William L. Griffin

List of Publications by Year
in descending order

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	Geochronology and geochemistry of exotic blocks of Cadomian crust from the salt diapirs of SE Zagros: the Chah-Banu example. International Geology Review, 2022, 64, 1409-1430.	2.1	8
2	Immiscible metallic melts in the upper mantle beneath Mount Carmel, Israel: Silicides, phosphides, and carbides. American Mineralogist, 2022, 107, 532-549.	1.9	10
3	Detrital zircon provenance of Permian to Triassic Gondwana sequences, Zealandia and eastern Australia. New Zealand Journal of Geology, and Geophysics, 2022, 65, 457-469.	1.8	5
4	Amphibolites from makran accretionary complex record Permian-Triassic Neo-Tethyan evolution. International Geology Review, 2022, 64, 1594-1610.	2.1	5
5	Zircons from the Wambidgee Serpentinite Belt, southern Lachlan Orogen: evidence for oceanic crust at the Cambrianâ€"Ordovician boundary. Australian Journal of Earth Sciences, 2022, 69, 406-418.	1.0	3
6	Structure and composition of the lithosphere beneath Mount Carmel, North Israel. Contributions To Mineralogy and Petrology, 2022, 177, 1.	3.1	6
7	Zn-, Mg- and O-isotope evidence for the origin of mantle eclogites from Roberts Victor kimberlite (Kaapvaal Craton, South Africa). Geology, 2022, 50, 593-597.	4.4	4
8	Perturbation of the deep-Earth carbon cycle in response to the Cambrian Explosion. Science Advances, 2022, 8, eabj1325.	10.3	14
9	Probing the Southern African Lithosphere With Magnetotellurics: 2. Linking Electrical Conductivity, Composition, and Tectonomagmatic Evolution. Journal of Geophysical Research: Solid Earth, 2022, 127, .	3.4	10
10	Thermochemical structure and evolution of cratonic lithosphere in central and southern Africa. Nature Geoscience, 2022, 15, 405-410.	12.9	12
11	Detrital zircons in Triassicâ€"Cretaceous sandstones, Clarence-Moreton Basin, eastern Australia: speculations upon Australia and Zealandia provenances. Australian Journal of Earth Sciences, 2022, 69, 909-928.	1.0	1
12	Where did the Kontum Massif in central Vietnam come from?. Precambrian Research, 2022, 377, 106725.	2.7	7
13	Apatite halogens and Sr-O and zircon Hf-O isotopes: Recycled volatiles in Jurassic porphyry ore systems in southern Tibet. Chemical Geology, 2022, 605, 120924.	3.3	40
14	In-situ mineralogical interpretation of the mantle geophysical signature of the Gangdese Cu-porphyry mineral system. Gondwana Research, 2022, 111, 53-63.	6.0	15
15	Detrital zircon age studies of Haast Schist in western Otago and Marlborough, New Zealand: constraints on their protolith age, terrane ancestry and Auâ€"W mineralisation. Australian Journal of Earth Sciences, 2021, 68, 381-396.	1.0	3
16	Pyroxenite Xenoliths Record Complex Melt Impregnation in the Deep Lithosphere of the Northwestern North China Craton. Journal of Petrology, 2021, 62, .	2.8	9
17	Siderophile and chalcophile elements in spinels, sulphides and native Ni in strongly metasomatised xenoliths from the Bultfontein kimberlite (South Africa). Lithos, 2021, 380-381, 105880.	1.4	10
18	Cenozoic lithospheric architecture and metallogenesis in Southeastern Tibet. Earth-Science Reviews, 2021, 214, 103472.	9.1	66

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19	Thermal architecture of cratonic India and implications for decratonization of the Western Dharwar Craton: Evidence from mantle xenoliths in the Deccan Traps. Lithos, 2021, 382-383, 105927.	1.4	5
20	Prolonged magmatism and growth of the Iran-Anatolia Cadomian continental arc segment in Northern Gondwana. Lithos, 2021, 384-385, 105940.	1.4	15
