# William L. Griffin

List of Publications by Year
in descending order



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|---|---|---|---|
| 656 papers | 63,332 citations | 997 114 h-index | 1222 227 g-index |
| 684 all docs | 684 docs citations | 684 times ranked | 13421 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | THREE NATURAL ZIRCON STANDARDS FOR U-TH-PB, LU-HF, TRACE ELEMENT AND REE ANALYSES. Geostandards and Geoanalytical Research, 1995, 19, 1-23. | 3.1 | 4,868 |
| 2 | The application of laser ablation-inductively coupled plasma-mass spectrometry to in situ Uâ€“Pb zircon geochronology. Chemical Geology, 2004, 211, 47-69. | 3.3 | 4,097 |
| 3 | The Hf isotope composition of cratonic mantle: LAM-MC-ICPMS analysis of zircon megacrysts in kimberlites. Geochimica Et Cosmochimica Acta, 2000, 64, 133-147. | 3.9 | 2,925 |
| 4 | Zircon chemistry and magma mixing, SE China: In-situ analysis of Hf isotopes, Tonglu and Pingtan igneous complexes. Lithos, 2002, 61, 237-269. | 1.4 | 2,383 |
| 5 | Igneous zircon: trace element composition as an indicator of source rock type. Contributions To Mineralogy and Petrology, 2002, 143, 602-622. | 3.1 | 2,041 |
| 6 | Archean crustal evolution in the northern Yilgarn Craton: Uâ€“Pb and Hf-isotope evidence from detrital zircons. Precambrian Research, 2004, 131, 231-282. | 2.7 | 983 |
| 7 | The growth of the continental crust: Constraints from zircon Hf-isotope data. Lithos, 2010, 119, 457-466. | 1.4 | 697 |
| 8 | Granitoid events in space and time: Constraints from igneous and detrital zircon age spectra. Gondwana Research, 2009, 15, 228-242. | 6.0 | 579 |
| 9 | 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. | 2.7 | 554 |
| 10 | The Composition and Evolution of Lithospheric Mantle: a Re-evaluation and its Tectonic Implications. Journal of Petrology, 2009, 50, 1185-1204. | 2.8 | 540 |
| 11 | Phanerozoic evolution of the lithosphere beneath the Sino-Korean craton. Geodynamic Series, 1998, , 107-126. | 0.1 | 524 |
| 12 | 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. | 2.8 | 502 |
| 13 | Widespread Archean basement beneath the Yangtze craton. Geology, 2006, 34, 417. | 4.4 | 491 |
| 14 | The lithospheric architecture of Africa: Seismic tomography, mantle petrology, and tectonic evolution. , 2009, 5, 23-50. | | 477 |
| 15 | Apatite as an indicator mineral for mineral exploration: trace-element compositions and their relationship to host rock type. Journal of Geochemical Exploration, 2002, 76, 45-69. | 3.2 | 475 |
| 16 | Application of proton-microprobe data to trace-element partitioning in volcanic rocks. Chemical Geology, 1994, 117, 251-284. | 3.3 | 466 |
| 17 | The origin and evolution of Archean lithospheric mantle. Precambrian Research, 2003, 127, 19-41. | 2.7 | 432 |
| 18 | Non-chondritic distribution of the highly siderophile elements in mantle sulphides. Nature, 2000, 407, 891-894. | 27.8 | 428 |

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| 19 | The crust of Cathaysia: Age, assembly and reworking of two terranes. Precambrian Research, 2007, 158, 51-78. | 2.7 | 428 |
| 20 | SNIP, a statistics-sensitive background treatment for the quantitative analysis of PIXE spectra in geoscience applications. Nuclear Instruments & Methods in Physics Research B, 1988, 34, 396-402. | 1.4 | 394 |
| 21 | QUANTITATIVE ANALYSIS OF TRACE ELEMENTS IN GEOLOGICAL MATERIALS BY LASER ABLATION ICPMS: INSTRUMENTAL OPERATING CONDITIONS AND CALIBRATION VALUES OF NIST GLASSES. Geostandards and Geoanalytical Research, 1996, 20, 247-261. | 3.1 | 386 |
