

# Vadim S. Kamenetsky

## List of Publications by Year in descending order

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281  
papers

15,838  
citations

12597

71  
h-index

25983

112  
g-index

290  
all docs

290  
docs citations

290  
times ranked

7345  
citing authors



#	ARTICLE	IF	CITATIONS
19	Noble Metals in Arc Basaltic Magmas Worldwide: A Case Study of Modern and Pre-Historic Lavas of the Tolbachik Volcano, Kamchatka. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	7
20	Carbonatites: Contrasting, Complex, and Controversial. <i>Elements</i> , 2021, 17, 307-314.	0.5	23
21	Can primitive kimberlite melts be alkali-carbonate liquids: Composition of the melt snapshots preserved in deepest mantle xenoliths. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1849-1867.	1.2	34
22	Neoproterozoic opening of the Pacific Ocean recorded by multi-stage rifting in Tasmania, Australia. <i>Earth-Science Reviews</i> , 2020, 201, 103041.	4.0	21
23	A genetic story of olivine crystallisation in the Mark kimberlite (Canada) revealed by zoning and melt inclusions. <i>Lithos</i> , 2020, 358-359, 105405.	0.6	7
24	Evolution of kimberlite magmas in the crust: A case study of groundmass and mineral-hosted inclusions in the Mark kimberlite (Lac de Gras, Canada). <i>Lithos</i> , 2020, 372-373, 105690.	0.6	11
25	Carbonates at the supergiant Olympic Dam Cu-U-Au-Ag deposit, South Australia. Part 1: Distribution, textures, associations and stable isotope (C, O) signatures. <i>Ore Geology Reviews</i> , 2020, 126, 103775.	1.1	4
26	Composition and Structure of Zircon from Hydrothermal Uranium Occurrences of the Litsa Ore Area (Kola Region, Russia). <i>Geosciences (Switzerland)</i> , 2020, 10, 278.	1.0	4
27	Kimberlite Metasomatism of the Lithosphere and the Evolution of Olivine in Carbonate-rich Melts – Evidence from the Kimberley Kimberlites (South Africa). <i>Journal of Petrology</i> , 2020, 61, .	1.1	28
28	In-Situ Crystallization and Continuous Modification of Chromian Spinel in the Sulfide-Poor Platinum-Group Metal Ores of the Norilsk-1 Intrusion (Northern Siberia, Russia). <i>Minerals (Basel)</i> , 2020, 10, 1078.	0.8	10
29	Silicate inclusions in isoferroplatinum: Constraints on the origin of platinum mineralization in podiform chromitites. <i>Ore Geology Reviews</i> , 2020, 119, 103367.	1.1	12
30	Composition, crystallization conditions and genesis of sulfide-saturated parental melts of olivine-phyric rocks from Kamchatsky Mys (Kamchatka, Russia). <i>Lithos</i> , 2020, 370-371, 105657.	0.6	5
31	Hybrid Nature of the Platinum Group Element Chromite-Rich Rocks of the Norilsk 1 Intrusion: Genetic Constraints from Cr Spinel and Spinel-Hosted Multiphase Inclusions. <i>Economic Geology</i> , 2020, 115, 1321-1342.	1.8	14
32	Oxide-Sulfide-Melt-Bubble Interactions in Spinel-Rich Tactitic Rocks of the Norilsk-Talnakh Intrusions, Polar Siberia. <i>Economic Geology</i> , 2020, 115, 1305-1320.	1.8	21
33	Contact Metamorphic and Metasomatic Processes at the Kharaelakh Intrusion, Oktyabrsk Deposit, Norilsk-Talnakh Ore District: Application of LA-ICP-MS Dating of Perovskite, Apatite, Garnet, and Titanite. <i>Economic Geology</i> , 2020, 115, 1213-1226.	1.8	12
34	Polymineralic inclusions in oxide minerals of the Afrikanda alkaline-ultramafic complex: Implications for the evolution of perovskite mineralisation. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	6
35	Mineralogy and Origin of Aerosol From an Arc Basaltic Eruption: Case Study of Tolbachik Volcano, Kamchatka. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008802.	1.0	7
36	Multivariate Statistical Analysis of Trace Elements in Pyrite: Prediction, Bias and Artefacts in Defining Mineral Signatures. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 61.	0.8	14

