

Suzanne Y. O'Reilly

List of Publications by Year in descending order

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438
papers

42,451
citations

1980

101
h-index

2940

189
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452
all docs

452
docs citations

452
times ranked

9472
citing authors

#	ARTICLE	IF	CITATIONS
1	The subantarctic lithospheric mantle. <i>Geological Society Memoir</i> , 2023, 56, 115-132.	0.9	2
2	Immiscible metallic melts in the upper mantle beneath Mount Carmel, Israel: Silicides, phosphides, and carbides. <i>American Mineralogist</i> , 2022, 107, 532-549.	0.9	10
3	Geochemical variability among stratiform chromitites and ultramafic rocks from Western Makran, South Iran. <i>Lithos</i> , 2022, 412-413, 106591.	0.6	3
4	Temporal changes in subduction- to collision-related magmatism in the Neotethyan orogen: The Southeast Iran example. <i>Earth-Science Reviews</i> , 2022, 226, 103930.	4.0	14
5	Structure and composition of the lithosphere beneath Mount Carmel, North Israel. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	1.2	6
6	Thermochemical structure and evolution of cratonic lithosphere in central and southern Africa. <i>Nature Geoscience</i> , 2022, 15, 405-410.	5.4	12
7	Apatite halogens and Sr-O and zircon Hf-O isotopes: Recycled volatiles in Jurassic porphyry ore systems in southern Tibet. <i>Chemical Geology</i> , 2022, 605, 120924.	1.4	40
8	In-situ mineralogical interpretation of the mantle geophysical signature of the Gangdese Cu-porphyry mineral system. <i>Gondwana Research</i> , 2022, 111, 53-63.	3.0	15
9	Pyroxenite Xenoliths Record Complex Melt Impregnation in the Deep Lithosphere of the Northwestern North China Craton. <i>Journal of Petrology</i> , 2021, 62, .	1.1	9
10	Cenozoic lithospheric architecture and metallogensis in Southeastern Tibet. <i>Earth-Science Reviews</i> , 2021, 214, 103472.	4.0	66
11	Ti ³⁺ in corundum traces crystal growth in a highly reduced magma. <i>Scientific Reports</i> , 2021, 11, 2439.	1.6	10
12	Deep lithosphere of the North China Craton archives the fate of the Paleo-Asian Ocean. <i>Earth-Science Reviews</i> , 2021, 215, 103554.	4.0	10
13	Recycled volatiles determine fertility of porphyry deposits in collisional settings. <i>American Mineralogist</i> , 2021, 106, 656-661.	0.9	80
14	Melting Dynamics of Late Cretaceous Lamprophyres in Central Asia Suggest a Mechanism to Explain Many Continental Intraplate Basaltic Suite Magmatic Provinces. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021663.	1.4	7
15	The microstructure of layered ultramafic cumulates: Case study of the Bear Creek intrusion, Trinity ophiolite, California, USA. <i>Lithos</i> , 2021, 388-389, 106047.	0.6	3
16	Nitrogen under Super-Reducing Conditions: Ti Oxynitride Melts in Xenolithic Corundum Aggregates from Mt Carmel (N. Israel). <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 780.	0.8	4
17	Melt Migration and Interaction in a Dunite Channel System within Oceanic Forearc Mantle: the Yushigou Harzburgite's Dunite Associations, North Qilian Ophiolite (NW China). <i>Journal of Petrology</i> , 2021, 62, .	1.1	10
18	Open System Re-Os Isotope Behavior in Platinum-Group Minerals during Laterization?. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1030.	0.8	3

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19	Subduction initiation and back-arc opening north of Neo-Tethys: Evidence from the Late Cretaceous Torbat-e-Heydarieh ophiolite of NE Iran. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1083-1105.	1.6	20
20	Reworking of old continental lithosphere: Unradiogenic Os and decoupled Hf Nd isotopes in sub-arc mantle pyroxenites. <i>Lithos</i> , 2020, 354-355, 105346.	0.6	9
21	Repeated magmatic buildup and deep "hot zones" in continental evolution: The Cadomian crust of Iran. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115989.	1.8	32
22	Sulfide in dunite channels reflects long-distance reactive migration of mid-ocean-ridge melts from mantle source to crust: A Re-Os isotopic perspective. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115969.	1.8	19
23	Metasomatic control of hydrogen contents in the layered cratonic mantle lithosphere sampled by Lac de Gras xenoliths in the central Slave craton, Canada. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 286, 29-53.	1.6	13
24	Re-Os Isotope Systematics of Sulfides in Chromitites and Host Lherzolites of the Andaman Ophiolite, India. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 686.	0.8	6
25	Sulfide Aggregation in Ophiolitic Dunite Channels Explains Os Isotope Mismatch between Oceanic Crust and Mantle. <i>Acta Geologica Sinica</i> , 2020, 94, 66-66.	0.8	0
26	Parageneses of TiB ₂ in corundum xenoliths from Mt. Carmel, Israel: Siderophile behavior of boron under reducing conditions. <i>American Mineralogist</i> , 2020, 105, 1609-1621.	0.9	15
27	Lithospheric memory of subduction in mantle pyroxenite xenoliths from rift-related basalts. <i>Earth and Planetary Science Letters</i> , 2020, 544, 116365.	1.8	12
28	Oceanization of the subcontinental lithospheric mantle recorded in the Yunzhug ophiolite, Central Tibetan Plateau. <i>Lithos</i> , 2020, 370-371, 105612.	0.6	6
29	New constraints on the source, composition, and post-emplacement modification of kimberlites from in situ "O" Sr-isotope analyses of carbonates from the Benfontein sills (South Africa). <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	11
30	Corrigendum to "Sulfide in dunite channels reflects long-distance reactive migration of mid-ocean-ridge melts from mantle source to crust: A Re-Os isotopic perspective" [Earth Planet. Sci. Lett. 531 (2020) 115969]. <i>Earth and Planetary Science Letters</i> , 2020, 535, 116136.	1.8	2
31	Extreme reduction: Mantle-derived oxide xenoliths from a hydrogen-rich environment. <i>Lithos</i> , 2020, 358-359, 105404.	0.6	17
32	Tracking the birth and growth of Cimmeria: Geochronology and origins of intrusive rocks from NW Iran. <i>Gondwana Research</i> , 2020, 87, 188-206.	3.0	5
33	Immiscible metallic melts in the deep Earth: clues from moissanite (SiC) in volcanic rocks. <i>Science Bulletin</i> , 2020, 65, 1479-1488.	4.3	13
34	Australian laterites reveal mechanisms governing scandium dynamics in the critical zone. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 260, 292-310.	1.6	34
35	Pre-Mesozoic Crimea as a continuation of the Dobrogea platform: insights from detrital zircons in Upper Jurassic conglomerates, Mountainous Crimea. <i>International Journal of Earth Sciences</i> , 2019, 108, 2407-2428.	0.9	15
36	Late Cretaceous subduction-related magmatism on the southern edge of Sabzevar basin, NE Iran. <i>Journal of the Geological Society</i> , 2019, 176, 530-552.	0.9	23

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37	Feedback of mantle metasomatism on olivine microfabric and seismic properties of the deep lithosphere. <i>Lithos</i> , 2019, 328-329, 43-57.	0.6	3
38	Discussion of Enigmatic super-reduced phases in corundum from natural rocks: Possible contamination from artificial abrasive materials or metallurgical slags by Litasov et al. (<i>Lithos</i>), 2019, 328-329, 43-57.	0.6	3
39	Lateral and Vertical Heterogeneity in the Lithospheric Mantle at the Northern Margin of the Pannonian Basin Reconstructed From Peridotite Xenolith Microstructures. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 6315-6336.	1.4	12
40	Lithospheric mapping: a pathfinder for hidden terrane and ore systems in southern Lhasa block. <i>Acta Geologica Sinica</i> , 2019, 93, 204-204.	0.8	0
41	Making and unmaking continental mantle: Geochemical and geophysical perspectives. <i>Acta Geologica Sinica</i> , 2019, 93, 249-250.	0.8	1
42	Langshan basalts record recycled Paleo-Asian oceanic materials beneath the northwest North China Craton. <i>Chemical Geology</i> , 2019, 524, 88-103.	1.4	21
43	A terrestrial magmatic hibonite-grossite-vanadium assemblage: Desilication and extreme reduction in a volcanic plumbing system, Mount Carmel, Israel. <i>American Mineralogist</i> , 2019, 104, 207-219.	0.9	32
44	Cu isotopes reveal initial Cu enrichment in sources of giant porphyry deposits in a collisional setting. <i>Geology</i> , 2019, 47, 135-138.	2.0	65
45	Discovery of the first natural hydride. <i>American Mineralogist</i> , 2019, 104, 611-614.	0.9	14
46	Mud Tank Zircon: Long-Term Evaluation of a Reference Material for U-Pb Dating, Hf Isotope Analysis and Trace Element Analysis. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 339-354.	1.7	46
47	Extremely low structural hydroxyl contents in upper mantle xenoliths from the Nagaike Volcanic Field (northern Pannonian Basin): Geodynamic implications and the role of post-eruptive re-equilibration. <i>Chemical Geology</i> , 2019, 507, 23-41.	1.4	20
48	A reappraisal of the metamorphic history of the Tehuizingo chromitite, Puebla state, Mexico. <i>International Geology Review</i> , 2019, 61, 1706-1727.	1.1	15
49	Neoproterozoic sedimentary rocks track the location of the Lhasa Block during the Rodinia breakup. <i>Precambrian Research</i> , 2019, 320, 63-77.	1.2	33
50	The Earliest Subcontinental Lithospheric Mantle. , 2019, , 81-102.		6
51	Inclusions of crichtonite-group minerals in Cr-pyropes from the Internatsionalnaya kimberlite pipe, Siberian Craton: Crystal chemistry, parageneses and relationships to mantle metasomatism. <i>Lithos</i> , 2018, 308-309, 181-195.	0.6	16
52	Insights into the mantle geochemistry of scandium from a meta-analysis of garnet data. <i>Lithos</i> , 2018, 310-311, 409-421.	0.6	16
53	Component variation in the late Neoproterozoic to Cambrian sedimentary rocks of SW China and NE Vietnam, and its tectonic significance. <i>Precambrian Research</i> , 2018, 308, 92-110.	1.2	25
54	Cold plumes trigger contamination of oceanic mantle wedges with continental crust-derived sediments: Evidence from chromitite zircon grains of eastern Cuban ophiolites. <i>Geoscience Frontiers</i> , 2018, 9, 1921-1936.	4.3	23