| 22 | 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. Precambrian Research, 2010, 181, 97-114. | 2.7 | 386 |
| 23 | The density structure of subcontinental lithosphere through time. Earth and Planetary Science Letters, 2001, 184, 605-621. | 4.4 | 382 |
| 24 | A Paleoproterozoic orogeny recorded in a long-lived cratonic remnant (Wuyishan terrane), eastern Cathaysia Block, China. Precambrian Research, 2009, 174, 347-363. | 2.7 | 374 |
| 25 | Mesozoic decratonization of the North China block. Geology, 2008, 36, 467. | 4.4 | 341 |
| 26 | 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. | 3.9 | 339 |
| 27 | Relict refractory mantle beneath the eastern North China block: significance for lithosphere evolution. Lithos, 2001, 57, 43-66. | 1.4 | 328 |
| 28 | Volatile-bearing minerals and lithophile trace elements in the upper mantle. Chemical Geology, 1997, 141, 153-184. | 3.3 | 307 |
| 29 | Comment: Hf-isotope heterogeneity in zircon 91500. Chemical Geology, 2006, 233, 358-363. | 3.3 | 297 |
| 30 | 3.6 Ga lower crust in central China: New evidence on the assembly of the North China craton. Geology, 2004, 32, 229. | 4.4 | 295 |
| 31 | Mantle metasomatism beneath western Victoria, Australia: I. Metasomatic processes in Cr-diopside lherzolites. Geochimica Et Cosmochimica Acta, 1988, 52, 433-447. | 3.9 | 288 |
| 32 | Quantitative pixe microanalysis of geological matemal using the CSIRO proton microprobe. Nuclear Instruments & Methods in Physics Research B, 1990, 47, 55-71. | 1.4 | 285 |
| 33 | Chronology of the pressure-temperature history recorded by a granulite terrain. Contributions To Mineralogy and Petrology, 1988, 98, 303-311. | 3.1 | 282 |
| 34 | Where was South China in the Rodinia supercontinent?. Precambrian Research, 2008, 164, 1-15. | 2.7 | 281 |
| 35 | 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. Precambrian Research, 2012, 222-223, 424-449. | 2.7 | 261 |
| 36 | Geochemical zonation across a Neoproterozoic orogenic belt: Isotopic evidence from granitoids and metasedimentary rocks of the Jiangnan orogen, China. Precambrian Research, 2014, 242, 154-171. | 2.7 | 261 |

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| 37 | Apatite in the mantle: implications for metasomatic processes and high heat production in Phanerozoic mantle. Lithos, 2000, 53, 217-232. | 1.4 | 253 |
| 38 | Lithospheric, Cratonic, and Geodynamic Setting of Ni-Cu-PGE Sulfide Deposits. Economic Geology, 2010, 105, 1057-1070. | 3.8 | 253 |
| 39 | Uâ€“Pb ages and source composition by Hf-isotope and trace-element analysis of detrital zircons in Permian sandstone and modern sand from southwestern Australia and a review of the paleogeographical and denudational history of the Yilgarn Craton. Earth-Science Reviews, 2005, 68, 245-279. | 9.1 | 250 |
| 40 | Are Lithospheres Forever? Tracking Changes in Subcontinental Lithospheric Mantle Through Time. GSA Today, 2001, 11, 4. | 2.0 | 242 |
| 41 | The evolution of lithospheric mantle beneath the Kalahari Craton and its margins. Lithos, 2003, 71, 215-241. | 1.4 | 241 |
| 42 | Layered Mantle Lithosphere in the Lac de Gras Area, Slave Craton: Composition, Structure and Origin. Journal of Petrology, 1999, 40, 705-727. | 2.8 | 235 |
| 43 | Harzburgite to lherzolite and back again: metasomatic processes in ultramafic xenoliths from the Wesselton kimberlite, Kimberley, South Africa. Contributions To Mineralogy and Petrology, 1999, 134, 232-250. | 3.1 | 231 |
| 44 | Continental-root control on the genesis of magmatic ore deposits. Nature Geoscience, 2013, 6, 905-910. | 12.9 | 231 |