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37	~1760Ma magnetite-bearing protoliths in the Olympic Dam deposit, South Australia: Implications for ore genesis and regional metallogeny. <i>Ore Geology Reviews</i> , 2020, 118, 103337.	1.1	6
38	Geology of the Acropolis prospect, South Australia, constrained by high-precision CA-TIMS ages. <i>Australian Journal of Earth Sciences</i> , 2020, 67, 699-716.	0.4	9
39	Origin of noble-metal nuggets in sulfide-saturated arc magmas: A case study of olivine-hosted sulfide melt inclusions from the Tolbachik volcano (Kamchatka, Russia). <i>Geology</i> , 2020, 48, 620-624.	2.0	26
40	SPINEL-GROUP MINERALS IN PERIDOTITES OF THE GULI AND BOR-URYAKH INTRUSIONS (MEIMECHA-KOTUY) Tj ETQq0 0 0 rgBT /Overlo		
41	Concentrically-Zoned Mafic-Ultramafic Marinkin Massif, Middle Vitim Highland, Baikal Region, Russia: Inclusions in Chrome Spinel—Key to Mineral Formation Processes. <i>Springer Proceedings in Earth and Environmental Sciences</i> , 2020, , 111-118.	0.2	0
42	An advanced stepwise leaching technique for derivation of initial lead isotope ratios in ancient mafic rocks: A case study of Mesoproterozoic intrusions from the Udzha paleo-rift, Siberian Craton. <i>Chemical Geology</i> , 2019, 528, 119253.	1.4	1
43	From magma to mush to lava: Crystal history of voluminous felsic lavas in the Gawler Range Volcanics, South Australia. <i>Lithos</i> , 2019, 346-347, 105148.	0.6	1
44	High-temperature gold-copper extraction with chloride flux in lava tubes of Tolbachik volcano (Kamchatka). <i>Terra Nova</i> , 2019, 31, 511-517.	0.9	1
45	A Reply to the Comment by Kostrovitsky, S. and Yakovlev, D. on “Was Crustal Contamination Involved in the Formation of the Serpentine-free Udachnaya-East Kimberlite? New Insights into Parental Melts, Liquidus Assemblage and Effects of Alteration” by Abersteiner et al. ( <i>J. Petrology</i> , 59, 1467-1492, 2018). <i>Journal of Petrology</i> , 2019, 60, 1841-1847.	1.1	1
46	Shoshonitic magmatism in the Paleoproterozoic of the south-western Siberian Craton: An analogue of the modern post-collision setting. <i>Lithos</i> , 2019, 328-329, 88-100.	0.6	21
47	Rare Earth Element Phosphate Minerals from the Olympic Dam Cu-U-Au-Ag Deposit, South Australia: Recognizing Temporal-Spatial Controls On Ree Mineralogy in an Evolved IOCG System. <i>Canadian Mineralogist</i> , 2019, 57, 3-24.	0.3	15
48	Uptake of trace elements by baryte during copper ore processing: A case study from Olympic Dam, South Australia. <i>Minerals Engineering</i> , 2019, 135, 83-94.	1.8	13
49	Polymineralic inclusions in kimberlite-hosted megacrysts: Implications for kimberlite melt evolution. <i>Lithos</i> , 2019, 336-337, 310-325.	0.6	25
50	Comparative Geothermometry in High-Mg Magmas from the Etendeka Province and Constraints on their Mantle Source. <i>Journal of Petrology</i> , 2019, 60, 2509-2528.	1.1	3
51	Djerfisherite in kimberlites and their xenoliths: implications for kimberlite melt evolution. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	16
52	Insights into magma histories through silicate-oxide crystal clusters: Linking the Hiltaba Suite intrusive rocks to the Gawler Range Volcanics, Gawler Craton, South Australia. <i>Precambrian Research</i> , 2019, 321, 103-122.	1.2	3
53	Composition and emplacement of the Benfontein kimberlite sill complex (Kimberley, South Africa): Textural, petrographic and melt inclusion constraints. <i>Lithos</i> , 2019, 324-325, 297-314.	0.6	43
54	Alkali-carbonate melts from the base of cratonic lithospheric mantle: Links to kimberlites. <i>Chemical Geology</i> , 2018, 483, 261-274.	1.4	73