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55	Multi-stage modification of Paleoproterozoic crust beneath the Anabar tectonic province (Siberian) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	24
56	Basement components of the Xiangshan-Yuhuashan area, South China: Defining the boundary between the Yangtze and Cathaysia blocks. <i>Precambrian Research</i> , 2018, 309, 102-122.	1.2	28
57	Constraints from zircon Hf-O-Li isotopic compositions on the genesis of slightly low- $\delta^{18}O$ alkaline granites in the Taohuadao area, Zhejiang Province, SE China. <i>Journal of Asian Earth Sciences</i> , 2018, 167, 197-208.	1.0	11
58	Global- to Deposit-Scale Controls on Orthomagmatic Ni-Cu(-PGE) and PGE Reef Ore Formation. , 2018, , 1-46.		7
59	Timing the tectonic mingling of ultramafic rocks and metasediments in the southern section of the coastal accretionary complex of central Chile. <i>International Geology Review</i> , 2018, 60, 2031-2045.	1.1	8
60	Carmeltazite, $ZrAl_2Ti_4O_{11}$, a New Mineral Trapped in Corundum from Volcanic Rocks of Mt Carmel, Northern Israel. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 601.	0.8	25
61	Gold in the mantle: A global assessment of abundance and redistribution processes. <i>Lithos</i> , 2018, 322, 376-391.	0.6	41
62	Tectonic Switching of Southeast China in the Late Paleozoic. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8508-8526.	1.4	21
63	Tracking Deep Lithospheric Events with Garnet-Websterite Xenoliths from Southeastern Australia. <i>Journal of Petrology</i> , 2018, 59, 901-930.	1.1	16
64	Roll-Back, Extension and Mantle Upwelling Triggered Eocene Potassic Magmatism in NW Iran. <i>Journal of Petrology</i> , 2018, 59, 1417-1465.	1.1	47
65	Super-reducing conditions in ancient and modern volcanic systems: sources and behaviour of carbon-rich fluids in the lithospheric mantle. <i>Mineralogy and Petrology</i> , 2018, 112, 101-114.	0.4	45
66	Characterisation of primary and secondary carbonates in hypabyssal kimberlites: an integrated compositional and Sr-isotopic approach. <i>Mineralogy and Petrology</i> , 2018, 112, 555-567.	0.4	17
67	Subduction-related middle Permian to early Triassic magmatism in central Hainan Island, South China. <i>Lithos</i> , 2018, 318-319, 158-175.	0.6	30
68	Unexposed Archean components and complex post-Archean accretion/reworking processes beneath the southern Yangtze Block revealed by zircon xenocrysts from the Paleozoic lamproites, South China. <i>Precambrian Research</i> , 2018, 316, 174-196.	1.2	18
69	Permian to quaternary magmatism beneath the Mt Carmel area, Israel: Zircons from volcanic rocks and associated alluvial deposits. <i>Lithos</i> , 2018, 314-315, 307-322.	0.6	17
70	Uplift of the southeastern Australian lithosphere: Thermal-tectonic evolution of garnet pyroxenite xenoliths from western Victoria. <i>Special Paper of the Geological Society of America</i> , 2017, , 27-48.	0.5	1
71	Deposits associated with ultramafic-mafic complexes in Mexico: the Loma Baya case. <i>Ore Geology Reviews</i> , 2017, 81, 1053-1065.	1.1	5
72	Zircon recycling and crystallization during formation of chromite- and Ni-arsenide ores in the subcontinental lithospheric mantle (Serran�a de Ronda, Spain). <i>Ore Geology Reviews</i> , 2017, 90, 193-209.	1.1	26

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73	High- and low-Cr chromitite and dunite in a Tibetan ophiolite: evolution from mature subduction system to incipient forearc in the Neo-Tethyan Ocean. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	1.2	44
74	Deformation of mantle pyroxenites provides clues to geodynamic processes in subduction zones: Case study of the Cabo Ortegal Complex, Spain. <i>Earth and Planetary Science Letters</i> , 2017, 472, 174-185.	1.8	24
75	Super-reduced mineral assemblages in "ophiolitic" chromitites and peridotites: the view from Mount Carmel. <i>European Journal of Mineralogy</i> , 2017, 29, 557-570.	0.4	45
76	Two-layered oceanic lithospheric mantle in a Tibetan ophiolite produced by episodic subduction of Tethyan slabs. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1189-1213.	1.0	35
77	Subduction, high- P metamorphism, and collision fingerprints in South Iran: Constraints from zircon U-Pb and mica Rb-Sr geochronology. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 306-332.	1.0	33
78	The recycling of chromitites in ophiolites from southwestern North America. <i>Lithos</i> , 2017, 294-295, 53-72.	0.6	28
79	Use and misuse of Mg- and Mn-rich ilmenite in diamond exploration: A petrographic and trace element approach. <i>Lithos</i> , 2017, 292-293, 348-363.	0.6	18
80	Plume-subduction interaction forms large auriferous provinces. <i>Nature Communications</i> , 2017, 8, 843.	5.8	69
81	Multiple Metasomatism beneath the Nagorno-Karabakh Volcanic Field (Northern Pannonian Basin) Revealed by Upper Mantle Peridotite Xenoliths. <i>Journal of Petrology</i> , 2017, 58, 1107-1144.	1.1	23
82	Sources and timing of pyroxenite formation in the sub-arc mantle: Case study of the Cabo Ortegal Complex, Spain. <i>Earth and Planetary Science Letters</i> , 2017, 474, 490-502.	1.8	25
83	Sources of the Nanwenhe - Song Chay granitic complex (SW China - NE Vietnam) and its tectonic significance. <i>Lithos</i> , 2017, 290-291, 76-93.	0.6	20
84	Laurite and zircon from the Finero chromitites (Italy): New insights into evolution of the subcontinental mantle. <i>Ore Geology Reviews</i> , 2017, 90, 210-225.	1.1	17
85	Ultrapotassic rocks and xenoliths from South Tibet: Contrasting styles of interaction between lithospheric mantle and asthenosphere during continental collision. <i>Geology</i> , 2017, 45, 51-54.	2.0	98
86	Recurrent magmatic activity on a lithosphere-scale structure: Crystallization and deformation in kimberlitic zircons. <i>Gondwana Research</i> , 2017, 42, 126-132.	3.0	22
87	Carbon isotopes of eclogite-hosted diamonds from the Nyurbinskaya kimberlite pipe, Yakutia: The metasomatic origin of diamonds. <i>Chemical Geology</i> , 2017, 455, 131-147.	1.4	10
88	Early Paleozoic tectonic reconstruction of Iran: Tales from detrital zircon geochronology. <i>Lithos</i> , 2017, 268-271, 87-101.	0.6	69
89	Crustal Evolution of NW Iran: Cadomian Arcs, Archean Fragments and the Cenozoic Magmatic Flare-Up. <i>Journal of Petrology</i> , 2017, 58, 2143-2190.	1.1	62
90	DEPLETED SSZ TYPE MANTLE PERIDOTITES IN PROTEROZOIC EASTERN SAYAN OPHIOLITES IN SIBERIA. <i>Geodinamika I Tektonofizika</i> , 2017, 8, 583-587.	0.3	6

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91	Scandium speciation in a world-class lateritic deposit. <i>Geochemical Perspectives Letters</i> , 2017, , 105-114.	1.0	62
92	Recycling of ancient subduction-modified mantle domains in the Purang ophiolite (southwestern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	39
93	Primitive Arc Magmatism and Delamination: Petrology and Geochemistry of Pyroxenites from the Cabo Ortegal Complex, Spain. <i>Journal of Petrology</i> , 2016, 57, 1921-1954.	1.1	46
94	Mantle Recycling: Transition Zone Metamorphism of Tibetan Ophiolitic Peridotites and its Tectonic Implications. <i>Journal of Petrology</i> , 2016, 57, 655-684.	1.1	137
95	Nitrogen nanoinclusions in milky diamonds from Juina area, Mato Grosso State, Brazil. <i>Lithos</i> , 2016, 265, 57-67.	0.6	17
96	Tectonothermal evolution of the continental crust beneath the Yakutian diamondiferous province (Siberian craton): Uâ€“Pb and Hf isotopic evidence on zircons from crustal xenoliths of kimberlite pipes. <i>Precambrian Research</i> , 2016, 282, 1-20.	1.2	28
97	Granulite facies xenoliths from the Yuhuashan complex, central Jiangxi, South China: constraints on Late Palaeozoic orogeny and middleâ€“lower crust components. <i>Journal of Metamorphic Geology</i> , 2016, 34, 45-61.	1.6	6
98	First terrestrial occurrence of tistarite (Ti₂O₃): Ultra-low oxygen fugacity in the upper mantle beneath Mount Carmel, Israel. <i>Geology</i> , 2016, 44, 815-818.	2.0	52
99	Cr-rich rutile: A powerful tool for diamond exploration. <i>Lithos</i> , 2016, 265, 304-311.	0.6	27
100	Widespread Paleoproterozoic basement in the eastern Cathaysia Block: Evidence from metasedimentary rocks of the Pingtanâ€“Dongshan metamorphic belt, in southeastern China. <i>Precambrian Research</i> , 2016, 285, 91-108.	1.2	17
101	Magnesium and oxygen isotopes in Roberts Victor eclogites. <i>Chemical Geology</i> , 2016, 438, 73-83.	1.4	18
102	Compositional effects on the solubility of minor and trace elements in oxide spinel minerals: Insights from crystal-crystal partition coefficients in chromite exsolution. <i>American Mineralogist</i> , 2016, 101, 1360-1372.	0.9	26
103	Southward trench migration at âˆ¼130â€“120 Ma caused accretion of the Neo-Tethyan forearc lithosphere in Tibetan ophiolites. <i>Earth and Planetary Science Letters</i> , 2016, 438, 57-65.	1.8	108
104	Trace-element geochemistry and Uâ€“Pb dating of perovskite in kimberlites of the Lunda Norte province (NE Angola): Petrogenetic and tectonic implications. <i>Chemical Geology</i> , 2016, 426, 118-134.	1.4	34
105	Gold in the mantle: The role of pyroxenites. <i>Lithos</i> , 2016, 244, 205-217.	0.6	14
106	Tracing ancient events in the lithospheric mantle: A case study from ophiolitic chromitites of SW Turkey. <i>Journal of Asian Earth Sciences</i> , 2016, 119, 1-19.	1.0	17
107	Extreme lithium isotopic fractionation in three zircon standards (PleÅ¡ovice, Qinghu and Temora). <i>Scientific Reports</i> , 2015, 5, 16878.	1.6	20
108	Messengers from the deep: Fossil wadsleyite-chromite microstructures from the Mantle Transition Zone. <i>Scientific Reports</i> , 2015, 5, 16484.	1.6	43