21	Ti3+ in corundum traces crystal growth in a highly reduced magma. Scientific Reports, 2021, 11, 2439.	3.3	10
22	Deep lithosphere of the North China Craton archives the fate of the Paleo-Asian Ocean. Earth-Science Reviews, 2021, 215, 103554.	9.1	10
23	Recycled volatiles determine fertility of porphyry deposits in collisional settings. American Mineralogist, 2021, 106, 656-661.	1.9	80
24	Immiscible-melt inclusions in corundum megacrysts: Microanalyses and geological implications. American Mineralogist, 2021, 106, 559-569.	1.9	3
25	Melting Dynamics of Late Cretaceous Lamprophyres in Central Asia Suggest a Mechanism to Explain Many Continental Intraplate Basaltic Suite Magmatic Provinces. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB021663.	3.4	7
26	Metamorphic history and Neoarcheanâ€"Paleoproterozoic crustal growth of the central Trans-North China Orogen: Evidence from granulite- to amphibolite-facies rocks of the Hengshan complex. Gondwana Research, 2021, 93, 162-183.	6.0	7
27	The microstructure of layered ultramafic cumulates: Case study of the Bear Creek intrusion, Trinity ophiolite, California, USA. Lithos, 2021, 388-389, 106047.	1.4	3
28	Characterization of the metasomatizing agent in the upper mantle beneath the northern Pannonian Basin based on Raman imaging, FIB-SEM, and LA-ICP-MS analyses of silicate melt inclusions in spinel peridotite. American Mineralogist, 2021, 106, 685-700.	1.9	2
29	Are Xenoliths From Southwestern Kaapvaal Craton Representative of the Broader Mantle? Constraints From Magnetotelluric Modeling. Geophysical Research Letters, 2021, 48, e2021GL092570.	4.0	12
30	Nitrogen under Super-Reducing Conditions: Ti Oxynitride Melts in Xenolithic Corundum Aggregates from Mt Carmel (N. Israel). Minerals (Basel, Switzerland), 2021, 11, 780.	2.0	4
31	Phanerozoic orogeny in the South China Block traced by clastic components from Cambrian to Triassic sedimentary rocks. Journal of Asian Earth Sciences, 2021, 216, 104827.	2.3	1
32	Collisionâ€related porphyry Cu deposits formed by input of ultrapotassic melts into the sulfideâ€rich lower crust. Terra Nova, 2021, 33, 582-589.	2.1	13
33	Cr2O3 in corundum: Ultrahigh contents under reducing conditions. American Mineralogist, 2021, 106, 1420-1437.	1.9	11
34	Decratonization and reactivation of the southern Indian shield: An integrated perspective. Earth-Science Reviews, 2021, 220, 103702.	9.1	7
35	Subduction initiation causes broad upper plate extension: The Late Cretaceous Iran example. Lithos, 2021, 398-399, 106296.	1.4	11
36	Linking ocean subduction with early Paleozoic intracontinental orogeny in South China: Insights from the Xiaying complex in eastern Guangxi Province. Lithos, 2021, 398-399, 106258.	1.4	4

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37	Melt Migration and Interaction in a Dunite Channel System within Oceanic Forearc Mantle: the Yushigou Harzburgiteâ€"Dunite Associations, North Qilian Ophiolite (NW China). Journal of Petrology, 2021, 62, .	2.8	10
38	Geochemical and isotopic evolution of Late Oligocene magmatism in Quchan, NE Iran. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009973.	2.5	3
39	Open System Re-Os Isotope Behavior in Platinum-Group Minerals during Laterization?. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Over	2.0	3
40	Light oxygen isotopes in mantle-derived magmas reflect assimilation of sub-continental lithospheric mantle material. Nature Communications, 2021, 12, 6295.	12.8	11
41	Depletion of the upper mantle by convergent tectonics in the Early Earth. Scientific Reports, 2021, 11, 21489.	3.3	5
42	Reworking of old continental lithosphere: Unradiogenic Os and decoupled Hf Nd isotopes in sub-arc mantle pyroxenites. Lithos, 2020, 354-355, 105346.	1.4	9