| 45 | A xenolith-derived geotherm for southeastern australia and its geophysical implications. Tectonophysics, 1985, 111, 41-63. | 2.2 | 230 |
| 46 | Nature and Evolution of Cenozoic Lithospheric Mantle beneath Shandong Peninsula, Sino-Korean Craton, Eastern China. International Geology Review, 1998, 40, 471-499. | 2.1 | 224 |
| 47 | Apatite Composition: Tracing Petrogenetic Processes in Transhimalayan Granitoids. Journal of Petrology, 2009, 50, 1829-1855. | 2.8 | 223 |
| 48 | Shear deformation and eclogite formation within granulite-facies anorthosites of the Bergen Arcs, western Norway. Chemical Geology, 1985, 50, 267-281. | 3.3 | 220 |
| 49 | Genesis of Young Lithospheric Mantle in Southeastern China: an LAMâ€“ICPMS Trace Element Study. Journal of Petrology, 2000, 41, 111-148. | 2.8 | 219 |
| 50 | Garnet geotherms: Pressure-temperature data from Cr-pyrope garnet xenocrysts in volcanic rocks. Journal of Geophysical Research, 1996, 101, 5611-5625. | 3.3 | 217 |
| 51 | Precambrian crustal evolution of the Yangtze Block tracked by detrital zircons from Neoproterozoic sedimentary rocks. Precambrian Research, 2010, 177, 131-144. | 2.7 | 215 |
| 52 | The Siberian lithosphere traverse: mantle terranes and the assembly of the Siberian Craton. Tectonophysics, 1999, 310, 1-35. | 2.2 | 212 |
| 53 | New insights into the Reâ€“Os systematics of sub-continental lithospheric mantle from in situ analysis of sulphides. Earth and Planetary Science Letters, 2002, 203, 651-663. | 4.4 | 212 |
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| 57 | Integrated geophysicalâ€petrological modeling of the lithosphere and sublithospheric upper mantle: Methodology and applications. Geochemistry, Geophysics, Geosystems, 2008, 9, . | 2.5 | 200 |
| 58 | Crustal Evolution in the SW Part of the Baltic Shield: the Hf Isotope Evidence. Journal of Petrology, 2002, 43, 1725-1747. | 2.8 | 198 |
| 59 | Ultramafic Xenoliths from Bullenmerri and Gnotuk Maars, Victoria, Australia: Petrology of a Sub-Continental Crust-Mantle Transition. Journal of Petrology, 1984, 25, 53-87. | 2.8 | 196 |
| 60 | 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. Journal of Analytical Atomic Spectrometry, 1998, 13, 477-482. | 3.0 | 196 |
| 61 | Superdeep diamonds from the Juina area, Mato Grosso State, Brazil. Contributions To Mineralogy and Petrology, 2001, 140, 734-753. | 3.1 | 195 |
| 62 | Mineral Chemistry of Peridotites from Paleozoic, Mesozoic and Cenozoic Lithosphere: Constraints on Mantle Evolution beneath Eastern China. Journal of Petrology, 2006, 47, 2233-2256. | 2.8 | 195 |
| 63 | Triassic â€œadakiticâ€• rocks in an extensional setting (North China): Melts from the cratonic lower crust. Lithos, 2012, 149, 159-173. | 1.4 | 194 |
| 64 | Lithosphere mapping beneath the North American plateâ˜†. Lithos, 2004, 77, 873-922. | 1.4 | 193 |
| 65 | In situ Os isotopes in abyssal peridotites bridge the isotopic gap between MORBs and their source mantle. Nature, 2005, 436, 1005-1008. | 27.8 | 190 |
| 66 | Early crustal evolution in the western Yangtze Block: Evidence from Uâ€“Pb and Luâ€“Hf isotopes on detrital zircons from sedimentary rocks. Precambrian Research, 2012, 222-223, 368-385. | 2.7 | 190 |
| 67 | The Taihua group on the southern margin of the North China craton: further insights from Uâ€“Pb ages and Hf isotope compositions of zircons. Mineralogy and Petrology, 2009, 97, 43-59. | 1.1 | 189 |
| 68 | Uâ€“Pb isotopic ages and Hf isotopic composition of single zircons: The search for juvenile Precambrian continental crust. Precambrian Research, 2005, 139, 42-100. | 2.7 | 187 |