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55	Impact of air, laser pulse width and fluence on U <sup>235</sup> /Pb dating of zircons by LA-ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 221-230.	1.6	84
56	Volatile concentrations in olivine-hosted melt inclusions from meimechite and melanephelinite lavas of the Siberian Traps Large Igneous Province: Evidence for flux-related high-Ti, high-Mg magmatism. <i>Chemical Geology</i> , 2018, 483, 442-462.	1.4	27
57	Significance of halogens (F, Cl) in kimberlite melts: Insights from mineralogy and melt inclusions in the Roger pipe (Ekati, Canada). <i>Chemical Geology</i> , 2018, 478, 148-163.	1.4	19
58	Monticellite in group-I kimberlites: Implications for evolution of parental melts and post-emplacement CO <sub>2</sub> degassing. <i>Chemical Geology</i> , 2018, 478, 76-88.	1.4	35
59	Reprint of Silicate-sulfide liquid immiscibility in modern arc basalt (Tolbachik volcano, Kamchatka): Part II. Composition, liquidus assemblage and fractionation of the silicate melt. <i>Chemical Geology</i> , 2018, 478, 112-130.	1.4	7
60	Compositional characteristics and geodynamic significance of late Miocene volcanic rocks associated with the Chahard epithermal gold-silver deposit, southwest Iran. <i>Island Arc</i> , 2018, 27, e12223.	0.5	11
61	Rare earth element geochemistry of feldspars: examples from Fe-oxide Cu-Au systems in the Olympic Cu-Au Province, South Australia. <i>Mineralogy and Petrology</i> , 2018, 112, 145-172.	0.4	13
62	Origin of volatiles emitted by Plinian mafic eruptions of the Chikurachki volcano, Kurile arc, Russia: Trace element, boron and sulphur isotope constraints. <i>Chemical Geology</i> , 2018, 478, 131-147.	1.4	8
63	Silicate-sulfide liquid immiscibility in modern arc basalt (Tolbachik volcano, Kamchatka): Part I. Occurrence and compositions of sulfide melts. <i>Chemical Geology</i> , 2018, 478, 102-111.	1.4	38
64	Catastrophic events in the Quaternary outflow history of Lake Baikal. <i>Earth-Science Reviews</i> , 2018, 177, 76-113.	4.0	18
65	Immiscible sulfide melts in primitive oceanic magmas: Evidence and implications from picrite lavas (Eastern Kamchatka, Russia). <i>American Mineralogist</i> , 2018, 103, 886-898.	0.9	29
66	Copper-Containing Magnesioferrite in Vesicular Trachyandesite in a Lava Tube from the 2012-2013 Eruption of the Tolbachik Volcano, Kamchatka, Russia. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 514.	0.8	5
67	Geodynamic Significance of the Mesoproterozoic Magmatism of the Udzha Paleo-Rift (Northern Tj ETQq1 1 0.784314 rgBT /Overlock 2018, 8, 555.	0.8	12
68	Textural evolution of perovskite in the Afrikanda alkaline-ultramafic complex, Kola Peninsula, Russia. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	10
69	Chromium spinel in Late Quaternary volcanic rocks from Kamchatka: Implications for spatial compositional variability of subarc mantle and its oxidation state. <i>Lithos</i> , 2018, 322, 212-224.	0.6	23
70	Tectonothermal events in the Olympic IOCG Province constrained by apatite and REE-phosphate geochronology. <i>Australian Journal of Earth Sciences</i> , 2018, 65, 643-659.	0.4	14
71	Trace Elements and Minerals in Fumarolic Sulfur: The Case of Ebeko Volcano, Kuriles. <i>Geofluids</i> , 2018, 2018, 1-16.	0.3	20
72	Textural, morphological and compositional varieties of modern arc sulfides: A case study of the Tolbachik volcano, Kamchatka. <i>Lithos</i> , 2018, 318-319, 14-29.	0.6	8

