	Isotopic composition of carbon and nitrogen in ureilitic fragments of the Almahata Sitta meteorite. <i>Meteoritics and Planetary Science</i> , 2015, 50, 255-272.	1.6	10
27	Trace-element abundances in the shallow lithospheric mantle of the North Atlantic Craton margin: Implications for melting and metasomatism beneath Northern Scotland. <i>Mineralogical Magazine</i> , 2015, 79, 877-907.	1.4	15
28	The Sytykanskaya kimberlite pipe: Evidence from deep-seated xenoliths and xenocrysts for the evolution of the mantle beneath Alakit, Yakutia, Russia. <i>Geoscience Frontiers</i> , 2015, 6, 687-714.	8.4	14
29	Hf-Zr anomalies in clinopyroxene from mantle xenoliths from France and Poland: implications for Lu-Hf dating of spinel peridotite lithospheric mantle. <i>International Journal of Earth Sciences</i> , 2015, 104, 89-102.	1.8	15
30	Picroilmenites in Yakutian kimberlites: variations and genetic models. <i>Solid Earth</i> , 2014, 5, 915-938.	2.8	18
31	Oxidation State of the Lithospheric Mantle below the Massif Central, France. <i>Journal of Petrology</i> , 2014, 55, 2457-2480.	2.8	17
32	Searching for nonlocal lithologies in the Apollo 12 regolith: A geochemical and petrological study of basaltic coarse fines from the Apollo lunar soil sample 12023,155. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1288-1304.	1.6	8
33	Layering of the lithospheric mantle beneath the Siberian Craton: Modeling using thermobarometry of mantle xenolith and xenocrysts. <i>Tectonophysics</i> , 2014, 634, 55-75.	2.2	28
34	Regularities and mechanism of formation of the mantle lithosphere structure beneath the Siberian Craton in comparison with other cratons. <i>Gondwana Research</i> , 2013, 23, 4-24.	6.0	32
35	Lower-Crustal Xenoliths from Jurassic Kimberlite Diatremes, Upper Michigan (USA): Evidence for Proterozoic Orogenesis and Plume Magmatism in the Lower Crust of the Southern Superior Province. <i>Journal of Petrology</i> , 2013, 54, 575-608.	2.8	19
36	Continuing the Carbonatite Controversy Preface. <i>Mineralogical Magazine</i> , 2012, 76, 255-257.	1.4	11

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37	Composition and thermal structure of the lithospheric mantle beneath kimberlite pipes from the Catoca cluster, Angola. <i>Tectonophysics</i> , 2012, 530-531, 128-151.	2.2	32
38	Petrology and Geochemistry of Granulite Xenoliths from Udachnaya and Komsomolskaya Kimberlite Pipes, Siberia. <i>Journal of Petrology</i> , 2011, 52, 1857-1885.	2.8	33
39	Pyroxenites and megacrysts from Vitim picrite-basalts (Russia): Polybaric fractionation of rising melts in the mantle?. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 14-37.	2.3	44
40	MicroRaman spectroscopy of diamond and graphite in Almahata Sitta and comparison with other ureilites. <i>Meteoritics and Planetary Science</i> , 2011, 46, 364-378.	1.6	32
41	Tectonic significance of changes in post-subduction Pliocene–Quaternary magmatism in the south east part of the Carpathian–Pannonian Region. <i>Tectonophysics</i> , 2011, 502, 146-157.	2.2	85
42	A chemostratigraphic investigation of the prehistoric Vavalaci lava sequence on Mount Etna: Simulating borehole drilling. <i>Lithos</i> , 2011, 125, 423-433.	1.4	4
43	Geochemistry and tectonic development of Cenozoic magmatism in the Carpathian–Pannonian region. <i>Gondwana Research</i> , 2011, 20, 655-672.	6.0	121
44	The lithospheric mantle and lower crust–mantle relationships under Scotland: a xenolithic perspective. <i>Journal of the Geological Society</i> , 2011, 168, 873-886.	2.1	43
45	Metasomatic effects in the lithospheric mantle beneath the NE Bohemian Massif: A case study of Lutynia (SW Poland) peridotite xenoliths. <i>Lithos</i> , 2010, 117, 49-60.	1.4	29
46	Structure of the deep crust beneath the Central Indian Tectonic Zone: An integration of geophysical and xenolith data. <i>Gondwana Research</i> , 2010, 17, 162-170.	6.0	22
