

William L. Griffin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

647
papers

52,309
citations

106
h-index

208
g-index

684
ext. papers

57,246
ext. citations

3.8
avg, IF

7.61
L-index

#	Paper	IF	Citations
647	Structure and composition of the lithosphere beneath Mount Carmel, North Israel. <i>Contributions To Mineralogy and Petrology</i> , 2022 , 177, 1	3.5	1
646	Perturbation of the deep-Earth carbon cycle in response to the Cambrian Explosion.. <i>Science Advances</i> , 2022 , 8, eabj1325	14.3	0
645	Where did the Kontum Massif in central Vietnam come from?. <i>Precambrian Research</i> , 2022 , 377, 106725	3.9	0
644	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 , 120924	4.2	3
643	Light oxygen isotopes in mantle-derived magmas reflect assimilation of sub-continental lithospheric mantle material. <i>Nature Communications</i> , 2021 , 12, 6295	17.4	0
642	Depletion of the upper mantle by convergent tectonics in the Early Earth. <i>Scientific Reports</i> , 2021 , 11, 21489	4.9	1
641	Geochemical and Isotopic Evolution of Late Oligocene Magmatism in Quchan, NE Iran. <i>Geochemistry, Geophysics, Geosystems</i> , 2021 , 22, e2021GC009973	3.6	1
640	Open System Re-Os Isotope Behavior in Platinum-Group Minerals during Laterization?. <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 1083	2.4	1
639	Deep lithosphere of the North China Craton archives the fate of the Paleo-Asian Ocean. <i>Earth-Science Reviews</i> , 2021 , 215, 103554	10.2	4
638	Recycled volatiles determine fertility of porphyry deposits in collisional settings. <i>American Mineralogist</i> , 2021 , 106, 656-661	2.9	24
637	Immiscible-melt inclusions in corundum megacrysts: Microanalyses and geological implications. <i>American Mineralogist</i> , 2021 , 106, 559-569	2.9	0
636	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	3.6	0
635	Metamorphic history and Neoproterozoic crustal growth of the central Trans-North China Orogen: Evidence from granulite- to amphibolite-facies rocks of the Hengshan complex. <i>Gondwana Research</i> , 2021 , 93, 162-183	5.1	2
634	The microstructure of layered ultramafic cumulates: Case study of the Bear Creek intrusion, Trinity ophiolite, California, USA. <i>Lithos</i> , 2021 , 388-389, 106047	2.9	
633	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. <i>American Mineralogist</i> , 2021 , 106, 685-700	2.9	1
632	Are Xenoliths From Southwestern Kaapvaal Craton Representative of the Broader Mantle? Constraints From Magnetotelluric Modeling. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL092570	4.9	2
631	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	2.4	2

630	Detrital zircon age studies of Haast Schist in western Otago and Marlborough, New Zealand: constraints on their protolith age, terrane ancestry and Au/W mineralisation. <i>Australian Journal of Earth Sciences</i> , 2021 , 68, 381-396	1.4	2
629	Pyroxenite Xenoliths Record Complex Melt Impregnation in the Deep Lithosphere of the Northwestern North China Craton. <i>Journal of Petrology</i> , 2021 , 62,	3.9	3
628	Siderophile and chalcophile elements in spinels, sulphides and native Ni in strongly metasomatised xenoliths from the Bultfontein kimberlite (South Africa). <i>Lithos</i> , 2021 , 380-381, 105880	2.9	6
627	Cenozoic lithospheric architecture and metallogensis in Southeastern Tibet. <i>Earth-Science Reviews</i> , 2021 , 214, 103472	10.2	17
626	Thermal architecture of cratonic India and implications for decratonization of the Western Dharwar Craton: Evidence from mantle xenoliths in the Deccan Traps. <i>Lithos</i> , 2021 , 382-383, 105927	2.9	2
625	Prolonged magmatism and growth of the Iran-Anatolia Cadomian continental arc segment in Northern Gondwana. <i>Lithos</i> , 2021 , 384-385, 105940	2.9	9
624	Ti in corundum traces crystal growth in a highly reduced magma. <i>Scientific Reports</i> , 2021 , 11, 2439	4.9	2
623	Phanerozoic orogeny in the South China Block traced by clastic components from Cambrian to Triassic sedimentary rocks. <i>Journal of Asian Earth Sciences</i> , 2021 , 216, 104827	2.8	
622	Cr ₂ O ₃ in corundum: Ultrahigh contents under reducing conditions. <i>American Mineralogist</i> , 2021 , 106, 1420-1437	2.9	3
621	Decratonization and reactivation of the southern Indian shield: An integrated perspective. <i>Earth-Science Reviews</i> , 2021 , 220, 103702	10.2	2
620	Subduction initiation causes broad upper plate extension: The Late Cretaceous Iran example. <i>Lithos</i> , 2021 , 398-399, 106296	2.9	4
619	Linking ocean subduction with early Paleozoic intracontinental orogeny in South China: Insights from the Xiaying complex in eastern Guangxi Province. <i>Lithos</i> , 2021 , 398-399, 106258	2.9	3
618	Melt Migration and Interaction in a Dunite Channel System within Oceanic Forearc Mantle: the Yushigou Harzburgite-Dunite Associations, North Qilian Ophiolite (NW China). <i>Journal of Petrology</i> , 2021 , 62,	3.9	5
617	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	2.9	8
616	The Paleogene ophiolite conundrum of the Iran-Iraq border region. <i>Journal of the Geological Society</i> , 2020 , 177, 955-964	2.7	5
615	Cadomian Magmatic Rocks from Zarand (SE Iran) Formed in a Retro-Arc Basin. <i>Lithos</i> , 2020 , 366-367, 105569	2.9	6
614	Lithospheric memory of subduction in mantle pyroxenite xenoliths from rift-related basalts. <i>Earth and Planetary Science Letters</i> , 2020 , 544, 116365	5.3	9
613	Oceanization of the subcontinental lithospheric mantle recorded in the Yunzhug ophiolite, Central Tibetan Plateau. <i>Lithos</i> , 2020 , 370-371, 105612	2.9	5