| 69 | Lithosphere evolution beneath the Kaapvaal Craton: Reâ€“Os systematics of sulfides in mantle-derived peridotites. Chemical Geology, 2004, 208, 89-118. | 3.3 | 186 |
| 70 | Are continental â€œadakitesâ€• derived from thickened or foundered lower crust?. Earth and Planetary Science Letters, 2015, 419, 125-133. | 4.4 | 176 |
| 71 | The world turns over: Hadeanâ€“Archean crustâ€“mantle evolution. Lithos, 2014, 189, 2-15. | 1.4 | 173 |
| 72 | In situ measurement of Re-Os isotopes in mantle sulfides by laser ablation multicollector-inductively coupled plasma mass spectrometry: analytical methods and preliminary results. Geochimica Et Cosmochimica Acta, 2002, 66, 1037-1050. | 3.9 | 170 |

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| 73 | Chromitites in ophiolites: How, where, when, why? Part II. The crystallization of chromitites. Lithos, 2014, 189, 140-158. | 1.4 | 170 |
| 74 | Cadomian (Ediacaranâ€"Cambrian) arc magmatism in the ChahJamâ€"Biarjmand metamorphic complex (Iran): Magmatism along the northern active margin of Gondwana. Gondwana Research, 2015, 27, 439-452. | 6.0 | 170 |
| 75 | Residence of trace elements in metasomatized spinel lherzolite xenoliths: a proton-microprobe study. Contributions To Mineralogy and Petrology, 1991, 109, 98-113. | 3.1 | 169 |
| 76 | Caledonian Smâ€"Nd ages and a crustal origin for Norwegian eclogites. Nature, 1980, 285, 319-321. | 27.8 | 168 |
| 77 | The trapped fluid phase in upper mantle xenoliths from Victoria, Australia: implications for mantle metasomatism. Contributions To Mineralogy and Petrology, 1984, 88, 72-85. | 3.1 | 168 |
| 78 | High-Cr and high-Al chromitites from the Sagua de TÃ¡namo district, MayarÃ-Cristal ophiolitic massif (eastern Cuba): Constraints on their origin from mineralogy and geochemistry of chromian spinel and platinum-group elements. Lithos, 2011, 125, 101-121. | 1.4 | 160 |
| 79 | Archaean and Proterozoic crustal evolution in Lofotenâ€"VesterÃ¥len, N Norway. Journal of the Geological Society, 1978, 135, 629-647. | 2.1 | 159 |
| 80 | Trace elements in indicator minerals: area selection and target evaluation in diamond exploration. Journal of Geochemical Exploration, 1995, 53, 311-337. | 3.2 | 157 |
| 81 | Mineral inclusions in diamonds from the Sputnik kimberlite pipe, Yakutia. Lithos, 1997, 39, 135-157. | 1.4 | 156 |
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| 83 | A new model for the evolution of diamond-forming fluids: Evidence from microinclusion-bearing diamonds from Kankan, Guinea. Lithos, 2009, 112, 660-674. | 1.4 | 151 |
| 84 | 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. Gondwana Research, 2010, 17, 583-601. | 6.0 | 147 |
| 85 | Granitic magmatism, basement ages, and provenance indicators in the Malay Peninsula: Insights from detrital zircon Uâ€"Pb and Hf-isotope data. Gondwana Research, 2011, 19, 1024-1039. | 6.0 | 147 |
| 86 | Mantle formation and evolution, Slave Craton: constraints from HSE abundances and Reâ€"Os isotope systematics of sulfide inclusions in mantle xenocrysts. Chemical Geology, 2004, 208, 61-88. | 3.3 | 143 |
| 87 | Trace element composition and cathodoluminescence properties of southern African kimberlitic zircons. Mineralogical Magazine, 1998, 62, 355-366. | 1.4 | 142 |
| 88 | 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. | 3.9 | 138 |
| 89 | Traceâ€element signatures of apatites in granitoids from the Mt Isa Inlier, northwestern Queensland. Australian Journal of Earth Sciences, 2001, 48, 603-619. | 1.0 | 138 |
| 90 | Early Archaean granulite-facies metamorphism south of Ameralik, West Greenland. Earth and Planetary Science Letters, 1980, 50, 59-74. | 4.4 | 137 |