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73	Was Crustal Contamination Involved in the Formation of the Serpentine-Free Udachnaya-East Kimberlite? New Insights into Parental Melts, Liquidus Assemblage and Effects of Alteration. <i>Journal of Petrology</i> , 2018, 59, 1467-1492.	1.1	38
74	Ankaramite: A New Type of High-Magnesium and High-Calcium Primitive Melt in the Magnitogorsk Island-Arc Zone (Southern Urals). <i>Doklady Earth Sciences</i> , 2018, 479, 463-467.	0.2	3
75	Precise geochronological constraints on the origin, setting and incorporation of ca. 1.59 Ga surficial facies into the Olympic Dam Breccia Complex, South Australia. <i>Precambrian Research</i> , 2018, 315, 162-178.	1.2	35
76	Isotopic Disequilibrium in Migmatitic Hornfels of the Gennargentu Igneous Complex (Sardinia, Italy) Records the Formation of Low $^{87}\text{Sr}/^{86}\text{Sr}$ Melts from a Mica-Rich Source. <i>Journal of Petrology</i> , 2018, 59, 1309-1328.	1.1	7
77	Effects of hydrothermal alteration on mafic lithologies at the Olympic Dam Cu-U-Au-Ag deposit. <i>Precambrian Research</i> , 2017, 292, 305-322.	1.2	5
78	Seawater cycled throughout Earth's mantle in partially serpentinized lithosphere. <i>Nature Geoscience</i> , 2017, 10, 222-228.	5.4	139
79	A triple S-shaped compositional profile in a Karoo dolerite sill—Evidence of concurrent multiple fractionation processes. <i>Geology</i> , 2017, 45, 603-606.	2.0	4
80	Empirical constraints on partitioning of platinum group elements between Cr-spinel and primitive terrestrial magmas. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 216, 393-416.	1.6	27
81	Geochronological, geochemical and Pb isotopic compositions of Tasmanian granites (southeast) <i>Tectonophysics</i> , 2017, 678, 1-14.	3.0	17
82	Age constraints on the hydrothermal history of the Prominent Hill iron oxide copper-gold deposit, South Australia. <i>Mineralium Deposita</i> , 2017, 52, 863-881.	1.7	11
83	Platinum-group elements and gold in sulfide melts from modern arc basalt (Tolbachik volcano,) <i>Tectonophysics</i> , 2017, 678, 15-34.	0.6	34
84	Silicate-sulfide liquid immiscibility in modern arc basalt (Tolbachik volcano, Kamchatka): Part II. Composition, liquidus assemblage and fractionation of the silicate melt. <i>Chemical Geology</i> , 2017, 471, 92-110.	1.4	35
85	Linking Olympic Dam and the Cariewerloo Basin: Was a sedimentary basin involved in formation of the world's largest uranium deposit?. <i>Precambrian Research</i> , 2017, 300, 168-180.	1.2	21
86	Mantle melting versus mantle metasomatism — The chicken or the egg dilemma. <i>Chemical Geology</i> , 2017, 455, 120-130.	1.4	30
87	Petrographic and melt-inclusion constraints on the petrogenesis of a magmaclast from the Venetia kimberlite cluster, South Africa. <i>Chemical Geology</i> , 2017, 455, 331-341.	1.4	43
88	Multiple mantle sources of continental magmatism: Insights from high-Ti picrites of Karoo and other large igneous provinces. <i>Chemical Geology</i> , 2017, 455, 22-31.	1.4	41
89	Feldspar evolution in the Roxby Downs Granite, host to Fe-oxide Cu-Au-(U) mineralisation at Olympic Dam, South Australia. <i>Ore Geology Reviews</i> , 2017, 80, 838-859.	1.1	44
90	Timing and genesis of the Karoo-Ferrar large igneous province: New high precision U-Pb data for Tasmania confirm short duration of the major magmatic pulse. <i>Chemical Geology</i> , 2017, 455, 32-43.	1.4	73