612	New constraints on the source, composition, and post-emplacement modification of kimberlites from in situ CDBr-isotope analyses of carbonates from the Benfontein sills (South Africa). <i>Contributions To Mineralogy and Petrology</i> , 2020 , 175, 1	3.5	7
611	Oxygen-Hafnium-Neodymium Isotope Constraints on the Origin of the Talnakh Ultramafic-Mafic Intrusion (Norilsk Province, Russia). <i>Economic Geology</i> , 2020 , 115, 1195-1212	4.3	4
610	Hidden Eoarchean crust in the southwestern Central Asian Orogenic Belt. <i>Lithos</i> , 2020 , 360-361, 105437	2.9	5
609	Reconstructing the Source and Growth of the Makran Accretionary Complex: Constraints From Detrital Zircon U-Pb Geochronology. <i>Tectonics</i> , 2020 , 39, e2019TC005963	4.3	8
608	Extreme reduction: Mantle-derived oxide xenoliths from a hydrogen-rich environment. <i>Lithos</i> , 2020 , 358-359, 105404	2.9	13
607	Kimberlite genesis from a common carbonate-rich primary melt modified by lithospheric mantle assimilation. <i>Science Advances</i> , 2020 , 6, eaaz0424	14.3	37
606	Immiscible metallic melts in the deep Earth: clues from moissanite (SiC) in volcanic rocks. <i>Science Bulletin</i> , 2020 , 65, 1479-1488	10.6	6
605	Reworking of old continental lithosphere: Unradiogenic Os and decoupled Hf Nd isotopes in sub-arc mantle pyroxenites. <i>Lithos</i> , 2020 , 354-355, 105346	2.9	7
604	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	5.3	19
603	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	5.3	14
602	Building cratonic keels in Precambrian plate tectonics. <i>Nature</i> , 2020 , 586, 395-401	50.4	21
601	Geochronology and geochemistry of exotic blocks of Cadomian crust from the salt diapirs of SE Zagros: the Chah-Banu example. <i>International Geology Review</i> , 2020 , 1-22	2.3	7
600	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	5.5	6
599	Zircon U-Pb, geochemical and isotopic constraints on the age and origin of A- and I-type granites and gabbro-diorites from NW Iran. <i>Lithos</i> , 2020 , 374-375, 105688	2.9	1
598	Early Paleozoic magmatism in northern Kontum Massif, Central Vietnam: Insights into tectonic evolution of the eastern Indochina Block. <i>Lithos</i> , 2020 , 376-377, 105750	2.9	7
597	Re-Os Isotope Systematics of Sulfides in Chromitites and Host Lherzolites of the Andaman Ophiolite, India. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 686	2.4	4
596	Diamond-forming HDFs tracking episodic mantle metasomatism beneath Nyurbinskaya kimberlite pipe (Siberian craton). <i>Contributions To Mineralogy and Petrology</i> , 2020 , 175, 1	3.5	3
595	Kishonite, VH ₂ , and Oreillyite, Cr ₂ N, Two New Minerals from the Corundum Xenocrysts of Mt Carmel, Northern Israel. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 1118	2.4	5