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| 91 | Mesoarchean subduction processes: 2.87 Ga eclogites from the Kola Peninsula, Russia. Geology, 2010, 38, 739-742. | 4.4 | 137 |
| 92 | Mantle Recycling: Transition Zone Metamorphism of Tibetan Ophiolitic Peridotites and its Tectonic Implications. Journal of Petrology, 2016, 57, 655-684. | 2.8 | 137 |
| 93 | Quantitative analysis of PIXE spectra in geoscience applications. Nuclear Instruments & Methods in Physics Research B, 1990, 49, 271-276. | 1.4 | 135 |
| 94 | Archaean and Proterozoic crustal evolution in the Eastern Succession of the Mt Isa district, Australia: UÂâ€“ÂPb and Hf-isotope studies of detrital zircons *. Australian Journal of Earth Sciences, 2006, 53, 125-149. | 1.0 | 135 |
| 95 | Provenance of Lower Cretaceous WÃ¶long Volcaniclastics in the Tibetan Tethyan Himalaya: Implications for the final breakup of Eastern Gondwana. Sedimentary Geology, 2010, 223, 193-205. | 2.1 | 135 |
| 96 | Mantle Metasomatism. Lecture Notes in Earth System Sciences, 2013, , 471-533. | 0.6 | 135 |
| 97 | Uâ€“Pb and Luâ€“Hf isotopes in detrital zircon from Neoproterozoic sedimentary rocks in the northern Yangtze Block: Implications for Precambrian crustal evolution. Gondwana Research, 2013, 23, 1261-1272. | 6.0 | 134 |
| 98 | 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. | 4.4 | 132 |
| 99 | Ophiolites of Iran: Keys to understanding the tectonic evolution of SW Asia: (II) Mesozoic ophiolites. Journal of Asian Earth Sciences, 2015, 100, 31-59. | 2.3 | 131 |
| 100 | Ni in chrome pyrope garnets: a new geothermometer. Contributions To Mineralogy and Petrology, 1989, 103, 199-202. | 3.1 | 130 |
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| 103 | Cratonic lithospheric mantle: Is anything subducted?. Episodes, 2007, 30, 43-53. | 1.2 | 129 |
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| 106 | Geochemistry and geochronology of Carboniferous volcanic rocks in the eastern Junggar terrane, NW China: Implication for a tectonic transition. Gondwana Research, 2012, 22, 1009-1029. | 6.0 | 124 |
| 107 | Provenance comparisons of Permian to Jurassic tectonostratigraphic terranes in New Zealand: perspectives from detrital zircon age patterns. Geological Magazine, 2007, 144, 701-729. | 1.5 | 123 |
| 108 | 3â€Ð 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. Journal of Geophysical Research: Solid Earth, 2013, 118, 2586-2617. | 3.4 | 121 |

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| 109 | Uâ€“Pb and Hf-isotope analysis of zircons in mafic xenoliths from Fuxian kimberlites: evolution of the lower crust beneath the North China craton. Contributions To Mineralogy and Petrology, 2004, 148, 79-103. | 3.1 | 120 |
| 110 | Mg and Fe-rich carbonateâ€“silicate high-density fluids in cuboid diamonds from the Internationalnaya kimberlite pipe (Yakutia). Lithos, 2009, 112, 638-647. | 1.4 | 120 |
| 111 | Metasomatism in mantle xenoliths from the Letlhakane kimberlites: estimation of element fluxes. Contributions To Mineralogy and Petrology, 2001, 141, 397-414. | 3.1 | 119 |
| 112 | Rejuvenation vs. recycling of Archean crust in the Gawler Craton, South Australia: Evidence from Uâ€“Pb and Hf isotopes in detrital zircon. Lithos, 2009, 113, 570-582. | 1.4 | 119 |
| 113 | Reâ€“Os isotopes of sulfides in mantle xenoliths from eastern China: Progressive modification of lithospheric mantle. Lithos, 2008, 102, 43-64. | 1.4 | 117 |
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| 115 | A xenolith-derived geotherm and the crust-mantle boundary at Qilin, southeastern China. Lithos, 1996, 38, 41-62. | 1.4 | 116 |