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109	Geoscience Data Integration: Insights into Mapping Lithospheric Architecture. ASEG Extended Abstracts, 2015, 2015, 1-2.	0.1	1
110	Ages, trace elements and Hf-isotopic compositions of zircons from claystones around the Permian-Triassic boundary in the Zunyi Section, South China: Implications for nature and tectonic setting of the volcanism. Journal of Earth Science (Wuhan, China), 2015, 26, 872-882.	1.1	27
111	The enigma of crustal zircons in upper-mantle rocks: Clues from the Tumut ophiolite, southeast Australia. Geology, 2015, 43, 119-122.	2.0	60
112	Tibetan chromitites: Excavating the slab graveyard. Geology, 2015, 43, 179-182.	2.0	94
113	Episodic refertilization and metasomatism of Archean mantle: evidence from an orogenic peridotite in North Qaidam (NE Tibet, China). Contributions To Mineralogy and Petrology, 2015, 169, 1.	1.2	33
114	Thermal metamorphism of mantle chromites and the stability of noble-metal nanoparticles. Contributions To Mineralogy and Petrology, 2015, 170, 1.	1.2	28
115	Fluid-present deformation aids chemical modification of chromite: Insights from chromites from Golyamo Kamenyane, SE Bulgaria. Lithos, 2015, 228-229, 78-89.	0.6	30
116	Trace-element fingerprints of chromite, magnetite and sulfides from the 3.1 Ga ultramafic mafic rocks of the Nuggihalli greenstone belt, Western Dharwar craton (India). Contributions To Mineralogy and Petrology, 2015, 169, 1.	1.2	28
117	Microscale effects of melt infiltration into the lithospheric mantle: Peridotite xenoliths from Xilong, South China. Lithos, 2015, 232, 111-123.	0.6	19
118	Sulfide metasomatism and the mobility of gold in the lithospheric mantle. Chemical Geology, 2015, 410, 149-161.	1.4	21
119	Ancient mantle lithosphere beneath the Khanka massif in the Russian Far East: <i>in situ</i> Re-Os evidence. Terra Nova, 2015, 27, 277-284.	0.9	10
120	Re-Os isotopic constraints on the evolution of the Bangong-Nujiang Tethyan oceanic mantle, Central Tibet. Lithos, 2015, 224-225, 32-45.	0.6	12
121	Diamonds in ophiolites: Contamination or a new diamond growth environment?. Earth and Planetary Science Letters, 2015, 430, 284-295.	1.8	50
122	Complex evolution of the lower crust beneath the southeastern North China Craton: The Junan xenoliths and xenocrysts: Reply. Lithos, 2015, 234-235, 96-99.	0.6	1
123	Genesis and tectonic implications of podiform chromitites in the metamorphosed ultramafic massif of Dobromirski (Bulgaria). Gondwana Research, 2015, 27, 555-574.	3.0	64
124	Pyroxenite Dykes in Orogenic Peridotite from North Qaidam (NE Tibet, China) Track Metasomatism and Segregation in the Mantle Wedge. Journal of Petrology, 2014, 55, 2347-2376.	1.1	48
125	Water contents of Roberts Victor xenolithic eclogites: primary and metasomatic controls. Contributions To Mineralogy and Petrology, 2014, 168, 1.	1.2	19
126	Origin and geological significance of Paleoproterozoic granites in the northeastern Cathaysia Block, South China. Precambrian Research, 2014, 248, 72-95.	1.2	73

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127	Screening criteria for reliable U ²³⁵ /Pb geochronology and oxygen isotope analysis in uranium-rich zircons: A case study from the Suzhou A-type granites, SE China. <i>Lithos</i> , 2014, 192-195, 180-191.	0.6	95
128	Petrogenesis and geochronology of Cretaceous adakitic, I- and A-type granitoids in the NE Yangtze block: Constraints on the eastern subsurface boundary between the North and South China blocks: Reply. <i>Lithos</i> , 2014, 196-197, 380-383.	0.6	0
129	Unmasking xenolithic eclogites: Progressive metasomatism of a key Roberts Victor sample. <i>Chemical Geology</i> , 2014, 364, 56-65.	1.4	22
130	Chromitites in ophiolites: How, where, when, why? Part I. A review and new ideas on the origin and significance of platinum-group minerals. <i>Lithos</i> , 2014, 189, 127-139.	0.6	98
131	The world turns over: Hadean–Archean crust–mantle evolution. <i>Lithos</i> , 2014, 189, 2-15.	0.6	173
132	Chromitites in ophiolites: How, where, when, why? Part II. The crystallization of chromitites. <i>Lithos</i> , 2014, 189, 140-158.	0.6	170
133	Fingerprints of metamorphism in chromite: New insights from minor and trace elements. <i>Chemical Geology</i> , 2014, 389, 137-152.	1.4	90
134	Sources of cratonic metasomatic fluids: In situ LA-MC-ICPMS analysis of Sr, Nd, Hf and Pb isotopes in Lima from the Jagersfontein Kimberlite. <i>Numerische Mathematik</i> , 2014, 314, 435-461.	0.7	11
135	Complex evolution of the lower crust beneath the southeastern North China Craton: the Junan xenoliths and xenocrysts. <i>Lithos</i> , 2014, 206-207, 113-126.	0.6	16
136	Emplacement ages and sources of kimberlites and related rocks in southern Africa: U ²³⁵ /Pb ages and Sr ⁸⁷ /Nd isotopes of groundmass perovskite. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	1.2	76
137	Significance of ancient sulfide PGE and Re ¹⁸⁷ /Os signatures in the mantle beneath Calatrava, Central Spain. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	1.2	30
138	Linking continental deep subduction with destruction of a cratonic margin: strongly reworked North China SCLM intruded in the Triassic Sulu UHP belt. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	1.2	103
139	Carboniferous and Permian granites of the northern Tasman orogenic belt, Queensland, Australia: insights into petrogenesis and crustal evolution from an in situ zircon study. <i>International Journal of Earth Sciences</i> , 2013, 102, 647-669.	0.9	10
140	Trace element partitioning in mixed-habit diamonds. <i>Chemical Geology</i> , 2013, 355, 134-143.	1.4	29
141	Late Paleozoic magmatism in South China: Oceanic subduction or intracontinental orogeny?. <i>Science Bulletin</i> , 2013, 58, 788-795.	1.7	17
142	Microcontinents among the accretionary complexes of the Central Asia Orogenic Belt: In situ Re ¹⁸⁷ /Os evidence. <i>Journal of Asian Earth Sciences</i> , 2013, 62, 37-50.	1.0	16
143	U ²³⁵ /Pb and Lu ¹⁷⁶ /Hf isotopes in detrital zircon from Neoproterozoic sedimentary rocks in the northern Yangtze Block: Implications for Precambrian crustal evolution. <i>Gondwana Research</i> , 2013, 23, 1261-1272.	3.0	134
144	Continental-root control on the genesis of magmatic ore deposits. <i>Nature Geoscience</i> , 2013, 6, 905-910.	5.4	231

#	ARTICLE	IF	CITATIONS
145	Moho vs crustâ€‘mantle boundary: Evolution of an idea. <i>Tectonophysics</i> , 2013, 609, 535-546.	0.9	68
146	Mantle Metasomatism. <i>Lecture Notes in Earth System Sciences</i> , 2013, , 471-533.	0.5	135
147	Petrogenesis and geochronology of Cretaceous adakitic, I- and A-type granitoids in the NE Yangtze block: Constraints on the eastern subsurface boundary between the North and South China blocks. <i>Lithos</i> , 2013, 175-176, 333-350.	0.6	46
148	Origin of volcanic ash beds across the Permianâ€‘Triassic boundary, Daxiakou, South China: Petrology and Uâ€‘Pb age, trace elements and Hf-isotope composition of zircon. <i>Chemical Geology</i> , 2013, 360-361, 41-53.	1.4	59
149	Sulfides and chalcophile elements in Roberts Victor eclogites: Unravelling a sulfide-rich metasomatic event. <i>Chemical Geology</i> , 2013, 354, 73-92.	1.4	22
150	Nature and timing of metasomatism in the stratified mantle lithosphere beneath the central Slave craton (Canada). <i>Chemical Geology</i> , 2013, 352, 153-169.	1.4	81
151	Pressureâ€‘and stressâ€‘induced fabric transition in olivine from peridotites in the Western Gneiss Region (Norway): implications for mantle seismic anisotropy. <i>Journal of Metamorphic Geology</i> , 2013, 31, 93-111.	1.6	29
152	A spectroscopic and carbon-isotope study of mixed-habit diamonds: Impurity characteristics and growth environment. <i>American Mineralogist</i> , 2013, 98, 66-77.	0.9	36
153	Intrusion and contamination of high-temperature dunitic magma: the Nordre Bumandsfjord pluton, Seiland, Arctic Norway. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 903-930.	1.2	14
154	Transfer of Os isotopic signatures from peridotite to chromitite in the subcontinental mantle: Insights from in situ analysis of platinum-group and base-metal minerals (OjÃ©n peridotite massif,) Tj ETQq0 0 0 rgBT/Overlook 10 Tf 50	0.6	0
155	Reply to dunite magma or ultramafic cumulates? A discussion of Griffin et al. â€‘Intrusion and contamination of high-temperature dunite magma: the Nordre Bumandsfjord pluton, Seiland, Arctic Norwayâ€‘. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 1543-1544.	1.2	0
156	The architecture of the European-Mediterranean lithosphere: A synthesis of the Re-Os evidence. <i>Geology</i> , 2013, 41, 547-550.	2.0	34
157	3â€‘D multiobservable probabilistic inversion for the compositional and thermal structure of the lithosphere and upper mantle. I: <i>a priori</i> petrological information and geophysical observables. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 2586-2617.	1.4	121
158	In situ Uâ€‘Pb Dating and Srâ€‘Nd Isotopic Analysis of Perovskite: Constraints on the Age and Petrogenesis of the Kuruman Kimberlite Province, Kaapvaal Craton, South Africa. <i>Journal of Petrology</i> , 2012, 53, 2497-2522.	1.1	34
159	Accretion and reworking beneath the North China Craton. <i>Lithos</i> , 2012, 149, 61-78.	0.6	97
160	Decoupling of Uâ€‘Pb and Luâ€‘Hf isotopes and trace elements in zircon from the UHP North Qaidam orogen, NE Tibet (China): Tracing the deep subduction of continental blocks. <i>Lithos</i> , 2012, 155, 125-145.	0.6	66
161	FTIR mapping: Distribution of impurities in different types of diamond growth. <i>Diamond and Related Materials</i> , 2012, 29, 29-36.	1.8	58
162	Laurentian Provenance of Archean Mantle Fragments in the Proterozoic Baltic Crust of the Norwegian Caledonides. <i>Journal of Petrology</i> , 2012, 53, 1357-1383.	1.1	27