43	Repeated magmatic buildup and deep â€œhot zonesâ€• in continental evolution: The Cadomian crust of Iran. Earth and Planetary Science Letters, 2020, 531, 115989.	4.4	32
44	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 and Planetary Science Letters, 2020, 531, 115969.	4.4	19
45	Building cratonic keels in Precambrian plate tectonics. Nature, 2020, 586, 395-401.	27.8	43
46	Metasomatic control of hydrogen contents in the layered cratonic mantle lithosphere sampled by Lac de Gras xenoliths in the central Slave craton, Canada. Geochimica Et Cosmochimica Acta, 2020, 286, 29-53.	3.9	13
47	Zircon U-Pb, geochemical and isotopic constraints on the age and origin of A- and I-type granites and gabbro-diorites from NW Iran. Lithos, 2020, 374-375, 105688.	1.4	3
48	Early Paleozoic magmatism in northern Kontum Massif, Central Vietnam: Insights into tectonic evolution of the eastern Indochina Block. Lithos, 2020, 376-377, 105750.	1.4	17
49	Re-Os Isotope Systematics of Sulfides in Chromitites and Host Lherzolites of the Andaman Ophiolite, India. Minerals (Basel, Switzerland), 2020, 10, 686.	2.0	6
50	Diamond-forming HDFs tracking episodic mantle metasomatism beneath Nyurbinskaya kimberlite pipe (Siberian craton). Contributions To Mineralogy and Petrology, 2020, 175, 1.	3.1	9
51	Kishonite, VH2, and Oreillyite, Cr2N, Two New Minerals from the Corundum Xenocrysts of Mt Carmel, Northern Israel. Minerals (Basel, Switzerland), 2020, 10, 1118.	2.0	13
52	Parageneses of TiB2 in corundum xenoliths from Mt. Carmel, Israel: Siderophile behavior of boron under reducing conditions. American Mineralogist, 2020, 105, 1609-1621.	1.9	15
53	The Paleogene ophiolite conundrum of the Iranâ€"Iraq border region. Journal of the Geological Society, 2020, 177, 955-964.	2.1	9
54	Cadomian Magmatic Rocks from Zarand (SE Iran) Formed in a Retro-Arc Basin. Lithos, 2020, 366-367, 105569.	1.4	16

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55	Lithospheric memory of subduction in mantle pyroxenite xenoliths from rift-related basalts. Earth and Planetary Science Letters, 2020, 544, 116365.	4.4	12
56	Oceanization of the subcontinental lithospheric mantle recorded in the Yunzhug ophiolite, Central Tibetan Plateau. Lithos, 2020, 370-371, 105612.	1.4	6
57	New constraints on the source, composition, and post-emplacement modification of kimberlites from in situ Câ€"Oâ€"Sr-isotope analyses of carbonates from the Benfontein sills (South Africa). Contributions To Mineralogy and Petrology, 2020, 175, 1.	3.1	11
58	Oxygen-Hafnium-Neodymium Isotope Constraints on the Origin of the Talnakh Ultramafic-Mafic Intrusion (Norilsk Province, Russia). Economic Geology, 2020, 115, 1195-1212.	3.8	5
59	Hidden Eoarchean crust in the southwestern Central Asian Orogenic Belt. Lithos, 2020, 360-361, 105437.	1.4	9
60	Reconstructing the Source and Growth of the Makran Accretionary Complex: Constraints From Detrital Zircon Uâ€Pb Geochronology. Tectonics, 2020, 39, e2019TC005963.	2.8	15
61	Extreme reduction: Mantle-derived oxide xenoliths from a hydrogen-rich environment. Lithos, 2020, 358-359, 105404.	1.4	17
62	Kimberlite genesis from a common carbonate-rich primary melt modified by lithospheric mantle assimilation. Science Advances, 2020, 6, eaaz0424.	10.3	72
63	Immiscible metallic melts in the deep Earth: clues from moissanite (SiC) in volcanic rocks. Science Bulletin, 2020, 65, 1479-1488.	9.0	13
64	Chromium in Corundum: Ultra-high Contents Under Reducing Conditions. Microscopy and Microanalysis, 2019, 25, 2484-2485.	0.4	0