47	Mafic alkaline metasomatism in the lithosphere underneath East Serbia: evidence from the study of xenoliths and the host alkali basalts. <i>Geological Society Special Publication</i> , 2010, 337, 213-239.	1.3	9
48	Quantitative characterization of textures in mantle spinel peridotite xenoliths. <i>Geological Society Special Publication</i> , 2010, 337, 195-211.	1.3	5
49	Cryptic metasomatism in clino- and orthopyroxene in the upper mantle beneath the Pannonian region. <i>Geological Society Special Publication</i> , 2010, 337, 177-194.	1.3	13
50	Petrology and geodynamical interpretation of mantle xenoliths from Late Cretaceous lamprophyres, Villány Mts (S Hungary). <i>Tectonophysics</i> , 2010, 489, 43-54.	2.2	6
51	Petrological evolution of the European lithospheric mantle: introduction. <i>Geological Society Special Publication</i> , 2010, 337, 1-5.	1.3	9
52	K. Thomson and N. Petford (editors). <i>Structure and Emplacement of High-Level Magmatic Systems</i> . The Geological Society, London, Special Publications, 2008, vol. 302, 240 pp. List Price £85, Hardback. ISBN 978-1-86239-256-4. <i>Mineralogical Magazine</i> , 2010, 74, 183-183.	1.4	1
53	P. Henderson and G.M. Henderson. <i>The Cambridge Handbook of Earth Science Data</i> . Cambridge University Press, 2009, 220 pp. ISBN-13: 9780521693172. Paperback £17.99. <i>Mineralogical Magazine</i> , 2010, 74, 1.4 802-802.		0
54	In situ Serpentinization and Hydrous Fluid Metasomatism in Spinel Dunite Xenoliths from the Bearpaw Mountains, Montana, USA. <i>Journal of Petrology</i> , 2009, 50, 1443-1475.	2.8	34

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55	Petrological Evolution of the European Lithospheric Mantle: from Archean to Present Day. <i>Journal of Petrology</i> , 2009, 50, 1181-1184.	2.8	11
56	The U, Th and Pb elemental and isotope compositions of mantle clinopyroxenes and their grain boundary contamination derived from leaching and digestion experiments. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 469-488.	3.9	18
57	Trace element and age characteristics of zircons in granulite xenoliths from the Udachnaya kimberlite pipe, Siberia. <i>Precambrian Research</i> , 2009, 168, 197-212.	2.7	43
58	Lower crustal contamination of Deccan Traps magmas: evidence from tholeiitic dykes and granulite xenoliths from western India. <i>Mineralogy and Petrology</i> , 2008, 93, 243-272.	1.1	16
59	Evidence from polymict ureilite meteorites for a disrupted and re-accreted single ureilite parent asteroid gardened by several distinct impactors. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 4825-4844.	3.9	90
60	Geochemistry, Petrogenesis and Geodynamic Relationships of Miocene Calc-alkaline Volcanic Rocks in the Western Carpathian Arc, Eastern Central Europe. <i>Journal of Petrology</i> , 2007, 48, 2261-2287.	2.8	71
61	Ree and Sr-Nd Isotope Compositions of Clinopyroxenites, Phoscorites and Carbonatites of the Sebyavr Massif, Kola Peninsula, Russia. <i>Mineralogia</i> , 2007, 38, 29-45.	0.8	5
62	U-Pb and Lu-Hf isotopic constraints on the evolution of sub-continental lithospheric mantle, French Massif Central. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 1290-1311.	3.9	62
63	Generation of normal and adakite-like calc-alkaline magmas in a non-subductional environment: An Sr-O-H isotopic study of the Apuseni Mountains neogene magmatic province, Romania. <i>Chemical Geology</i> , 2007, 245, 70-88.	3.3	25
64	Geodynamic significance of ultramafic xenoliths from Eastern Serbia: Relics of sub-arc oceanic mantle?. <i>Journal of Geodynamics</i> , 2007, 43, 504-527.	1.6	19
65	Petrology and geochemistry of a cumulate xenolith suite from Bute: evidence for late Palaeozoic crustal underplating beneath SW Scotland. <i>Journal of the Geological Society</i> , 2007, 164, 1217-1231.	2.1	19
66	Modification of the subcontinental mantle beneath East Serbia: Evidence from orthopyroxene-rich xenoliths. <i>Lithos</i> , 2007, 94, 90-110.	1.4	19