#	ARTICLE	IF	CITATIONS
163	Seeking the primary compositions of mantle xenoliths: Isotopic and elemental consequences of sequential leaching treatments on an eclogite suite. <i>Chemical Geology</i> , 2012, 328, 137-148.	1.4	6
164	Platelet development in cuboid diamonds: insights from micro-FTIR mapping. <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 1011-1025.	1.2	35
165	Os-isotope variability within sulfides from podiform chromitites. <i>Chemical Geology</i> , 2012, 291, 224-235.	1.4	39
166	Deformation microstructures reveal a complex mantle history for polycrystalline diamond. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	10
167	Uâ€Pb geochronology and Hfâ€Nd isotopic geochemistry of the Badu Complex, Southeastern China: Implications for the Precambrian crustal evolution and paleogeography of the Cathaysia Block. <i>Precambrian Research</i> , 2012, 222-223, 424-449.	1.2	261
168	Early crustal evolution in the western Yangtze Block: Evidence from Uâ€Pb and Luâ€Hf isotopes on detrital zircons from sedimentary rocks. <i>Precambrian Research</i> , 2012, 222-223, 368-385.	1.2	190
169	Archean mantle contributes to the genesis of chromitite in the Palaeozoic Sartohay ophiolite, Asiatic Orogenic Belt, northwestern China. <i>Precambrian Research</i> , 2012, 216-219, 87-94.	1.2	12
170	Coupling, decoupling and metasomatism: Evolution of crustâ€mantle relationships beneath NW Spitsbergen. <i>Lithos</i> , 2012, 149, 115-135.	0.6	35
171	In-situ geochemistry of sulfides in highly metasomatized mantle xenoliths from Kerguelen, southern Indian Ocean. <i>Lithos</i> , 2012, 154, 296-314.	0.6	52
172	Spatial and temporal evolution of Liassic to Paleocene arc activity in southern Peru unraveled by zircon Uâ€Pb and Hf in-situ data on plutonic rocks. <i>Lithos</i> , 2012, 155, 183-200.	0.6	36
173	Metamorphism disturbs the Re-Os signatures of platinum-group minerals in ophiolite chromitites. <i>Geology</i> , 2012, 40, 659-662.	2.0	34
174	Temporal correlation of magmatic-tectonic events in the lower and upper crust in north-east Australia. <i>International Journal of Earth Sciences</i> , 2012, 101, 1091-1109.	0.9	2
175	Melt/mantle mixing produces podiform chromite deposits in ophiolites: Implications of Reâ€Os systematics in the Dongqiao Neo-tethyan ophiolite, northern Tibet. <i>Gondwana Research</i> , 2012, 21, 194-206.	3.0	113
176	Multi-stage origin of Roberts Victor eclogites: Progressive metasomatism and its isotopic effects. <i>Lithos</i> , 2012, 142-143, 161-181.	0.6	48
177	The Salma Eclogites of the Belomorian Province, Russia. , 2011, , 623-670.		16
178	Highly evolved Archean basement beneath the western Cathaysia Block, South China. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 242-255.	1.6	76
179	Type I eclogites from Roberts Victor kimberlites: Products of extensive mantle metasomatism. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6927-6954.	1.6	64
180	India's hidden inputs to Tibetan orogeny revealed by Hf isotopes of Transhimalayan zircons and host rocks. <i>Earth and Planetary Science Letters</i> , 2011, 307, 479-486.	1.8	192

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181	Zircons in the Shenglikou ultrahigh-pressure garnet peridotite massif and its country rocks from the North Qaidam terrane (western China): Meso-Neoproterozoic crust-mantle coupling and early Paleozoic convergent plate-margin processes. <i>Precambrian Research</i> , 2011, 187, 33-57.	1.2	79
182	The role of eclogite in the rift-related metasomatism and Cenozoic magmatism of Northern Victoria Land, Antarctica. <i>Lithos</i> , 2011, 124, 319-330.	0.6	28
183	Two stages of zircon crystallization in the Jingshan monzogranite, Bengbu Uplift: Implications for the syn-collisional granites of the Dabie-Sulu UHP orogenic belt and the climax of movement on the Tan-Lu fault. <i>Lithos</i> , 2011, 122, 201-213.	0.6	15
184	Lithospheric mantle evolution beneath northeast Australia. <i>Lithos</i> , 2011, 125, 405-422.	0.6	7
185	H ₂ O contents and their modification in the Cenozoic subcontinental lithospheric mantle beneath the Cathaysia block, SE China. <i>Lithos</i> , 2011, 126, 182-197.	0.6	61
186	The Kimberlites and related rocks of the Kuruman Kimberlite Province, Kaapvaal Craton, South Africa. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 351-371.	1.2	34
187	In situ Re-Os isotopic analysis of platinum-group minerals from the Mayar-Cristal ophiolitic massif (Mayar-Baracoa Ophiolitic Belt, eastern Cuba): implications for the origin of Os-isotope heterogeneities in podiform chromitites. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 977-990.	1.2	51
188	Constraints from eclogite and MARID xenoliths on origins of mantle Zr/Hf-Nb/Ta variability. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 1047-1062.	1.2	30
189	Metasomatism versus host magma infiltration: A case study of Sal mantle xenoliths, Cape Verde Archipelago. , 2011, , .		4
190	Archean lithospheric mantle beneath Arkansas: Continental growth by microcontinent accretion. <i>Bulletin of the Geological Society of America</i> , 2011, 123, 1763-1775.	1.6	31
191	Volatile-rich Metasomatism in Montferrier Xenoliths (Southern France): Implications for the Abundances of Chalcophile and Highly Siderophile Elements in the Subcontinental Mantle. <i>Journal of Petrology</i> , 2011, 52, 2009-2045.	1.1	107
192	The Belomorian eclogite province: Unique evidence of Meso-Neoarchean subduction and collision. <i>Doklady Earth Sciences</i> , 2010, 434, 1311-1316.	0.2	25
193	The first results of U/Pb dating and isotope geochemical studies of detrital zircons from the neoproterozoic sandstones of the Southern Timan (Djejm-Parma Hill). <i>Doklady Earth Sciences</i> , 2010, 435, 1676-1683.	0.2	28
194	Persistence of mantle lithospheric Re-Os signature during asthenospherization of the subcontinental lithospheric mantle: insights from in situ isotopic analysis of sulfides from the Ronda peridotite (Southern Spain). <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 315-330.	1.2	37
195	Zircon U-Pb and Hf isotopes of volcanic rocks from the Batamayineishan Formation in the eastern Junggar Basin. <i>Science Bulletin</i> , 2010, 55, 4150-4161.	1.7	33
196	Buoyant ancient continental mantle embedded in oceanic lithosphere (Sal Island, Cape Verde) <i>Tectonophysics</i> , 2010, 500, 1-13.	0.6	53
197	Evolution of the Jingshan garnet peridotites in the North Qaidam UHP belt, Northern Tibetan Plateau: Constraints from Re-Os isotopes. <i>Lithos</i> , 2010, 117, 307-321.	0.6	31
198	The continental lithosphere-asthenosphere boundary: Can we sample it?. <i>Lithos</i> , 2010, 120, 1-13.	0.6	125

#	ARTICLE	IF	CITATIONS
199	Trace-element patterns of fibrous and monocrystalline diamonds: Insights into mantle fluids. <i>Lithos</i> , 2010, 118, 313-337.	0.6	48
200	The growth of the continental crust: Constraints from zircon Hf-isotope data. <i>Lithos</i> , 2010, 119, 457-466.	0.6	697
201	Geochronological, geochemical and isotopic study of detrital zircon suites from late Neoproterozoic clastic strata along the NE margin of the East European Craton: Implications for plate tectonic models. <i>Gondwana Research</i> , 2010, 17, 583-601.	3.0	147
202	Provenance of Lower Cretaceous WÃ¶long Volcaniclastics in the Tibetan Tethyan Himalaya: Implications for the final breakup of Eastern Gondwana. <i>Sedimentary Geology</i> , 2010, 223, 193-205.	1.0	135
203	Lithospheric, Cratonic, and Geodynamic Setting of Ni-Cu-PGE Sulfide Deposits. <i>Economic Geology</i> , 2010, 105, 1057-1070.	1.8	253
204	Diachronous decratonization of the Sino-Korean craton: Geochemistry of mantle xenoliths from North Korea. <i>Geology</i> , 2010, 38, 799-802.	2.0	117
205	Co-rich sulfides in mantle peridotites from Penghu Islands, Taiwan: Footprints of Proterozoic mantle plumes under the Cathaysia Block. <i>Journal of Asian Earth Sciences</i> , 2010, 37, 229-245.	1.0	14
206	On the Vp/Vsâ€“Mg# correlation in mantle peridotites: Implications for the identification of thermal and compositional anomalies in the upper mantle. <i>Earth and Planetary Science Letters</i> , 2010, 289, 606-618.	1.8	68
207	Precambrian crustal evolution of the Yangtze Block tracked by detrital zircons from Neoproterozoic sedimentary rocks. <i>Precambrian Research</i> , 2010, 177, 131-144.	1.2	215
208	Components and episodic growth of Precambrian crust in the Cathaysia Block, South China: Evidence from Uâ€“Pb ages and Hf isotopes of zircons in Neoproterozoic sediments. <i>Precambrian Research</i> , 2010, 181, 97-114.	1.2	386
209	Tectonic affinity of the west Qinling terrane (central China): North China or Yangtze?. <i>Tectonics</i> , 2010, 29, n/a-n/a.	1.3	66
210	Mesoarchean subduction processes: 2.87 Ga eclogites from the Kola Peninsula, Russia. <i>Geology</i> , 2010, 38, 739-742.	2.0	137
211	Petrological evolution of the European lithospheric mantle: introduction. <i>Geological Society Special Publication</i> , 2010, 337, 1-5.	0.8	9
212	Petrological Evolution of the European Lithospheric Mantle: from Archean to Present Day. <i>Journal of Petrology</i> , 2009, 50, 1181-1184.	1.1	11
213	Neoarchean (2.7â€“2.8â€“Ga) accretion beneath the North China Craton: Uâ€“Pb age, trace elements and Hf isotopes of zircons in diamondiferous kimberlites. <i>Lithos</i> , 2009, 112, 188-202.	0.6	61
214	Lithospheric mantle structure and the diamond potential of kimberlites in southern D.R. Congo. <i>Lithos</i> , 2009, 112, 166-176.	0.6	28
215	Microinclusions in monocrystalline octahedral diamonds and coated diamonds from Diavik, Slave Craton: Clues to diamond genesis. <i>Lithos</i> , 2009, 112, 724-735.	0.6	31
216	Ultradeep continental roots and their oceanic remnants: A solution to the geochemical â€œmantle reservoirâ€“problem?. <i>Lithos</i> , 2009, 112, 1043-1054.	0.6	100