65	Reply to comment by Qi and Wang on â€œSimilar crust beneath disrupted and intact cratons: Arguments against lower-crust delamination as a decratonization triggerâ€• Tectonophysics, 2019, 767, 128156.	2.2	0
66	Late Paleocene adakitic granitoid from NW Iran and comparison with adakites in the NE Turkey: Adakitic melt generation in normal continental crust. Lithos, 2019, 346-347, 105151.	1.4	17
67	Pre-Mesozoic Crimea as a continuation of the Dobrogea platform: insights from detrital zircons in Upper Jurassic conglomerates, Mountainous Crimea. International Journal of Earth Sciences, 2019, 108, 2407-2428.	1.8	15
68	A Showcase of Analytical Techniques: Native V in Hibonite. Microscopy and Microanalysis, 2019, 25, 2486-2487.	0.4	0
69	Late Cretaceous subduction-related magmatism on the southern edge of Sabzevar basin, NE Iran. Journal of the Geological Society, 2019, 176, 530-552.	2.1	23
70	Across-arc geochemical variations in the Paleogene magmatic belt of Iran. Lithos, 2019, 344-345, 280-296.	1.4	26
71	Discussion of â€œEnigmatic super-reduced phases in corundum from natural rocks: Possible contamination from artificial abrasive materials or metallurgical slagsâ€•by Litasov etÂal. (Lithos,) Tj ETQq1 1 0.784314 rgBT /Overloc	1.4	10
72	Lateral and Vertical Heterogeneity in the Lithospheric Mantle at the Northern Margin of the Pannonian Basin Reconstructed From Peridotite Xenolith Microstructures. Journal of Geophysical Research: Solid Earth, 2019, 124, 6315-6336.	3.4	12

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73	Lithospheric mapping: a pathfinder for hidden terrane and ore systems in southren Lhasa block. Acta Geologica Sinica, 2019, 93, 204-204.	1.4	0
74	Making and unmaking continental mantle: Geochemical and geophysical perspectives. Acta Geologica Sinica, 2019, 93, 249-250.	1.4	1
75	Langshan basalts record recycled Paleo-Asian oceanic materials beneath the northwest North China Craton. Chemical Geology, 2019, 524, 88-103.	3.3	21
76	A terrestrial magmatic hibonite-grossite-vanadium assemblage: Desilication and extreme reduction in a volcanic plumbing system, Mount Carmel, Israel. American Mineralogist, 2019, 104, 207-219.	1.9	32
77	Emplacement age of the Tshibwe kimberlite, Democratic Republic of Congo, by in-situ LAM-ICPMS U/Pb dating of groundmass perovskite. Journal of African Earth Sciences, 2019, 157, 103502.	2.0	0
78	Chapter 14â€ƒCrossing Cook Strait: terranes of the Marlborough Schist, Kapiti Island and Wellington. Geological Society Memoir, 2019, 49, 323-330.	1.7	5
79	Cu isotopes reveal initial Cu enrichment in sources of giant porphyry deposits in a collisional setting. Geology, 2019, 47, 135-138.	4.4	65
80	Discovery of the first natural hydride. American Mineralogist, 2019, 104, 611-614.	1.9	14
81	Mud Tank Zircon: Longâ€Term Evaluation of a Reference Material for Uâ€Pb Dating, Hfâ€Isotope Analysis and Trace Element Analysis. Geostandards and Geoanalytical Research, 2019, 43, 339-354.	3.1	46
82	Petrography and perovskite U-Pb age of the Katuba kimberlite, Kundelungu Plateau (D.R. Congo): Implications for regional tectonism and mineralisation. Journal of African Earth Sciences, 2019, 156, 35-43.	2.0	1
83	Dellagiustaite: A Novel Natural Spinel Containing V2+. Minerals (Basel, Switzerland), 2019, 9, 4.	2.0	13
84	Mantle-like oxygen isotopes in kimberlites determined by in situ SIMS analyses of zoned olivine. Geochimica Et Cosmochimica Acta, 2019, 266, 274-291.	3.9	17
85	Extremely low structural hydroxyl contents in upper mantle xenoliths from the NÃ³grÃ¡d-GÃ¶mÃ¶r Volcanic Field (northern Pannonian Basin): Geodynamic implications and the role of post-eruptive re-equilibration. Chemical Geology, 2019, 507, 23-41.	3.3	20