67	Depletion and enrichment processes in the lithospheric mantle beneath the Kola Peninsula (Russia): Evidence from spinel lherzolite and wehrlite xenoliths. <i>Lithos</i> , 2007, 94, 1-24.	1.4	36
68	Origin and significance of spinel and garnet pyroxenites in the shallow lithospheric mantle: Ultramafic massifs in orogenic belts in Western Europe and NW Africa. <i>Lithos</i> , 2007, 99, 1-24.	1.4	149
69	Tertiary-Quaternary subduction processes and related magmatism in the Alpine-Mediterranean region. <i>Geological Society Memoir</i> , 2006, 32, 167-190.	1.7	44
70	A petrological, mineralogical, and chemical analysis of the lunar mare basalt meteorite LaPaz Icefield 02205, 02224, and 02226. <i>Meteoritics and Planetary Science</i> , 2006, 41, 1003-1025.	1.6	50
71	Dating the mantle roots of young continental crust. <i>Geology</i> , 2006, 34, 237.	4.4	46
72	Tertiary-Quaternary intra-plate magmatism in Europe and its relationship to mantle dynamics. <i>Geological Society Memoir</i> , 2006, 32, 147-166.	1.7	69

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73	Robin Clayton 1960–2005. <i>Mineralogical Magazine</i> , 2006, 70, 743-744.	1.4	0
74	Petrogenetic processes in the ultramafic, alkaline and carbonatitic magmatism in the Kola Alkaline Province: A review. <i>Lithos</i> , 2005, 85, 48-75.	1.4	147
75	Geochemical response of magmas to Neogene–Quaternary continental collision in the Carpathian–Pannonian region: A review. <i>Tectonophysics</i> , 2005, 410, 485-499.	2.2	58
76	Tertiary Ultrapotassic Volcanism in Serbia: Constraints on Petrogenesis and Mantle Source Characteristics. <i>Journal of Petrology</i> , 2005, 46, 1443-1487.	2.8	145
77	F. Wall and A.N. Zaitsev (editors) <i>Phoscorites and Carbonatites from Mantle to Mine: the key example of the Kola Alkaline Province</i> . 2004, xv + 498 pp. Price £89.00 (US \$160) (members of the Mineralogical Society of London). 1.4	0.784314	14
78	Ultramafic Xenoliths from the Bearpaw Mountains, Montana, USA: Evidence for Multiple Metasomatic Events in the Lithospheric Mantle beneath the Wyoming Craton. <i>Journal of Petrology</i> , 2004, 45, 1631-1662.	2.8	97
79	Origin and geodynamic significance of Tertiary postcollisional basaltic magmatism in Serbia (central) Tectonophysics, 2004, 410, 485-499.	1.4	112
80	Natural experimental charges: an ion-microprobe study of trace element distribution coefficients in glass-rich hornblendite and clinopyroxenite xenoliths. <i>Lithos</i> , 2004, 75, 1-17.	1.4	37
81	Granulite and pyroxenite xenoliths from the Deccan Trap: insight into the nature and composition of the lower lithosphere beneath cratonic India. <i>Lithos</i> , 2004, 78, 263-290.	1.4	86
82	Characteristics of the lithospheric mantle beneath East Serbia inferred from ultramafic xenoliths in Palaeogene basanites. <i>Contributions To Mineralogy and Petrology</i> , 2004, 148, 335-357.	3.1	35
83	Compositional diversity of Eocene–Oligocene basaltic magmatism in the Eastern Rhodopes, SE Bulgaria: implications for genesis and tectonic setting. <i>Tectonophysics</i> , 2004, 393, 301-328.	2.2	100
84	Post-collisional Tertiary–Quaternary mafic alkalic magmatism in the Carpathian–Pannonian region: a review. <i>Tectonophysics</i> , 2004, 393, 43-62.	2.2	100
85	Lower crustal granulite xenoliths from the Pannonian Basin, Hungary. Part 1: mineral chemistry, thermobarometry and petrology. <i>Contributions To Mineralogy and Petrology</i> , 2003, 144, 652-670.	3.1	44
86	Lower crustal granulite xenoliths from the Pannonian Basin, Hungary, Part 2: Sr–Nd–Pb–Hf and O isotope evidence for formation of continental lower crust by tectonic emplacement of oceanic crust. <i>Contributions To Mineralogy and Petrology</i> , 2003, 144, 671-683.	3.1	68
87	Mantle domains in the lithosphere beneath the French Massif Central: trace element and isotopic evidence from mantle clinopyroxenes. <i>Chemical Geology</i> , 2003, 200, 71-87.	3.3	76