594	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	2.2	10
593	A Showcase of Analytical Techniques: Native V in Hibonite. <i>Microscopy and Microanalysis</i> , 2019 , 25, 2486-2487	2.2	10
592	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	2.7	18
591	Across-arc geochemical variations in the Paleogene magmatic belt of Iran. <i>Lithos</i> , 2019 , 344-345, 280-296	2.9	15
590	Discussion of Enigmatic super-reduced phases in corundum from natural rocks: Possible contamination from artificial abrasive materials or metallurgical slags by Litasov et al. (Lithos, 340-341, p.181-190). <i>Lithos</i> , 2019 , 348-349, 105122	2.9	8
589	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	3.6	10
588	Lithospheric mapping: a pathfinder for hidden terrane and ore systems in southern Lhasa block. <i>Acta Geologica Sinica</i> , 2019 , 93, 204-204	0.7	1
587	Making and unmaking continental mantle: Geochemical and geophysical perspectives. <i>Acta Geologica Sinica</i> , 2019 , 93, 249-250	0.7	1
586	Langshan basalts record recycled Paleo-Asian oceanic materials beneath the northwest North China Craton. <i>Chemical Geology</i> , 2019 , 524, 88-103	4.2	15
585	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	2.9	20
584	Emplacement age of the Tshibwe kimberlite, Democratic Republic of Congo, by in-situ LAM-ICPMS U/Pb dating of groundmass perovskite. <i>Journal of African Earth Sciences</i> , 2019 , 157, 103502	2.2	10
583	Chapter 14 Crossing Cook Strait: terranes of the Marlborough Schist, Kapiti Island and Wellington. <i>Geological Society Memoir</i> , 2019 , 49, 323-330	0.4	4
582	Cu isotopes reveal initial Cu enrichment in sources of giant porphyry deposits in a collisional setting. <i>Geology</i> , 2019 , 47, 135-138	5	39
581	Discovery of the first natural hydride. <i>American Mineralogist</i> , 2019 , 104, 611-614	2.9	10
580	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	3.6	18
579	Petrography and perovskite U-Pb age of the Katuba kimberlite, Kundelungu Plateau (D.R. Congo): Implications for regional tectonism and mineralisation. <i>Journal of African Earth Sciences</i> , 2019 , 156, 35-43	2.2	1
578	Dellagiustaite: A Novel Natural Spinel Containing V ²⁺ . <i>Minerals (Basel, Switzerland)</i> , 2019 , 9, 4	2.4	9
577	Mantle-like oxygen isotopes in kimberlites determined by in situ SIMS analyses of zoned olivine. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 266, 274-291	5.5	13