86	Similar crust beneath disrupted and intact cratons: Arguments against lower-crust delamination as a decratonization trigger. Tectonophysics, 2019, 750, 1-8.	2.2	14
87	A reappraisal of the metamorphic history of the Tehuitzingo chromitite, Puebla state, Mexico. International Geology Review, 2019, 61, 1706-1727.	2.1	15
88	Downward rejuvenation of the continental lower crust beneath the southeastern North China Craton. Tectonophysics, 2019, 750, 213-228.	2.2	9
89	Neoproterozoic sedimentary rocks track the location of the Lhasa Block during the Rodinia breakup. Precambrian Research, 2019, 320, 63-77.	2.7	33
90	The Earliest Subcontinental Lithospheric Mantle. , 2019, , 81-102.		6

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91	Inclusions of crichtonite-group minerals in Cr-pyropes from the Internatsionalnaya kimberlite pipe, Siberian Craton: Crystal chemistry, parageneses and relationships to mantle metasomatism. Lithos, 2018, 308-309, 181-195.	1.4	16
92	Insights into the mantle geochemistry of scandium from a meta-analysis of garnet data. Lithos, 2018, 310-311, 409-421.	1.4	16
93	Identification of Eocene-Oligocene magmatic pulses associated with flare-up in east Iran: Timing and sources. Gondwana Research, 2018, 57, 141-156.	6.0	21
94	The Paleoproterozoic Vishnu basin in southwestern Laurentia: Implications for supercontinent reconstructions, crustal growth, and the origin of the Mojave crustal province. Precambrian Research, 2018, 308, 1-17.	2.7	25
95	Component variation in the late Neoproterozoic to Cambrian sedimentary rocks of SW China â€“ NE Vietnam, and its tectonic significance. Precambrian Research, 2018, 308, 92-110.	2.7	25
96	Cold plumes trigger contamination of oceanic mantle wedges with continental crust-derived sediments: Evidence from chromitite zircon grains of eastern Cuban ophiolites. Geoscience Frontiers, 2018, 9, 1921-1936.	8.4	23
97	Three types of element fluxes from metabasite into peridotite in analogue experiments: Insights into subduction-zone processes. Lithos, 2018, 302-303, 203-223.	1.4	11
98	Multi-stage modification of Paleoarchean crust beneath the Anabar tectonic province (Siberian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	2.7	24
99	Basement components of the Xiangshan-Yuhuashan area, South China: Defining the boundary between the Yangtze and Cathaysia blocks. Precambrian Research, 2018, 309, 102-122.	2.7	28
100	Constraints from zircon Hf-O-Li isotopic compositions on the genesis of slightly low-Î´18O alkaline granites in the Taohuadao area, Zhejiang Province, SE China. Journal of Asian Earth Sciences, 2018, 167, 197-208.	2.3	11
101	Hadean continental crust in the southern North China Craton: Evidence from the Xinyang felsic granulite xenoliths. Precambrian Research, 2018, 307, 155-174.	2.7	10
102	Global- to Deposit-Scale Controls on Orthomagmatic Ni-Cu(-PGE) and PGE Reef Ore Formation. , 2018, , 1-46.		7
103	New Insights on the Origin of Ultramafic-Mafic Intrusions and Associated Ni-Cu-PGE Sulfide Deposits of the Norilâ€™sk and Taimyr Provinces, Russia. , 2018, , 197-238.		8
104	Timing the tectonic mingling of ultramafic rocks and metasediments in the southern section of the coastal accretionary complex of central Chile. International Geology Review, 2018, 60, 2031-2045.	2.1	8
105	Titanates of the lindsleyiteâ€“mathiasite (LIMA) group reveal isotope disequilibrium associated with metasomatism in the mantle beneath Kimberley (South Africa). Earth and Planetary Science Letters, 2018, 482, 253-264.	4.4	11