88	Proterozoic zircon ages from lower crustal granulite xenoliths, Kola Peninsula, Russia: evidence for crustal growth and reworking. <i>Journal of the Geological Society</i> , 2002, 159, 485-488.	2.1	40
89	Geochemistry and Sr–Nd isotopic compositions of mantle xenoliths from the Monte Vulture carbonatite–melilitite volcano, central southern Italy. <i>Contributions To Mineralogy and Petrology</i> , 2002, 144, 78-92.	3.1	69
90	Almandine Garnet in Calc-alkaline Volcanic Rocks of the Northern Pannonian Basin (Eastern–Central) Tectonophysics, 2004, 410, 485-499.	2.8	153

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91	Formation and Modification of the Shallow Sub-continental Lithospheric Mantle: a Review of Geochemical Evidence from Ultramafic Xenolith Suites and Tectonically Emplaced Ultramafic Massifs of Western and Central Europe. <i>Journal of Petrology</i> , 2001, 42, 233-250.	2.8	245
92	The lower crust of SE Belarus: petrological, geophysical and geochemical constraints from xenoliths. <i>Tectonophysics</i> , 2001, 339, 215-237.	2.2	24
93	The lower crust beneath cratonic north-east Europe: isotopic constraints from garnet granulite xenoliths. <i>Terra Nova</i> , 2001, 13, 395-400.	2.1	13
94	Magmagenesis in a subduction-related post-collisional volcanic arc segment: the Ukrainian Carpathians. <i>Lithos</i> , 2001, 57, 237-262.	1.4	74
95	Geochemistry of mafic and ultramafic xenoliths from Fidra (Southern Uplands, Scotland): implications for lithospheric processes in Permo-Carboniferous times. <i>Lithos</i> , 2001, 58, 105-124.	1.4	31
96	Miocene subduction-related magmatism in southern Sardinia: Sr ⁸⁷ /Nd ¹⁴³ and oxygen isotopic evidence for mantle source enrichment. <i>Journal of Volcanology and Geothermal Research</i> , 2001, 106, 1-22.	2.1	49
97	Garnet Granulite Xenoliths from the Northern Baltic Shield—the Underplated Lower Crust of a Palaeoproterozoic Large Igneous Province?. <i>Journal of Petrology</i> , 2001, 42, 731-763.	2.8	73
98	Geochemistry and mineralogy of kimberlites from the Arkhangelsk Region, NW Russia: evidence for transitional kimberlite magma types. <i>Lithos</i> , 2000, 51, 47-73.	1.4	82
99	U ²³⁸ /Pb zircon ages from a Devonian carbonatite dyke, Kola peninsula, Russia: a record of geological evolution from the Archaean to the Palaeozoic. <i>Lithos</i> , 2000, 51, 95-108.	1.4	74
100	Lower crustal granulite xenoliths from the Arkhangelsk kimberlite pipes: petrological, geochemical and geophysical results. <i>Lithos</i> , 2000, 51, 135-151.	1.4	33
101	Hf ¹⁷⁶ /Nd isotopic evolution of the lower crust. <i>Earth and Planetary Science Letters</i> , 2000, 181, 115-129.	4.4	172
102	Nature and Composition of the Lower Continental Crust in Central Spain and the Granulite-Granite Linkage: Inferences from Granulitic Xenoliths. <i>Journal of Petrology</i> , 1999, 40, 1465-1496.	2.8	117
103	Determination of Incompatible Trace Elements in Mantle Clinopyroxenes by LA-ICP-MS: A Comparison of Analytical Performance with Established Techniques. <i>Geostandards and Geoanalytical Research</i> , 1999, 23, 157-172.	3.1	17
104	Geochemical variation in peridotite xenoliths and their constituent clinopyroxenes from Ray Pic (French Massif Central): implications for the composition of the shallow lithospheric mantle. <i>Chemical Geology</i> , 1999, 153, 11-35.	3.3	101
105	Mineralogy and geochemistry of Devonian ultramafic minor intrusions of the southern Kola Peninsula, Russia: implications for the petrogenesis of kimberlites and melilitites. <i>Contributions To Mineralogy and Petrology</i> , 1998, 130, 288-303.	3.1	76
106	Magmatic constraints on geodynamic models of subduction in the East Carpathians, Romania. <i>Tectonophysics</i> , 1998, 297, 157-176.	2.2	108
107	Mafic Granulite Xenoliths in Neogene Alkali Basalts from the Western Pannonian Basin: Insights into the Lower Crust of a Collapsed Orogen. <i>Journal of Petrology</i> , 1997, 38, 941-970.	2.8	94