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91	The final stages of kimberlite petrogenesis: Petrography, mineral chemistry, melt inclusions and Sr-C-O isotope geochemistry of the Bultfontein kimberlite (Kimberley, South Africa). <i>Chemical Geology</i> , 2017, 455, 342-356.	1.4	78
92	Different types of liquid immiscibility in carbonatite magmas: A case study of the Oldoinyo Lengai 1993 lava and melt inclusions. <i>Chemical Geology</i> , 2017, 455, 376-384.	1.4	22
93	First direct evidence for natural occurrence of colloidal silica in chalcedony-hosted vacuoles and implications for ore-forming processes. <i>Geology</i> , 2017, 45, 71-74.	2.0	11
94	Hydrosilicate liquids in the system rare-metal granite $\text{Na}_2\text{O}$ - $\text{SiO}_2$ - $\text{H}_2\text{O}$ as accumulators of ore components at high pressure and temperature. <i>Petrology</i> , 2017, 25, 625-635.	0.2	12
95	Rare Earth Element Fluorocarbonate Minerals from the Olympic Dam Cu-U-Au-Ag Deposit, South Australia. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 202.	0.8	26
96	Southwestern Africa on the burner: Pleistocene carbonatite volcanism linked to deep mantle upwelling in Angola. <i>Geology</i> , 2017, 45, 971-974.	2.0	17
97	EARLY, DEEP MAGNETITE-FLUORAPATITE MINERALIZATION AT THE OLYMPIC DAM Cu-U-Au-Ag DEPOSIT, SOUTH AUSTRALIA*. <i>Economic Geology</i> , 2017, 112, 1531-1542.	1.8	46
98	Matrix effects in Pb/U measurements during LA-ICP-MS analysis of the mineral apatite. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1206-1215.	1.6	71
99	Comment on: "The ascent of kimberlite: Insights from olivine" by Brett R.C. et al. [ <i>Earth Planet. Sci. Lett.</i> 424 (2015) 119-131]. <i>Earth and Planetary Science Letters</i> , 2016, 440, 187-189.	1.8	11
100	Early Eocene clinostatite boninite and boninite-series dikes of the ophiolite of New Caledonia; a witness of slab-derived enrichment of the mantle wedge in a nascent volcanic arc. <i>Lithos</i> , 2016, 260, 429-442.	0.6	47
101	In-situ assimilation of mantle minerals by kimberlitic magmas – Direct evidence from a garnet wehrlite xenolith entrained in the Bultfontein kimberlite (Kimberley, South Africa). <i>Lithos</i> , 2016, 256-257, 182-196.	0.6	57
102	A story of olivine from the Mclvor Hill complex (Tasmania, Australia): Clues to the origin of the Avebury metasomatic Ni sulfide deposit. <i>American Mineralogist</i> , 2016, 101, 1321-1331.	0.9	14
103	Relation between cathodoluminescence and trace-element distribution of magmatic topaz from the Ary-Bulak massif, Russia. <i>Mineralogical Magazine</i> , 2016, 80, 881-899.	0.6	9
104	Oxygen isotopes and volatile contents of the Gorgona komatiites, Colombia: A confirmation of the deep mantle origin of H <sub>2</sub> O. <i>Earth and Planetary Science Letters</i> , 2016, 454, 154-165.	1.8	19
105	Melanesian back-arc basin and arc development: Constraints from the eastern Coral Sea. <i>Gondwana Research</i> , 2016, 39, 77-95.	3.0	34
106	Carbonatite magmatism of the southern Siberian Craton 1 Ga ago: Evidence for the beginning of breakup of Laurasia in the early Neoproterozoic. <i>Doklady Earth Sciences</i> , 2016, 471, 1140-1143.	0.2	1
107	The metamorphic sole of the western Tasmanian ophiolite: New insights into the Cambrian tectonic setting of the Gondwana Pacific margin. <i>Gondwana Research</i> , 2016, 38, 351-369.	3.0	13
108	Olivine-phyric basalt in the Mesoproterozoic Gawler silicic large igneous province, South Australia: Examples at the Olympic Dam Iron Oxide Cu-U-Au-Ag deposit and other localities. <i>Precambrian Research</i> , 2016, 281, 185-199.	1.2	37