106	Carmeltazite, ZrAl2Ti4O11, a New Mineral Trapped in Corundum from Volcanic Rocks of Mt Carmel, Northern Israel. Minerals (Basel, Switzerland), 2018, 8, 601.	2.0	25
107	Gold in the mantle: A global assessment of abundance and redistribution processes. Lithos, 2018, 322, 376-391.	1.4	41
108	Mechanical Mixing of Garnet Peridotite and Pyroxenite in the Orogenic Peridotite Lenses of the Tvaerdal Complex, Liverpool Land, Greenland Caledonides. Journal of Petrology, 2018, 59, 2191-2220.	2.8	4

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109	Eclogites in peridotite massifs in the Western Gneiss Region, Scandinavian Caledonides: Petrogenesis and comparison with those in the Variscan Moldanubian Zone. Lithos, 2018, 322, 325-346.	1.4	12
110	Diamond formation during metasomatism of mantle eclogite by chloride-carbonate melt. Contributions To Mineralogy and Petrology, 2018, 173, 1.	3.1	31
111	Tectonic Switching of Southeast China in the Late Paleozoic. Journal of Geophysical Research: Solid Earth, 2018, 123, 8508-8526.	3.4	21
112	<scp>GZ</scp>7 and <scp>GZ</scp>8 â€“ Two Zircon Reference Materials for <scp>SIMS</scp> Uâ€Pb Geochronology. Geostandards and Geoanalytical Research, 2018, 42, 431-457.	3.1	32
113	Spongy texture in mantle clinopyroxene recordsdecompression-induced melting. Lithos, 2018, 320-321, 144-154.	1.4	18
114	Tracking Deep Lithospheric Events with Garnet-Websterite Xenoliths from Southeastern Australia. Journal of Petrology, 2018, 59, 901-930.	2.8	16
115	Super-reducing conditions in ancient and modern volcanic systems: sources and behaviour of carbon-rich fluids in the lithospheric mantle. Mineralogy and Petrology, 2018, 112, 101-114.	1.1	45
116	Synthesis of inverse ringwoodite sheds light on the subduction history of Tibetan ophiolites. Scientific Reports, 2018, 8, 5457.	3.3	20
117	Provenance of Jurassic sandstones in the Rakaia Terrane, Canterbury, New Zealand. New Zealand Journal of Geology, and Geophysics, 2018, 61, 136-144.	1.8	1
118	Characterisation of primary and secondary carbonates in hypabyssal kimberlites: an integrated compositional and Sr-isotopic approach. Mineralogy and Petrology, 2018, 112, 555-567.	1.1	17
119	Subduction-related middle Permian to early Triassic magmatism in central Hainan Island, South China. Lithos, 2018, 318-319, 158-175.	1.4	30
120	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. Precambrian Research, 2018, 316, 174-196.	2.7	18
121	Permian to quaternary magmatism beneath the Mt Carmel area, Israel: Zircons from volcanic rocks and associated alluvial deposits. Lithos, 2018, 314-315, 307-322.	1.4	17
122	Deposits associated with ultramaficâ€“mafic complexes in Mexico: the Loma Baya case. Ore Geology Reviews, 2017, 81, 1053-1065.	2.7	5
123	Early Mesozoic deep-crust reworking beneath the central Lhasa terrane (South Tibet): Evidence from intermediate gneiss xenoliths in granites. Lithos, 2017, 274-275, 225-239.	1.4	7
124	High-pressure experiments provide insights into the Mantle Transition Zone history of chromitite in Tibetan ophiolites. Earth and Planetary Science Letters, 2017, 463, 151-158.	4.4	32
125	Zircon recycling and crystallization during formation of chromite- and Ni-arsenide ores in the subcontinental lithospheric mantle (SerranÃa de Ronda, Spain). Ore Geology Reviews, 2017, 90, 193-209.	2.7	26
126	East Antarctic sources of extensive Lowerâ€“Middle Ordovician turbidites in the Lachlan Orogen, southern Tasmanides, eastern Australia. Australian Journal of Earth Sciences, 2017, 64, 143-224.	1.0	26

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127	Perspectives on Cretaceous Gondwana break-up from detrital zircon provenance of southern Zealandia sandstones. Geological Magazine, 2017, 154, 661-682.	1.5	25