#	ARTICLE	IF	CITATIONS
217	A translithospheric suture in the vanished 1-Ga lithospheric root of South India: Evidence from contrasting lithosphere sections in the Dharwar Craton. <i>Lithos</i> , 2009, 112, 1109-1119.	0.6	91
218	Mantle melts, metasomatism and diamond formation: Insights from melt inclusions in xenoliths from Diavik, Slave Craton. <i>Lithos</i> , 2009, 112, 675-682.	0.6	33
219	Rejuvenation vs. recycling of Archean crust in the Gawler Craton, South Australia: Evidence from U ²³⁵ -Pb and Hf isotopes in detrital zircon. <i>Lithos</i> , 2009, 113, 570-582.	0.6	119
220	Cretaceous thermo-chemical modification of the Kaapvaal cratonic lithosphere, South Africa. <i>Lithos</i> , 2009, 112, 886-895.	0.6	43
221	Temporal and genetic relationships between the Kidston gold-bearing Breccia Pipe and the Lochaber Ring Dyke Complex, North Queensland, Australia: insights from in situ U ²³⁵ -Pb and Hf-isotope analysis of zircon. <i>Mineralogy and Petrology</i> , 2009, 95, 17-45.	0.4	7
222	The Taihua group on the southern margin of the North China craton: further insights from U ²³⁵ -Pb ages and Hf isotope compositions of zircons. <i>Mineralogy and Petrology</i> , 2009, 97, 43-59.	0.4	189
223	Petrology and Sr ⁸⁷ -Nd ¹⁴³ -Hf isotope geochemistry of gabbro xenoliths from the Hyblean Plateau: a MARID reservoir beneath SE Sicily?. <i>Contributions To Mineralogy and Petrology</i> , 2009, 157, 1-22.	1.2	13
224	Paleoproterozoic basement beneath the southern Jiangxi Province: Evidence from U-Pb ages and Lu-Hf isotopes in zircons from the Doushui lamprophyre. <i>Science Bulletin</i> , 2009, 54, 1555-1563.	4.3	25
225	Apatite Composition: Tracing Petrogenetic Processes in Transhimalayan Granitoids. <i>Journal of Petrology</i> , 2009, 50, 1829-1855.	1.1	223
226	First results of isotopic dating of detrital zircons from the clastic rocks of the Pre-Uralides-Timanides complexes: Contribution in the Late Precambrian stratigraphy of the Enganepe Uplift, Western Polar Urals. <i>Doklady Earth Sciences</i> , 2009, 424, 41-46.	0.2	11
227	First isotopic data on detrital zircons from the Engane-Pe Uplift (western Polar Urals): Implications for the primary tectonic position of the Pre-Uralides-Timanides. <i>Doklady Earth Sciences</i> , 2009, 426, 567-573.	0.2	9
228	Isotopic decoupling during porous melt flow: A case-study in the Lherz peridotite. <i>Earth and Planetary Science Letters</i> , 2009, 279, 76-85.	1.8	72
229	Fractionation of oxygen and iron isotopes by partial melting processes: Implications for the interpretation of stable isotope signatures in mafic rocks. <i>Earth and Planetary Science Letters</i> , 2009, 283, 156-166.	1.8	110
230	Age and composition of granulite and pyroxenite xenoliths in Hannuoba basalts reflect Paleogene underplating beneath the North China Craton. <i>Chemical Geology</i> , 2009, 264, 266-280.	1.4	63
231	Sulfides in mantle peridotites from Penghu Islands, Taiwan: Melt percolation, PGE fractionation, and the lithospheric evolution of the South China block. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 4531-4557.	1.6	52
232	Thallium isotopes as a potential tracer for the origin of cratonic eclogites. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 7387-7398.	1.6	19
233	The nature and timing of crustal thickening in Southern Tibet: Geochemical and zircon Hf isotopic constraints from postcollisional adakites. <i>Tectonophysics</i> , 2009, 477, 36-48.	0.9	373
234	Crustal evolution in the central Congo-Kasai Craton, Luebo, D.R. Congo: Insights from zircon U ²³⁵ -Pb ages, Hf-isotope and trace-element data. <i>Precambrian Research</i> , 2009, 170, 107-115.	1.2	50

#	ARTICLE	IF	CITATIONS
235	A Paleoproterozoic orogeny recorded in a long-lived cratonic remnant (Wuyishan terrane), eastern Cathaysia Block, China. <i>Precambrian Research</i> , 2009, 174, 347-363.	1.2	374
236	The Composition and Evolution of Lithospheric Mantle: a Re-evaluation and its Tectonic Implications. <i>Journal of Petrology</i> , 2009, 50, 1185-1204.	1.1	540
237	The lithospheric architecture of Africa: Seismic tomography, mantle petrology, and tectonic evolution. , 2009, 5, 23-50.		477
238	Grenvillian orogeny in the Southern Cathaysia Block: Constraints from U-Pb ages and Lu-Hf isotopes in zircon from metamorphic basement. <i>Science Bulletin</i> , 2008, 53, 3037-3050.	4.3	46
239	Subcontinental lithospheric mantle origin of high niobium/tantalum ratios in Eclogites. <i>Nature Geoscience</i> , 2008, 1, 468-472.	5.4	71
240	Flood basalts and metallogeny: The lithospheric mantle connection. <i>Earth-Science Reviews</i> , 2008, 86, 145-174.	4.0	84
241	Dynamics of cratons in an evolving mantle. <i>Lithos</i> , 2008, 102, 12-24.	0.6	70
242	Re-Os isotopes of sulfides in mantle xenoliths from eastern China: Progressive modification of lithospheric mantle. <i>Lithos</i> , 2008, 102, 43-64.	0.6	117
243	Magma sources and gold mineralisation in the Mount Leyshon and Tuckers Igneous Complexes, Queensland, Australia: U-Pb and Hf isotope evidence. <i>Lithos</i> , 2008, 101, 281-307.	0.6	21
244	Trace-element geochemistry of diamondite: Crystallisation of diamond from kimberlite-carbonatite melts. <i>Lithos</i> , 2008, 106, 39-54.	0.6	29
245	Where was South China in the Rodinia supercontinent?. <i>Precambrian Research</i> , 2008, 164, 1-15.	1.2	281
246	LAM-ICPMS U-Pb dating of kimberlitic perovskite: Eocene-Oligocene kimberlites from the Kundelungu Plateau, D.R. Congo. <i>Earth and Planetary Science Letters</i> , 2008, 267, 609-619.	1.8	99
247	Continental collision and accretion recorded in the deep lithosphere of central China. <i>Earth and Planetary Science Letters</i> , 2008, 269, 497-507.	1.8	68
248	Geochronology in New South Wales. <i>Australian Journal of Earth Sciences</i> , 2008, 55, 737-740.	0.4	1
249	Characterization of the metasomatic agent in mantle xenoliths from Devonian, Massif Central (France) using coupled in situ trace-element and O, Sr and Nd isotopic compositions. <i>Geological Society Special Publication</i> , 2008, 293, 177-196.	0.8	15
250	Ghosts of lithospheres past: Imaging an evolving lithospheric mantle in southern Africa. <i>Geology</i> , 2008, 36, 515.	2.0	63
251	Taking the pulse of the Earth: linking crustal and mantle events. <i>Australian Journal of Earth Sciences</i> , 2008, 55, 983-995.	0.4	52
252	Origins of Xenolithic Eclogites and Pyroxenites from the Central Slave Craton, Canada. <i>Journal of Petrology</i> , 2007, 48, 1843-1873.	1.1	96

#	ARTICLE	IF	CITATIONS
253	Chapter 8.2 The Earliest Subcontinental Lithospheric Mantle. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2007, 15, 1013-1035.	0.2	18
254	Uâ€Pb and Hf-isotope analyses of zircon from the Kundelungu Kimberlites, D.R. Congo: Implications for crustal evolution. Precambrian Research, 2007, 156, 195-225.	1.2	32
255	The crust of Cathaysia: Age, assembly and reworking of two terranes. Precambrian Research, 2007, 158, 51-78.	1.2	428
256	Detrital zircon geochronology of Precambrian basement sequences in the Jiangnan orogen: Dating the assembly of the Yangtze and Cathaysia Blocks. Precambrian Research, 2007, 159, 117-131.	1.2	554
257	Multiple events in the Neo-Tethyan oceanic upper mantle: Evidence from Ruâ€Osâ€Ir alloys in the Luobusa and Dongqiao ophiolitic podiform chromitites, Tibet. Earth and Planetary Science Letters, 2007, 261, 33-48.	1.8	132
258	Thallium isotopes in Iceland and Azores lavas â€” Implications for the role of altered crust and mantle geochemistry. Earth and Planetary Science Letters, 2007, 264, 332-345.	1.8	58
259	Crustal evolution in the Georgetown Inlier, North Queensland, Australia: a detrital zircon grain study. Chemical Geology, 2007, 245, 198-218.	1.4	41
260	Mechanism and timing of lithospheric modification and replacement beneath the eastern North China Craton: Peridotitic xenoliths from the 100 Ma Fuxin basalts and a regional synthesis. Geochimica Et Cosmochimica Acta, 2007, 71, 5203-5225.	1.6	339
261	Diamond, subcalcic garnet, and mantle metasomatism: Kimberlite sampling patterns define the link. Geology, 2007, 35, 339.	2.0	109
262	Resetting of the Uâ€Pb Zircon System in Cambro-Ordovician Intrusives of the Deep Freeze Range, Northern Victoria Land, Antarctica. Journal of Petrology, 2007, 48, 327-364.	1.1	74
263	Metasomatism and sulfide mobility in lithospheric mantle beneath eastern Australia: Implications for mantle Reâ€Os chronology. Lithos, 2007, 94, 132-147.	0.6	47
264	Crustal zircons and mantle sulfides: Archean to Triassic events in the lithosphere beneath south-eastern Sicily. Lithos, 2007, 96, 503-523.	0.6	30
265	Amphiboles from suprasubduction and intraplate lithospheric mantle. Lithos, 2007, 99, 68-84.	0.6	157
266	Origin and evolution of topaz-bearing granites from the Nanling Range, South China: a geochemical and Srâ€Ndâ€Hf isotopic study. Mineralogy and Petrology, 2007, 90, 271-300.	0.4	36
267	Lithosphere formation in the central Slave Craton (Canada): plume subcretion or lithosphere accretion?. Contributions To Mineralogy and Petrology, 2007, 154, 409-427.	1.2	51
268	Finding of ancient materials in Cathaysia and implication for the formation of Precambrian crust. Science Bulletin, 2007, 52, 13-22.	1.7	108
269	Cratonic lithospheric mantle: Is anything subducted?. Episodes, 2007, 30, 43-53.	0.8	129
270	Zircon Crystal Morphology, Trace Element Signatures and Hf Isotope Composition as a Tool for Petrogenetic Modelling: Examples From Eastern Australian Granitoids. Journal of Petrology, 2006, 47, 329-353.	1.1	502