576	Chromium in Corundum: Ultra-high Contents Under Reducing Conditions. <i>Microscopy and Microanalysis</i> , 2019 , 25, 2484-2485	0.5	
575	Reply to comment by Qi and Wang on Similar crust beneath disrupted and intact cratons: Arguments against lower-crust delamination as a decratonization trigger. <i>Tectonophysics</i> , 2019 , 767, 128156	3.1	
574	Late Paleocene adakitic granitoid from NW Iran and comparison with adakites in the NE Turkey: Adakitic melt generation in normal continental crust. <i>Lithos</i> , 2019 , 346-347, 105151	2.9	11
573	Extremely low structural hydroxyl contents in upper mantle xenoliths from the Nǎrǎ-Gǎnǎ Volcanic Field (northern Pannonian Basin): Geodynamic implications and the role of post-eruptive re-equilibration. <i>Chemical Geology</i> , 2019 , 507, 23-41	4.2	14
572	Similar crust beneath disrupted and intact cratons: Arguments against lower-crust delamination as a decratonization trigger. <i>Tectonophysics</i> , 2019 , 750, 1-8	3.1	11
571	A reappraisal of the metamorphic history of the Tehuitzingo chromitite, Puebla state, Mexico. <i>International Geology Review</i> , 2019 , 61, 1706-1727	2.3	9
570	Downward rejuvenation of the continental lower crust beneath the southeastern North China Craton. <i>Tectonophysics</i> , 2019 , 750, 213-228	3.1	3
569	Neoproterozoic sedimentary rocks track the location of the Lhasa Block during the Rodinia breakup. <i>Precambrian Research</i> , 2019 , 320, 63-77	3.9	19
568	The Earliest Subcontinental Lithospheric Mantle 2019 , 81-102		4
567	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	2.9	14
566	Insights into the mantle geochemistry of scandium from a meta-analysis of garnet data. <i>Lithos</i> , 2018 , 310-311, 409-421	2.9	8
565	Identification of Eocene-Oligocene magmatic pulses associated with flare-up in east Iran: Timing and sources. <i>Gondwana Research</i> , 2018 , 57, 141-156	5.1	17
564	The Paleoproterozoic Vishnu basin in southwestern Laurentia: Implications for supercontinent reconstructions, crustal growth, and the origin of the Mojave crustal province. <i>Precambrian Research</i> , 2018 , 308, 1-17	3.9	16
563	Component variation in the late Neoproterozoic to Cambrian sedimentary rocks of SW China [NE Vietnam, and its tectonic significance. <i>Precambrian Research</i> , 2018 , 308, 92-110	3.9	19
562	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	6	19
561	Three types of element fluxes from metabasite into peridotite in analogue experiments: Insights into subduction-zone processes. <i>Lithos</i> , 2018 , 302-303, 203-223	2.9	9
560	Multi-stage modification of Paleoproterozoic crust beneath the Anabar tectonic province (Siberian craton). <i>Precambrian Research</i> , 2018 , 305, 125-144	3.9	18
559	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	3.9	18

558	Constraints from zircon Hf-O-Li isotopic compositions on the genesis of slightly low- $\delta^{18}\text{O}$ alkaline granites in the Taohuaduo area, Zhejiang Province, SE China. <i>Journal of Asian Earth Sciences</i> , 2018 , 167, 197-208	2.8	4
557	Hadean continental crust in the southern North China Craton: Evidence from the Xinyang felsic granulite xenoliths. <i>Precambrian Research</i> , 2018 , 307, 155-174	3.9	7
556	Global- to Deposit-Scale Controls on Orthomagmatic Ni-Cu(-PGE) and PGE Reef Ore Formation 2018 , 1-46		5
555	New Insights on the Origin of Ultramafic-Mafic Intrusions and Associated Ni-Cu-PGE Sulfide Deposits of the Norilsk and Taimyr Provinces, Russia: Evidence From Radiogenic- and Stable-Isotope Data 2018 , 197-238		7
554	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	1.6	36
553	Synthesis of inverse ringwoodite sheds light on the subduction history of Tibetan ophiolites. <i>Scientific Reports</i> , 2018 , 8, 5457	4.9	17
552	Provenance of Jurassic sandstones in the Rakaia Terrane, Canterbury, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2018 , 61, 136-144	1.6	
551	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	1.6	14
550	Subduction-related middle Permian to early Triassic magmatism in central Hainan Island, South China. <i>Lithos</i> , 2018 , 318-319, 158-175	2.9	17
549	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	3.9	14
548	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	2.9	13
547	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	2.3	4
546	Titanates of the lindsleyite-thathiasite (LIMA) group reveal isotope disequilibrium associated with metasomatism in the mantle beneath Kimberley (South Africa). <i>Earth and Planetary Science Letters</i> , 2018 , 482, 253-264	5.3	9
545	Carmeltazite, $\text{ZrAl}_2\text{Ti}_4\text{O}_{11}$, a New Mineral Trapped in Corundum from Volcanic Rocks of Mt Carmel, Northern Israel. <i>Minerals (Basel, Switzerland)</i> , 2018 , 8, 601	2.4	17
544	Gold in the mantle: A global assessment of abundance and redistribution processes. <i>Lithos</i> , 2018 , 322, 376-391	2.9	27
543	Mechanical Mixing of Garnet Peridotite and Pyroxenite in the Orogenic Peridotite Lenses of the Tvaerdal Complex, Liverpool Land, Greenland Caledonides. <i>Journal of Petrology</i> , 2018 , 59, 2191-2220	3.9	3
542	Eclogites in peridotite massifs in the Western Gneiss Region, Scandinavian Caledonides: Petrogenesis and comparison with those in the Variscan Moldanubian Zone. <i>Lithos</i> , 2018 , 322, 325-346	2.9	8
541	Diamond formation during metasomatism of mantle eclogite by chloride-carbonate melt. <i>Contributions To Mineralogy and Petrology</i> , 2018 , 173, 1	3.5	21