108	Sr, Nd and ³⁶ Al (1997) ¹²² Hercynian granodiorites and monzogranites, Massif Central, France. <i>Chemical Geology</i> , 1997, 136, 99-122.	3.3	73

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109	Geochemical constraints on restite composition and unmixing in the Velay anatectic granite, French Massif Central. <i>Lithos</i> , 1997, 40, 295-319.	1.4	48
110	Relationship between deformation, equilibration temperatures, REE and radiogenic isotopes in mantle xenoliths (Ray Pic, Massif Central, France): an example of plume-lithosphere interaction?. <i>Contributions To Mineralogy and Petrology</i> , 1997, 127, 187-203.	3.1	80
111	Geochemical constraints on the genesis of Hercynian two-mica leucogranites from the Massif Central, France. <i>Chemical Geology</i> , 1996, 127, 25-42.	3.3	78
112	Petrogenesis of Devonian lamprophyre and carbonatite minor intrusions, Kandalaksha Gulf (Kola) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.4	52
113	Spinel-peridotite xenoliths from Kapfenstein (Graz Basin, Eastern Austria): A geochemical and petrological study. <i>Mineralogy and Petrology</i> , 1996, 57, 23-50.	1.1	36
114	Crustal Assimilation as a Major Petrogenetic Process in the East Carpathian Neogene and Quaternary Continental Margin Arc, Romania. <i>Journal of Petrology</i> , 1996, 37, 927-959.	2.8	106
115	A. Hall <i>Igneous Petrology</i> , 2nd edition. London (Longman Group), 1996. xiv + 552 pp. Price £26.99. ISBN 0-582-23080-2. <i>Mineralogical Magazine</i> , 1996, 60, 855-856.	1.4	0
116	Petrology and geochemistry of xenoliths from the Northern Baltic shield: evidence for partial melting and metasomatism in the lower crust beneath an Archaean terrane. <i>Lithos</i> , 1995, 36, 157-184.	1.4	82
117	Petrology and geochemistry of late Tertiary/Quaternary mafic alkaline volcanism in Romania. <i>Lithos</i> , 1995, 35, 65-81.	1.4	101
118	Ultramafic Xenoliths in Plio-Pleistocene Alkali Basalts from the Eastern Transylvanian Basin: Depleted Mantle Enriched by Vein Metasomatism. <i>Journal of Petrology</i> , 1995, 36, 23-53.	2.8	128
119	INAA, IDMS and SIMS comparative REE investigations of clinopyroxenes from mantle xenoliths with different textures. <i>Chemical Geology</i> , 1994, 118, 85-108.	3.3	22
120	The nature of the lower continental crust of Europe: petrological and geochemical evidence from xenoliths. <i>Physics of the Earth and Planetary Interiors</i> , 1993, 79, 195-218.	1.9	135
121	The quartz-diorites of Limousin: Elemental and isotopic evidence for Devono-Carboniferous subduction in the Hercynian belt of the French Massif Central. <i>Chemical Geology</i> , 1993, 107, 1-18.	3.3	75
122	The Petrogenesis of Pliocene Alkaline Volcanic Rocks from the Pannonian Basin, Eastern Central Europe. <i>Journal of Petrology</i> , 1993, 34, 317-343.	2.8	145
123	The relationship between crustal magmatic underplating and granite genesis: an example from the Velay granite complex, Massif Central, France. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1992, 83, 235-245.	0.3	41
124	Mafic alkaline magmatism associated with the European Cenozoic rift system. <i>Tectonophysics</i> , 1992, 208, 173-182.	2.2	88
125	Petrology and geochemistry of spinel peridotite xenoliths from the western Pannonian Basin (Hungary): evidence for an association between enrichment and texture in the upper mantle. <i>Contributions To Mineralogy and Petrology</i> , 1992, 109, 340-354.	3.1	116
126	Pb and O isotope systematics in granulite facies xenoliths, French Massif Central: implications for crustal processes. <i>Earth and Planetary Science Letters</i> , 1991, 102, 342-357.	4.4	56

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127	Tertiary–Quaternary Extension-Related Alkaline Magmatism in Western and Central Europe. <i>Journal of Petrology</i> , 1991, 32, 811-849.	2.8	398
128	Petrology and geochemistry of Mesozoic igneous rocks, Bükk Mountains, Hungary. <i>Lithos</i> , 1990, 24, 201-215.	1.4	15
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