#	ARTICLE	IF	CITATIONS
271	Mineral Chemistry of Peridotites from Paleozoic, Mesozoic and Cenozoic Lithosphere: Constraints on Mantle Evolution beneath Eastern China. <i>Journal of Petrology</i> , 2006, 47, 2233-2256.	1.1	195
272	Thermal and compositional structure of the subcontinental lithospheric mantle: Derivation from shear wave seismic tomography. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	57
273	Zircon U-Pb and Hf isotope constraints on the Mesozoic tectonics and crustal evolution of southern Tibet. <i>Geology</i> , 2006, 34, 745.	2.0	513
274	Archaean and Proterozoic crustal evolution in the Eastern Succession of the Mt Isa district, Australia: U-Pb and Hf-isotope studies of detrital zircons *. <i>Australian Journal of Earth Sciences</i> , 2006, 53, 125-149.	0.4	135
275	Zircons in mantle xenoliths record the Triassic Yangtze-North China continental collision. <i>Earth and Planetary Science Letters</i> , 2006, 247, 130-142.	1.8	99
276	The isotopic composition of magnesium in mantle olivine: Records of depletion and metasomatism. <i>Chemical Geology</i> , 2006, 226, 115-133.	1.4	65
277	Granulite xenoliths and their zircons, Tuoyun, NW China: Insights into southwestern Tianshan lower crust. <i>Precambrian Research</i> , 2006, 145, 159-181.	1.2	39
278	Imaging global chemical and thermal heterogeneity in the subcontinental lithospheric mantle with garnets and xenoliths: Geophysical implications. <i>Tectonophysics</i> , 2006, 416, 289-309.	0.9	151
279	The lithospheric mantle beneath the southwestern Tianshan area, northwest China. <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 457-479.	1.2	31
280	Cretaceous volcanic-intrusive magmatism in western Guangdong and its geological significance. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 696-713.	0.9	33
281	Element diffusion ability in metasomatic agents and its effect on chemical characteristics of metasomatized peridotites. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 926-937.	0.9	1
282	Roles of Melting and Metasomatism in the Formation of the Lithospheric Mantle beneath the Leizhou Peninsula, South China. <i>Journal of Petrology</i> , 2006, 47, 355-383.	1.1	38
283	Widespread Archean basement beneath the Yangtze craton. <i>Geology</i> , 2006, 34, 417.	2.0	491
284	A refractory mantle protolith in younger continental crust, east-central China: Age and composition of zircon in the Sulu ultrahigh-pressure peridotite. <i>Geology</i> , 2006, 34, 705.	2.0	78
285	Transformation of Archaean Lithospheric Mantle by Refertilization: Evidence from Exposed Peridotites in the Western Gneiss Region, Norway. <i>Journal of Petrology</i> , 2006, 47, 1611-1636.	1.1	113
286	In situ Os isotopes in abyssal peridotites bridge the isotopic gap between MORBs and their source mantle. <i>Nature</i> , 2005, 436, 1005-1008.	13.7	190
287	Alkaline magmatism from Kutch, NW India: implications for plume-lithosphere interaction. <i>Lithos</i> , 2005, 81, 101-119.	0.6	50
288	The Kharamai kimberlite field, Siberia: modification of the lithospheric mantle by the Siberian Trap event. <i>Lithos</i> , 2005, 81, 167-187.	0.6	57

#	ARTICLE	IF	CITATIONS
289	Variations of the Effective Elastic Thickness (T_e) and Structure of the Lithosphere Beneath the Slave Province, Canada. <i>Exploration Geophysics</i> , 2005, 36, 266-271.	0.5	5
290	Relict Proterozoic basement in the Nanling Mountains (SE China) and its tectonothermal overprinting. <i>Tectonics</i> , 2005, 24, n/a-n/a.	1.3	111
291	Petrogenesis of the Yangkou layered garnet-peridotite complex, Sulu UHP terrane, China. <i>American Mineralogist</i> , 2005, 90, 801-813.	0.9	34
292	Late Mesozoic-Eocene Mantle Replacement beneath the Eastern North China Craton: Evidence from the Paleozoic and Cenozoic Peridotite Xenoliths. <i>International Geology Review</i> , 2005, 47, 457-472.	1.1	51
293	Heterogeneous and metasomatized mantle recorded by trace elements in minerals of the Donghai garnet peridotites, Sulu UHP terrane, China. <i>Chemical Geology</i> , 2005, 221, 243-259.	1.4	69
294	U-Pb isotopic ages and Hf isotopic composition of single zircons: The search for juvenile Precambrian continental crust. <i>Precambrian Research</i> , 2005, 139, 42-100.	1.2	187
295	Hf isotopes of MARID (mica-amphibole-rutile-ilmenite-diopside) rutile trace metasomatic processes in the lithospheric mantle. <i>Geology</i> , 2005, 33, 45.	2.0	62
296	Lithospheric domains and controls on kimberlite emplacement, Slave Province, Canada: Evidence from elastic thickness and upper mantle composition. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	1.0	19
297	Quantitative trace-element analysis of diamond by laser ablation inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2005, 20, 601.	1.6	74
298	Formation history and protolith characteristics of granulite facies metamorphic rock in Central Cathaysia deduced from U-Pb and Lu-Hf isotopic studies of single zircon grains. <i>Science Bulletin</i> , 2005, 50, 2080.	1.7	109
299	The evolution of lithospheric domains: A new framework to enhance mineral exploration targeting. , 2005, , 41-44.		0
300	Nature and evolution of Mesozoic-Cenozoic lithospheric mantle beneath the Cathaysia block, SE China. <i>Lithos</i> , 2004, 74, 41-65.	0.6	80
301	Mantle amphibole trace-element and isotopic signatures trace multiple metasomatic episodes in lithospheric mantle, western Victoria, Australia. <i>Lithos</i> , 2004, 75, 141-171.	0.6	70
302	Feldspar from carbonate-rich silicate metasomatism in the shallow oceanic mantle under Kerguelen Islands (South Indian Ocean). <i>Lithos</i> , 2004, 75, 209-237.	0.6	35
303	Carbonatite melt in oceanic upper mantle beneath the Kerguelen Archipelago. <i>Lithos</i> , 2004, 75, 239-252.	0.6	64
304	Lithosphere mapping beneath the North American plate. <i>Lithos</i> , 2004, 77, 873-922.	0.6	193
305	Melt inclusions from the deep Slave lithosphere: implications for the origin and evolution of mantle-derived carbonatite and kimberlite. <i>Lithos</i> , 2004, 76, 461-474.	0.6	56
306	Inclusions in diamonds from the K14 and K10 kimberlites, Buffalo Hills, Alberta, Canada: diamond growth in a plume?. <i>Lithos</i> , 2004, 77, 99-111.	0.6	72

#	ARTICLE	IF	CITATIONS
307	Mineral inclusions and geochemical characteristics of microdiamonds from the DO27, A154, A21, A418, DO18, DD17 and Ranch Lake kimberlites at Lac de Gras, Slave Craton, Canada†. <i>Lithos</i> , 2004, 77, 39-55.	0.6	92
308	Genesis and evolution of the lithospheric mantle beneath the Buffalo Head Terrane, Alberta (Canada)†. <i>Lithos</i> , 2004, 77, 413-451.	0.6	58
309	U-Pb dating of zircons from quartz diorite and its enclaves at Tongguanshan in Anhui and its petrogenetic implication. <i>Science Bulletin</i> , 2004, 49, 2073.	1.7	51
310	U-Pb and Hf-isotope analysis of zircons in mafic xenoliths from Fuxian kimberlites: evolution of the lower crust beneath the North China craton. <i>Contributions To Mineralogy and Petrology</i> , 2004, 148, 79-103.	1.2	120
311	Isotope fractionation of neon during stepheating extraction?: a comment on Re-interpretation of the existence of a primitive plume under Australia based on neon isotope fractionation during step heating™ by Gautheron and Moreira (2003). <i>Terra Nova</i> , 2004, 16, 23-26.	0.9	13
312	Granulite xenoliths from Cenozoic Basalts in SE China provide geochemical fingerprints to distinguish lower crust terranes from the North and South China tectonic blocks”Reply. <i>Lithos</i> , 2004, 73, 135-144.	0.6	1
313	3.6 Ga lower crust in central China: New evidence on the assembly of the North China craton. <i>Geology</i> , 2004, 32, 229.	2.0	295
314	The Evolution of the Upper Mantle beneath the Canary Islands: Information from Trace Elements and Sr isotope Ratios in Minerals in Mantle Xenoliths. <i>Journal of Petrology</i> , 2004, 45, 2573-2612.	1.1	61
315	Tracing Cu and Fe from source to porphyry: in situ determination of Cu and Fe isotope ratios in sulfides from the Grasberg Cu-Au deposit. <i>Chemical Geology</i> , 2004, 207, 147-169.	1.4	210
316	Mantle formation and evolution, Slave Craton: constraints from HSE abundances and Re-Os isotope systematics of sulfide inclusions in mantle xenocrysts. <i>Chemical Geology</i> , 2004, 208, 61-88.	1.4	143
317	Lithosphere evolution beneath the Kaapvaal Craton: Re-Os systematics of sulfides in mantle-derived peridotites. <i>Chemical Geology</i> , 2004, 208, 89-118.	1.4	186
318	Platinum-group elements and the multistage metasomatic history of Kerguelen lithospheric mantle (South Indian Ocean). <i>Chemical Geology</i> , 2004, 208, 195-215.	1.4	95
319	Distribution of high field strength and rare earth elements in mantle and lower crustal xenoliths from the Southwestern United States: The role of grain-boundary phases. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 3919-3942.	1.6	32
320	Archean crustal evolution in the northern Yilgarn Craton: U-Pb and Hf-isotope evidence from detrital zircons. <i>Precambrian Research</i> , 2004, 131, 231-282.	1.2	983
321	Archean mantle fragments in Proterozoic crust, Western Gneiss Region, Norway. <i>Geology</i> , 2004, 32, 609.	2.0	48
322	The integration of geophysics and geochemistry reveals the nature of the lithosphere beneath the Slave Craton (Canada). <i>ASEG Extended Abstracts</i> , 2004, 2004, 1-3.	0.1	0
323	Single zircon LAM-ICPMS U-Pb dating of Guidong complex (SE China) and its petrogenetic significance. <i>Science Bulletin</i> , 2003, 48, 1892-1899.	1.7	57
324	The thermal state and composition of the lithospheric mantle beneath the Leizhou Peninsula, South China. <i>Journal of Volcanology and Geothermal Research</i> , 2003, 122, 165-189.	0.8	39