540	Tectonic Switching of Southeast China in the Late Paleozoic. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 8508-8526	3.6	10
539	GZ7 and GZ8 - Two Zircon Reference Materials for SIMS U-Pb Geochronology. <i>Geostandards and Geoanalytical Research</i> , 2018 , 42, 431-457	3.6	15
538	Spongy texture in mantle clinopyroxene records decompression-induced melting. <i>Lithos</i> , 2018 , 320-321, 144-154	2.9	12
537	Tracking Deep Lithospheric Events with Garnet-Websterite Xenoliths from Southeastern Australia. <i>Journal of Petrology</i> , 2018 , 59, 901-930	3.9	11
536	Deposits associated with ultramafic mafic complexes in Mexico: the Loma Baya case. <i>Ore Geology Reviews</i> , 2017 , 81, 1053-1065	3.2	5
535	Early Mesozoic deep-crust reworking beneath the central Lhasa terrane (South Tibet): Evidence from intermediate gneiss xenoliths in granites. <i>Lithos</i> , 2017 , 274-275, 225-239	2.9	6
534	High-pressure experiments provide insights into the Mantle Transition Zone history of chromitite in Tibetan ophiolites. <i>Earth and Planetary Science Letters</i> , 2017 , 463, 151-158	5.3	26
533	Zircon recycling and crystallization during formation of chromite- and Ni-arsenide ores in the subcontinental lithospheric mantle (Serran de Ronda, Spain). <i>Ore Geology Reviews</i> , 2017 , 90, 193-209	3.2	21
532	East Antarctic sources of extensive Lower-Middle Ordovician turbidites in the Lachlan Orogen, southern Tasmanides, eastern Australia. <i>Australian Journal of Earth Sciences</i> , 2017 , 64, 143-224	1.4	23
531	Perspectives on Cretaceous Gondwana break-up from detrital zircon provenance of southern Zealandia sandstones. <i>Geological Magazine</i> , 2017 , 154, 661-682	2	21
530	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	3.5	29
529	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	5.3	15
528	Super-reduced mineral assemblages in "ophiolitic" chromitites and peridotites: the view from Mount Carmel. <i>European Journal of Mineralogy</i> , 2017 , 29, 557-570	2.2	31
527	Phanerozoic magma underplating and crustal growth beneath the North China Craton. <i>Terra Nova</i> , 2017 , 29, 211-217	3	4
526	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	3.6	22
525	Isotopic composition of Mg and Fe in garnet peridotites from the Kaapvaal and Siberian cratons. <i>Geochimica Et Cosmochimica Acta</i> , 2017 , 200, 167-185	5.5	38
524	Generation of continental adakitic rocks: Crystallization modeling with variable bulk partition coefficients. <i>Lithos</i> , 2017 , 272-273, 222-231	2.9	20
523	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	3.6	21

522	The recycling of chromitites in ophiolites from southwestern North America. <i>Lithos</i> , 2017 , 294-295, 53-72.9	2.9	22
521	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	2.9	14
520	Plume-subduction interaction forms large auriferous provinces. <i>Nature Communications</i> , 2017 , 8, 843	17.4	50
519	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. <i>Australian Journal of Earth Sciences</i> , 2017 , 64, 703-721	1.4	12
518	Electrical structures in the northwest margin of the Junggar basin: Implications for its late Paleozoic geodynamics. <i>Tectonophysics</i> , 2017 , 717, 473-483	3.1	12
517	Geochronology and geochemistry of deep-seated crustal xenoliths in the northern North China Craton: Implications for the evolution and structure of the lower crust. <i>Lithos</i> , 2017 , 292-293, 1-14	2.9	9
516	Multiple Metasomatism beneath the Neogene Volcanic Field (Northern Pannonian Basin) Revealed by Upper Mantle Peridotite Xenoliths. <i>Journal of Petrology</i> , 2017 , 58, 1107-1144	3.9	16
515	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	5.3	19
514	Sources of the Nanwenhe - Song Chay granitic complex (SW China - NE Vietnam) and its tectonic significance. <i>Lithos</i> , 2017 , 290-291, 76-93	2.9	13
513	Neoproterozoic magmatic flare-up along the N. margin of Gondwana: The Taknar complex, NE Iran. <i>Earth and Planetary Science Letters</i> , 2017 , 474, 83-96	5.3	58
512	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	3.2	14
511	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	5	53
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