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109	New carbonatite complex in the western Baikal area, southern Siberian craton: Mineralogy, age, geochemistry, and petrogenesis. <i>Petrology</i> , 2016, 24, 271-302.	0.2	12
110	Gold recycling and enrichment beneath volcanoes: A case study of Tolbachik, Kamchatka. <i>Earth and Planetary Science Letters</i> , 2016, 437, 35-46.	1.8	23
111	Postmagmatic magnetite-apatite assemblage in mafic intrusions: a case study of dolerite at Olympic Dam, South Australia. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	15
112	Two-component mantle melting-mixing model for the generation of mid-ocean ridge basalts: Implications for the volatile content of the Pacific upper mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 176, 44-80.	1.6	116
113	Characteristics, origin and significance of Mesoproterozoic bedded clastic facies at the Olympic Dam Cu-Au-Ag deposit, South Australia. <i>Precambrian Research</i> , 2016, 276, 85-100.	1.2	21
114	Uranium and Sm isotope studies of the supergiant Olympic Dam Cu-Au-Ag deposit, South Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 180, 15-32.	1.6	35
115	Transition from ultra-enriched to ultra-depleted primary MORB melts in a single volcanic suite (Macquarie Island, SW Pacific): Implications for mantle source, melting process and plumbing system. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 185, 112-128.	1.6	16
116	Constraints on kimberlite ascent mechanisms revealed by phlogopite compositions in kimberlites and mantle xenoliths. <i>Lithos</i> , 2016, 240-243, 189-201.	0.6	111
117	Multi-stage enrichment processes for large gold-bearing ore deposits. <i>Ore Geology Reviews</i> , 2016, 76, 268-279.	1.1	57
118	U-Pb zircon geochronology and geochemistry from NE Vietnam: A tectonically disputed territory between the Indochina and South China blocks. <i>Gondwana Research</i> , 2016, 34, 254-273.	3.0	88
119	Chlorine in mantle-derived carbonatite melts revealed by halite in the St.-Honoré intrusion (Québec, Tj ETQq1 1.0.784314 rgBT /Dv	2.0	16
120	Carbonatitic lavas in Catanda (Kwanza Sul, Angola): Mineralogical and geochemical constraints on the parental melt. <i>Lithos</i> , 2015, 232, 1-11.	0.6	17
121	Did diamond-bearing orangeites originate from MARID-veined peridotites in the lithospheric mantle?. <i>Nature Communications</i> , 2015, 6, 6837.	5.8	78
122	Carbonate-silicate liquid immiscibility in the mantle propels kimberlite magma ascent. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 158, 48-56.	1.6	92
123	Melt inclusion CO <sub>2</sub> contents, pressures of olivine crystallization, and the problem of shrinkage bubbles. <i>American Mineralogist</i> , 2015, 100, 787-794.	0.9	128
124	Neoproterozoic (ca. 820-830 Ma) mafic dykes at Olympic Dam, South Australia: Links with the Gairdner Large Igneous Province. <i>Precambrian Research</i> , 2015, 271, 160-172.	1.2	51
125	Crystallization of platinum-group minerals from silicate melts: Evidence from Cr-spinel-hosted inclusions in volcanic rocks. <i>Geology</i> , 2015, 43, 903-906.	2.0	63
126	The evolution of authigenic Zn-Pb-Fe-bearing phases in the Grieves Siding peat, western Tasmania. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	1.2	10