128	High- and low-Cr chromitite and dunite in a Tibetan ophiolite: evolution from mature subduction system to incipient forearc in the Neo-Tethyan Ocean. Contributions To Mineralogy and Petrology, 2017, 172, 1.	3.1	44
129	Deformation of mantle pyroxenites provides clues to geodynamic processes in subduction zones: Case study of the Cabo Ortegal Complex, Spain. Earth and Planetary Science Letters, 2017, 472, 174-185.	4.4	24
130	Super-reduced mineral assemblages in "ophiolitic" chromitites and peridotites: the view from Mount Carmel. European Journal of Mineralogy, 2017, 29, 557-570.	1.3	45
131	Phanerozoic magma underplating and crustal growth beneath the North China Craton. Terra Nova, 2017, 29, 211-217.	2.1	11
132	Twoâ€layered oceanic lithospheric mantle in a <scp>T</scp>ibetan ophiolite produced by episodic subduction of <scp>T</scp>ethyan slabs. Geochemistry, Geophysics, Geosystems, 2017, 18, 1189-1213.	2.5	35
133	Isotopic composition of Mg and Fe in garnet peridotites from the Kaapvaal and Siberian cratons. Geochimica Et Cosmochimica Acta, 2017, 200, 167-185.	3.9	57
134	Generation of continental adakitic rocks: Crystallization modeling with variable bulk partition coefficients. Lithos, 2017, 272-273, 222-231.	1.4	24
135	Subduction, highâ€P metamorphism, and collision fingerprints in South Iran: Constraints from zircon Uâ€Pb and mica Rbâ€Sr geochronology. Geochemistry, Geophysics, Geosystems, 2017, 18, 306-332.	2.5	33
136	The recycling of chromitites in ophiolites from southwestern North America. Lithos, 2017, 294-295, 53-72.	1.4	28
137	Use and misuse of Mg- and Mn-rich ilmenite in diamond exploration: A petrographic and trace element approach. Lithos, 2017, 292-293, 348-363.	1.4	18
138	Plume-subduction interaction forms large auriferous provinces. Nature Communications, 2017, 8, 843.	12.8	69
139	An Australian provenance for the eastern Otago Schist protolith, South Island, New Zealand: evidence from detrital zircon age patterns and implications for the origin of its gold. Australian Journal of Earth Sciences, 2017, 64, 703-721.	1.0	14
140	Electrical structures in the northwest margin of the Junggar basin: Implications for its late Paleozoic geodynamics. Tectonophysics, 2017, 717, 473-483.	2.2	14
141	Geochronology and geochemistry of deep-seated crustal xenoliths in the northern North China Craton: Implications for the evolution and structure of the lower crust. Lithos, 2017, 292-293, 1-14.	1.4	10
142	Multiple Metasomatism beneath the NÃ³grÃ¡dâ€“GÃ¶mÃ¶r Volcanic Field (Northern Pannonian Basin) Revealed by Upper Mantle Peridotite Xenoliths. Journal of Petrology, 2017, 58, 1107-1144.	2.8	23
143	Sources and timing of pyroxenite formation in the sub-arc mantle: Case study of the Cabo Ortegal Complex, Spain. Earth and Planetary Science Letters, 2017, 474, 490-502.	4.4	25
144	Sources of the Nanwenhe - Song Chay granitic complex (SW China - NE Vietnam) and its tectonic significance. Lithos, 2017, 290-291, 76-93.	1.4	20

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145	Neoproterozoic magmatic flare-up along the N. margin of Gondwana: The Taknar complex, NE Iran. Earth and Planetary Science Letters, 2017, 474, 83-96.	4.4	77
146	Laurite and zircon from the Finero chromitites (Italy): New insights into evolution of the subcontinental mantle. Ore Geology Reviews, 2017, 90, 210-225.	2.7	17
147	Ultrapotassic rocks and xenoliths from South Tibet: Contrasting styles of interaction between lithospheric mantle and asthenosphere during continental collision. Geology, 2017, 45, 51-54.	4.4	98
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