#	ARTICLE	IF	CITATIONS
325	The evolution of lithospheric mantle beneath the Kalahari Craton and its margins. <i>Lithos</i> , 2003, 71, 215-241.	0.6	241
326	Granulite xenoliths from Cenozoic Basalts in SE China provide geochemical fingerprints to distinguish lower crust terranes from the North and South China tectonic blocks. <i>Lithos</i> , 2003, 67, 77-102.	0.6	92
327	Unusual mineral inclusions and carbon isotopes of alluvial diamonds from Bingara, eastern Australia. <i>Lithos</i> , 2003, 69, 51-66.	0.6	27
328	Upper mantle structure beneath eastern Siberia: Evidence from gravity modeling and mantle petrology. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	1.0	13
329	Enrichment of upper mantle peridotite: petrological, trace element and isotopic evidence in xenoliths from SE China. <i>Chemical Geology</i> , 2003, 198, 163-188.	1.4	106
330	The origin and evolution of Archean lithospheric mantle. <i>Precambrian Research</i> , 2003, 127, 19-41.	1.2	432
331	Proterozoic mantle lithosphere beneath the extended margin of the South China block: In situ Re-Os evidence. <i>Geology</i> , 2003, 31, 709.	2.0	45
332	Lithosphere structure and evolution in southeastern Australia. , 2003, , .		8
333	Single zircon LAM-ICPMS U-Pb dating of Guidong complex (SE China) and its petrogenetic significance. <i>Science Bulletin</i> , 2003, 48, 1892.	1.7	7
334	Multiple Origins of Alluvial Diamonds from New South Wales, Australia. <i>Economic Geology</i> , 2002, 97, 109-123.	1.8	20
335	Subduction signature for quenched carbonatites from the deep lithosphere. <i>Geology</i> , 2002, 30, 743.	2.0	61
336	Morphology and geochemistry of zircons from late Mesozoic igneous complexes in coastal SE China: implications for petrogenesis. <i>Mineralogical Magazine</i> , 2002, 66, 235-251.	0.6	33
337	Cr-pyropite garnets in the lithospheric mantle 2. Compositional populations and their distribution in time and space. <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, 1-35.	1.0	64
338	In situ measurement of Re-Os isotopes in mantle sulfides by laser ablation multicollector-inductively coupled plasma mass spectrometry: analytical methods and preliminary results. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 1037-1050.	1.6	170
339	Archean sulfide inclusions in Paleozoic zircon megacrysts from the Mir kimberlite, Yakutia: implications for the dating of diamonds. <i>Earth and Planetary Science Letters</i> , 2002, 199, 111-126.	1.8	95
340	New insights into the Re-Os systematics of sub-continental lithospheric mantle from in situ analysis of sulphides. <i>Earth and Planetary Science Letters</i> , 2002, 203, 651-663.	1.8	212
341	In situ Re-Os analysis of sulfide inclusions in kimberlitic olivine: New constraints on depletion events in the Siberian lithospheric mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, 1-25.	1.0	109
342	Apatite as an indicator mineral for mineral exploration: trace-element compositions and their relationship to host rock type. <i>Journal of Geochemical Exploration</i> , 2002, 76, 45-69.	1.5	475

#	ARTICLE	IF	CITATIONS
343	Igneous zircon: trace element composition as an indicator of source rock type. <i>Contributions To Mineralogy and Petrology</i> , 2002, 143, 602-622.	1.2	2,041
344	Zircon chemistry and magma mixing, SE China: In-situ analysis of Hf isotopes, Tonglu and Pingtan igneous complexes. <i>Lithos</i> , 2002, 61, 237-269.	0.6	2,383
345	The density structure of subcontinental lithosphere through time. <i>Earth and Planetary Science Letters</i> , 2001, 184, 605-621.	1.8	382
346	Laser-ablation microprobe (LAM)-ICPMS unravels the highly siderophile element geochemistry of the oceanic mantle. <i>Earth and Planetary Science Letters</i> , 2001, 189, 285-294.	1.8	144
347	Trace-element of Tuoyun clinopyroxene: Implication for the deep processes of lithospheric mantle beneath the southwest Tianshan, West China. <i>Science Bulletin</i> , 2001, 46, 1206-1211.	1.7	6
348	Almandine megacrysts from Yingfengling Cenozoic basalt in Leizhou Peninsula and their parental magma origin. <i>Science Bulletin</i> , 2001, 46, 1215-1219.	1.7	7
349	Petrogenesis and its significance to continental dynamics of the Neogene high-potassium calc-alkaline volcanic rock association from north Qiangtang, Tibetan Plateau. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 45-55.	0.9	9
350	Trace-element signatures of apatites in granitoids from the Mt Isa Inlier, northwestern Queensland. <i>Australian Journal of Earth Sciences</i> , 2001, 48, 603-619.	0.4	138
351	Two age populations of zircons from the Timber Creek kimberlites, Northern Territory, as determined by laser-ablation ICP-MS analysis. <i>Australian Journal of Earth Sciences</i> , 2001, 48, 757-765.	0.4	98
352	Journey beneath southern Africa. <i>Nature</i> , 2001, 412, 777-780.	13.7	5
353	Nuclear microprobe analysis of melt inclusions in minerals: Windows on metasomatic processes in the earth's mantle. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2001, 181, 578-585.	0.6	14
354	Thermal and petrological structure of the lithosphere beneath Hannuoba, Sino-Korean Craton, China: evidence from xenoliths. <i>Lithos</i> , 2001, 56, 267-301.	0.6	202
355	Relict refractory mantle beneath the eastern North China block: significance for lithosphere evolution. <i>Lithos</i> , 2001, 57, 43-66.	0.6	328
356	Hydrous metasomatism of oceanic sub-arc mantle, Lihir, Papua New Guinea Part 2. Trace element characteristics of slab-derived fluids. <i>Lithos</i> , 2001, 59, 91-108.	0.6	124
357	Two age populations of zircons from the Timber Creek kimberlites, Northern Territory, as determined by laser-ablation ICP-MS analysis. <i>Australian Journal of Earth Sciences</i> , 2001, 48, 757.	0.4	108
358	High Field Strength Element Fractionation in the Upper Mantle: Evidence from Amphibole-Rich Composite Mantle Xenoliths from the Kerguelen Islands (Indian Ocean). <i>Journal of Petrology</i> , 2001, 42, 2145-2167.	1.1	72
359	Are Lithospheres Forever? Tracking Changes in Subcontinental Lithospheric Mantle Through Time. <i>GSA Today</i> , 2001, 11, 4.	1.1	242
360	The boundary phase and the melting of CaSiO ₃ and MgSiO ₃ perovskites. <i>Journal of Physics and Chemistry of Solids</i> , 2000, 61, 1815-1820.	1.9	9

#	ARTICLE	IF	CITATIONS
361	Non-chondritic distribution of the highly siderophile elements in mantle sulphides. <i>Nature</i> , 2000, 407, 891-894.	13.7	428
362	Apatite in the mantle: implications for metasomatic processes and high heat production in Phanerozoic mantle. <i>Lithos</i> , 2000, 53, 217-232.	0.6	253
363	Noble gases in pyroxenites and metasomatised peridotites from the Newer Volcanics, southeastern Australia: implications for mantle metasomatism. <i>Chemical Geology</i> , 2000, 168, 49-73.	1.4	73
364	Mapping olivine composition in the lithospheric mantle. <i>Earth and Planetary Science Letters</i> , 2000, 182, 223-235.	1.8	129
365	Nature of the lithospheric mantle beneath the eastern part of the Central Asian fold belt: mantle xenolith evidence. <i>Tectonophysics</i> , 2000, 328, 131-156.	0.9	79
366	The Hf isotope composition of cratonic mantle: LAM-MC-ICPMS analysis of zircon megacrysts in kimberlites. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 133-147.	1.6	2,925
367	Armalcolite-bearing, Ti-rich metasomatic assemblages in harzburgitic xenoliths from the Kerguelen Islands: implications for the oceanic mantle budget of high-field strength elements. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 673-694.	1.6	91
368	Genesis of Young Lithospheric Mantle in Southeastern China: an LAM-ICPMS Trace Element Study. <i>Journal of Petrology</i> , 2000, 41, 111-148.	1.1	219
369	Trace Element Residence and Partitioning in Mantle Xenoliths Metasomatized by Highly Alkaline, Silicate- and Carbonate-rich Melts (Kerguelen Islands, Indian Ocean). <i>Journal of Petrology</i> , 2000, 41, 477-509.	1.1	197
370	Ultramafic Xenoliths from Kutch, Northwest India: Plume-Related Mantle Samples?. <i>International Geology Review</i> , 2000, 42, 416-444.	1.1	42
371	Diamonds from Wellington, NSW: insights into the origin of eastern Australian diamonds. <i>Mineralogical Magazine</i> , 1999, 63, 447-471.	0.6	35
372	Geochemistry and Origin of Sulphide Minerals in Mantle Xenoliths: Qilin, Southeastern China. <i>Journal of Petrology</i> , 1999, 40, 1125-1149.	1.1	94
373	Cr-Pyropite Garnets in the Lithospheric Mantle. I. Compositional Systematics and Relations to Tectonic Setting. <i>Journal of Petrology</i> , 1999, 40, 679-704.	1.1	113
374	Layered Mantle Lithosphere in the Lac de Gras Area, Slave Craton: Composition, Structure and Origin. <i>Journal of Petrology</i> , 1999, 40, 705-727.	1.1	235
375	The Siberian lithosphere traverse: mantle terranes and the assembly of the Siberian Craton. <i>Tectonophysics</i> , 1999, 310, 1-35.	0.9	212
376	Location of Pacific and Indian mid-ocean ridge-type mantle in two time slices: Evidence from Pb, Sr, and Nd isotopes for Cenozoic Australian basalts. <i>Geology</i> , 1999, 27, 39.	2.0	24
377	Combined U-Pb dating and Sm-Nd studies on lower crustal and mantle xenoliths from the Delegate basaltic pipes, southeastern Australia. <i>Contributions To Mineralogy and Petrology</i> , 1998, 130, 154-161.	1.2	18
378	Trace element characteristics in the diopsides of peridotite xenoliths: a laser ablation-inductively coupled plasma-mass spectrometry study. <i>Science Bulletin</i> , 1998, 43, 579-583.	1.7	3