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127	Palaeoarchaean felsic magmatism: A melt inclusion study of 3.45 Ga old rhyolites from the Barberton Greenstone Belt, South Africa. <i>Chemical Geology</i> , 2015, 414, 69-83.	1.4	9
128	Quaternary high-Mg ultrapotassic rocks from the Qalâh Hasan Ali maars, southeastern Iran: petrogenesis and geodynamic implications. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	1.2	16
129	Ontogeny of ore Cr-spinel and composition of inclusions as indicators of the pneumatolytic-hydrothermal origin of PGM-bearing chromitites from Kondyor massif, the Aldan Shield. <i>Geology of Ore Deposits</i> , 2015, 57, 352-380.	0.2	33
130	Relationships between oxygen fugacity and metasomatism in the Kaapvaal subcratonic mantle, represented by garnet peridotite xenoliths in the Wesselton kimberlite, South Africa. <i>Lithos</i> , 2015, 212-215, 443-452.	0.6	24
131	Comparison of metal enrichment in pyrite framboids from a metal-enriched and metal-poor estuary. <i>American Mineralogist</i> , 2014, 99, 633-644.	0.9	76
132	Chemical abrasion of zircon and ilmenite megacrysts in the Monastery kimberlite: Implications for the composition of kimberlite melts. <i>Chemical Geology</i> , 2014, 383, 76-85.	1.4	42
133	LIMA U-Pb ages link lithospheric mantle metasomatism to Karoo magmatism beneath the Kimberley region, South Africa. <i>Earth and Planetary Science Letters</i> , 2014, 401, 132-147.	1.8	41
134	The Central Ailaoshan ophiolite and modern analogs. <i>Gondwana Research</i> , 2014, 26, 75-88.	3.0	109
135	Petrogenesis of Mantle Polymict Breccias: Insights into Mantle Processes Coeval with Kimberlite Magmatism. <i>Journal of Petrology</i> , 2014, 55, 831-858.	1.1	86
136	Adakites in the Truong Son and Loei fold belts, Thailand and Laos: Genesis and implications for geodynamics and metallogeny. <i>Gondwana Research</i> , 2014, 26, 165-184.	3.0	126
137	The key role of mica during igneous concentration of tantalum. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	1.2	211
138	Mineralization, U-Pb Geochronology, and Stable Isotope Geochemistry of the Lower Main Zone of the Lorraine Deposit, North-Central British Columbia: A Replacement-Style Alkalic Cu-Au Porphyry. <i>Economic Geology</i> , 2014, 109, 979-1004.	1.8	19
139	Formation and properties of hydrosilicate liquids in the systems Na <sub>2</sub> O-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> -H <sub>2</sub> O and granite-Na <sub>2</sub> O-SiO <sub>2</sub> -H <sub>2</sub> O at 600°C and 1.5 kbar. <i>Petrology</i> , 2014, 22, 293-309.	0.2	13
140	Towards a new model for kimberlite petrogenesis: Evidence from unaltered kimberlites and mantle minerals. <i>Earth-Science Reviews</i> , 2014, 139, 145-167.	4.0	126
141	Stable isotope (C, O, S) compositions of volatile-rich minerals in kimberlites: A review. <i>Chemical Geology</i> , 2014, 374-375, 61-83.	1.4	81
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278	Potassic primary melts of vulsini (Roman Province): evidence from mineralogy and melt inclusions. <i>Contributions To Mineralogy and Petrology</i> , 1995, 120, 186-196.	1.2	60
279	Petrology and Geochemistry of Cretaceous Ultramafic Volcanics from Eastern Kamchatka. <i>Journal of Petrology</i> , 1995, 36, 637-662.	1.1	77
280	Potassic primary melts of Vulsini (Roman Province): evidence from mineralogy and melt inclusions. <i>Contributions To Mineralogy and Petrology</i> , 1995, 120, 186-196.	1.2	3
281	Primitive island arc and oceanic lavas from the hunter ridge-hunter fracture zone. Evidence from glass, olivine and spinel compositions. <i>Mineralogy and Petrology</i> , 1992, 47, 149-169.	0.4	42