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| 120 | Transformation of Archaean Lithospheric Mantle by Refertilization: Evidence from Exposed Peridotites in the Western Gneiss Region, Norway. Journal of Petrology, 2006, 47, 1611-1636. | 2.8 | 113 |
| 121 | Melt/mantle mixing produces podiform chromite deposits in ophiolites: Implications of Reâ€“Os systematics in the Dongqiao Neo-tethyan ophiolite, northern Tibet. Gondwana Research, 2012, 21, 194-206. | 6.0 | 113 |
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| 124 | 4-D Lithosphere Mapping: methodology and examples. Tectonophysics, 1996, 262, 3-18. | 2.2 | 109 |
| 125 | In situ Re-Os analysis of sulfide inclusions in kimberlitic olivine: New constraints on depletion events in the Siberian lithospheric mantle. Geochemistry, Geophysics, Geosystems, 2002, 3, 1-25. | 2.5 | 109 |
| 126 | Diamond, subcalcic garnet, and mantle metasomatism: Kimberlite sampling patterns define the link. Geology, 2007, 35, 339. | 4.4 | 109 |

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| 127 | 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. Science Bulletin, 2005, 50, 2080. | 1.7 | 109 |
| 128 | Two age populations of zircons from the Timber Creek kimberlites, Northern Territory, as determined by laser-ablation ICP-MS analysis. Australian Journal of Earth Sciences, 2001, 48, 757. | 1.0 | 108 |
| 129 | Finding of ancient materials in Cathaysia and implication for the formation of Precambrian crust. Science Bulletin, 2007, 52, 13-22. | 1.7 | 108 |
| 130 | The Pacific Gondwana margin in the late Neoproterozoicâ€“early Paleozoic: Detrital zircon Uâ€“Pb ages from metasediments in northwest Argentina reveal their maximum age, provenance and tectonic setting. Gondwana Research, 2011, 19, 71-83. | 6.0 | 108 |
| 131 | Southward trench migration at âˆ¼130â€“120 Ma caused accretion of the Neo-Tethyan forearc lithosphere in Tibetan ophiolites. Earth and Planetary Science Letters, 2016, 438, 57-65. | 4.4 | 108 |
| 132 | Trace elements in sulfide inclusions from Yakutian diamonds. Contributions To Mineralogy and Petrology, 1996, 124, 111-125. | 3.1 | 107 |
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| 134 | Enrichment of upper mantle peridotite: petrological, trace element and isotopic evidence in xenoliths from SE China. Chemical Geology, 2003, 198, 163-188. | 3.3 | 106 |
| 135 | Linking continental deep subduction with destruction of a cratonic margin: strongly reworked North China SCLM intruded in the Triassic Sulu UHP belt. Contributions To Mineralogy and Petrology, 2014, 168, 1. | 3.1 | 103 |
| 136 | Trace elements in garnets and chromites: Diamond formation in the Siberian lithosphere. Lithos, 1993, 29, 235-256. | 1.4 | 102 |
| 137 | Age, geochemistry and tectonic setting of the Neoproterozoic (ca 830Ma) gabbros on the southern margin of the North China Craton. Precambrian Research, 2011, 190, 35-47. | 2.7 | 102 |
| 138 | Continental crust beneath southeast Iceland. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1818-27. | 7.1 | 102 |
| 139 | Composition of trapped fluids in cuboid fibrous diamonds from the Udachnaya kimberlite: LAM-ICPMS analysis. Chemical Geology, 2007, 240, 151-162. | 3.3 | 101 |
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| 142 | LAM-ICPMS Uâ€“Pb dating of kimberlitic perovskite: Eoceneâ€“Oligocene kimberlites from the Kundelungu Plateau, D.R. Congo. Earth and Planetary Science Letters, 2008, 267, 609-619. | 4.4 | 99 |
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