#	ARTICLE	IF	CITATIONS
379	Noble gases in anhydrous lherzolites from the newer volcanics, southeastern Australia: a MORB-like reservoir in the subcontinental mantle. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 2521-2533.	1.6	75
380	Nature and Evolution of Cenozoic Lithospheric Mantle beneath Shandong Peninsula, Sino-Korean Craton, Eastern China. <i>International Geology Review</i> , 1998, 40, 471-499.	1.1	224
381	Quantitative analysis of trace element abundances in glasses and minerals: a comparison of laser ablation inductively coupled plasma mass spectrometry, solution inductively coupled plasma mass spectrometry, proton microprobe and electron microprobe data. <i>Journal of Analytical Atomic Spectrometry</i> , 1998, 13, 477-482.	1.6	196
382	Paleogeothermal gradients in Australia: Key to 4â€ lithosphere mapping*. <i>Australian Journal of Earth Sciences</i> , 1998, 45, 817-821.	0.4	6
383	A geotherm and lithospheric section for central Mongolia (Tariat region). <i>Geodynamic Series</i> , 1998, , 127-153.	0.1	42
384	The nature of the Cenozoic lithosphere at Nushan, eastern China. <i>Geodynamic Series</i> , 1998, , 167-195.	0.1	84
385	Phanerozoic evolution of the lithosphere beneath the Sino-Korean craton. <i>Geodynamic Series</i> , 1998, , 107-126.	0.1	524
386	Secular variation in the composition of subcontinental lithospheric mantle: Geophysical and geodynamic implications. <i>Geodynamic Series</i> , 1998, , 1-26.	0.1	81
387	Minor elements in olivine from spinel lherzolite xenoliths: implications for thermobarometry. <i>Mineralogical Magazine</i> , 1997, 61, 257-269.	0.6	75
388	Multiple sources for basaltic rocks from Dubbo, eastern Australia: geochemical evidence for plumeâ€lithospheric mantle interaction. <i>Chemical Geology</i> , 1997, 136, 33-54.	1.4	67
389	Volatile-bearing minerals and lithophile trace elements in the upper mantle. <i>Chemical Geology</i> , 1997, 141, 153-184.	1.4	307
390	Plume-like neon in a metasomatic apatite from the Australian lithospheric mantle. <i>Nature</i> , 1997, 388, 162-164.	13.7	83
391	Major and trace element, and Sr-Nd isotope constraints on the origin of Paleogene volcanism in South China prior to the South China Sea opening. <i>Lithos</i> , 1997, 40, 203-220.	0.6	97
392	Thermal state and composition of the lithospheric mantle beneath the Daldyn kimberlite field, Yakutia. <i>Tectonophysics</i> , 1996, 262, 19-33.	0.9	73
393	4-D Lithosphere Mapping: methodology and examples. <i>Tectonophysics</i> , 1996, 262, 3-18.	0.9	109
394	Zircon inclusions in corundum megacrysts: I. Trace element geochemistry and clues to the origin of corundum megacrysts in alkali basalts. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 2347-2363.	1.6	76
395	A xenolith-derived geotherm and the crust-mantle boundary at Qilin, southeastern China. <i>Lithos</i> , 1996, 38, 41-62.	0.6	116
396	Corundum from basaltic terrains: a mineral inclusion approach to the enigma. <i>Contributions To Mineralogy and Petrology</i> , 1996, 122, 368-386.	1.2	79

#	ARTICLE	IF	CITATIONS
397	Carbonate-bearing mantle peridotite xenoliths from Spitsbergen: phase relationships, mineral compositions and trace-element residence. <i>Contributions To Mineralogy and Petrology</i> , 1996, 125, 375-392.	1.2	124
398	Geochemical characteristics of lava-field basalts from eastern Australia and inferred sources: Connections with the subcontinental lithospheric mantle?. <i>Contributions To Mineralogy and Petrology</i> , 1995, 121, 148-170.	1.2	99
399	Feldspar-bearing lherzolite xenoliths in alkali basalts from Hamar-Daban, southern Baikal region, Russia. <i>Contributions To Mineralogy and Petrology</i> , 1995, 122, 174-190.	1.2	65
400	Thermal state of the lithosphere beneath Central Mongolia: evidence from deep-seated xenoliths from the Shavaryn-Saram volcanic centre in the Tariat depression, Hangai, Mongolia. <i>Lithos</i> , 1995, 36, 243-255.	0.6	49
401	The crust-mantle boundary beneath cratons and craton margins: a transect across the south-west margin of the Kaapvaal craton. <i>Lithos</i> , 1995, 36, 257-287.	0.6	41
402	Peridotite xenoliths in alkali basalts from the Sikhote-Alin, southeastern Siberia, Russia: trace-element signatures of mantle beneath a convergent continental margin. <i>Chemical Geology</i> , 1995, 120, 275-294.	1.4	79
403	Trace-element partitioning between garnet and clinopyroxene in mantle-derived pyroxenites and eclogites: P-T-X controls. <i>Chemical Geology</i> , 1995, 121, 105-130.	1.4	65
404	A cobalt-rich spinel inclusion in a sapphire from Bo Ploi, Thailand. <i>Mineralogical Magazine</i> , 1994, 58, 247-258.	0.6	12
405	Dating lower crust and upper mantle events: an ion microprobe study of xenoliths from kimberlitic pipes, South Australia. <i>Lithos</i> , 1994, 32, 77-94.	0.6	40
406	Moho and petrologic crust-mantle boundary coincide under southeastern Australia: Comment and Reply. <i>Geology</i> , 1994, 22, 666.	2.0	22
407	Carbonated peridotite xenoliths from Spitsbergen: implications for trace element signature of mantle carbonate metasomatism. <i>Earth and Planetary Science Letters</i> , 1993, 119, 283-297.	1.8	344
408	Ba partitioning and the origin of anorthoclase megacrysts in basaltic rocks. <i>Mineralogical Magazine</i> , 1992, 56, 101-107.	0.6	15
409	Xenolith geotherms and crustal models in Eastern Australia. <i>Tectonophysics</i> , 1991, 192, 359-366.	0.9	52
410	Heterogeneity in the thermal state of the lower crust and upper mantle beneath eastern Australia. <i>Exploration Geophysics</i> , 1991, 22, 295-298.	0.5	10
411	Applications of Olivine–Orthopyroxene–Spinel Oxygen Geobarometers to the Redox State of the Upper Mantle. <i>Journal of Petrology</i> , 1991, Special_Volume, 291-306.	1.1	12
412	Thermobarometry and P-T-t paths: the granulite to eclogite transition in lower crustal xenoliths from eastern Australia. <i>Journal of Metamorphic Geology</i> , 1991, 9, 349-359.	1.6	20
413	Residence of trace elements in metasomatized spinel lherzolite xenoliths: a proton-microprobe study. <i>Contributions To Mineralogy and Petrology</i> , 1991, 109, 98-113.	1.2	169
414	The granulite to eclogite transition beneath the eastern margin of the Australian craton. <i>European Journal of Mineralogy</i> , 1991, 3, 293-322.	0.4	32

#	ARTICLE	IF	CITATIONS
415	Discussion: The Sydney Basin: Composition of basement. Australian Journal of Earth Sciences, 1990, 37, 485-486.	0.4	7
416	Measured and calculated elastic wave velocities for xenoliths from the lower crust and upper mantle. Tectonophysics, 1990, 173, 207-210.	0.9	34
417	Equilibration temperatures and elastic wave velocities for upper mantle rocks from eastern Australia: implications for the interpretation of seismological models. Tectonophysics, 1990, 185, 67-82.	0.9	26
418	A primitive alkali basaltic stratovolcano and associated eruptive centres, Northwestern Spitsbergen: Volcanology and tectonic significance. Journal of Volcanology and Geothermal Research, 1989, 37, 1-19.	0.8	59
419	Mantle metasomatism beneath western Victoria, Australia: I. Metasomatic processes in Cr-diopside lherzolites. Geochimica Et Cosmochimica Acta, 1988, 52, 433-447.	1.6	288
420	Mantle metasomatism beneath western Victoria, Australia: II. Isotopic geochemistry of Cr-diopside lherzolites and Al-augite pyroxenites. Geochimica Et Cosmochimica Acta, 1988, 52, 449-459.	1.6	138
421	Evolution of Phanerozoic Eastern Australian Lithosphere: Isotopic Evidence for Magmatic and Tectonic Underplating. Journal of Petrology, 1988, Special_Volume, 89-108.	1.1	24
422	Is the continental Moho the crust-mantle boundary?. Geology, 1987, 15, 241.	2.0	205
423	The lower crust and upper mantle beneath northwestern Spitsbergen: evidence from xenoliths and geophysics. Tectonophysics, 1987, 139, 169-185.	0.9	95
424	Primary sulphide melt inclusions in mantle-derived megacrysts and pyroxenites. Lithos, 1987, 20, 279-294.	0.6	97
425	Helium and strontium isotopes in ultramafic xenoliths. Chemical Geology, 1986, 54, 237-249.	1.4	84
426	The lower crust in eastern Australia: xenolith evidence. Geological Society Special Publication, 1986, 24, 363-374.	0.8	31
427	Mantle-derived sapphirine. Mineralogical Magazine, 1986, 50, 635-640.	0.6	25
428	A xenolith-derived geotherm for southeastern Australia and its geophysical implications. Tectonophysics, 1985, 111, 41-63.	0.9	230
429	Ultramafic Xenoliths from Bullenmerri and Gnotuk Maars, Victoria, Australia: Petrology of a Sub-Continental Crust-Mantle Transition. Journal of Petrology, 1984, 25, 53-87.	1.1	196
430	Sr isotopic heterogeneity in primitive basaltic rocks, southeastern Australia: correlation with mantle metasomatism. Contributions To Mineralogy and Petrology, 1984, 87, 220-230.	1.2	37
431	The trapped fluid phase in upper mantle xenoliths from Victoria, Australia: implications for mantle metasomatism. Contributions To Mineralogy and Petrology, 1984, 88, 72-85.	1.2	168
432	Rb/Sr evidence for the nature of the mantle, thermal events and volcanic activity of the Southeastern Australian continental margin. Journal of Volcanology and Geothermal Research, 1984, 21, 107-117.	0.8	9

#	ARTICLE	IF	CITATIONS
433	CO ₂ - and LREE-rich mantle below eastern Australia: a REE and isotopic study of alkaline magmas and apatite-rich mantle xenoliths from the Southern Highlands Province, Australia. <i>Earth and Planetary Science Letters</i> , 1983, 65, 287-302.	1.8	112
434	Multiple origins of clinopyroxenes in alkali basaltic rocks. <i>Lithos</i> , 1979, 12, 115-132.	0.6	197
435	Plagioclase-spinel intergrowths in alkali basaltic rocks from the Southern Highlands, N.S.W.. <i>Contributions To Mineralogy and Petrology</i> , 1973, 38, 167-175.	1.2	13
436	Oxides of low pressure origin from alkali basaltic rocks, southern highlands, N.S.W., and their bearing on the petrogenesis of alkali basaltic magmas. <i>Journal of the Geological Society of Australia</i> , 1973, 20, 427-447.	0.6	19
437	Geochemistry and Origin of Sulphide Minerals in Mantle Xenoliths: Qilin, Southeastern China. , 0, .		12
438	Comment on "Ultra-high pressure and ultra-reduced minerals in ophiolites may form by lightning strikes" by Ballhaus et al., 2017: Ultra-high pressure and super-reduced minerals in ophiolites do not form by lightning strikes. <i>Geochemical Perspectives Letters</i> , 0, , 1-2.	1.0	11