

How unique is the Udachnaya-East kimberlite? Comparison with the Slave Craton (Canada) and SW Greenland

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Citation Report

#	ARTICLE	IF	CITATIONS
1	High-Mg carbonatitic microinclusions in some Yakutian diamondsâ€”a new type of diamond-forming fluid. <i>Lithos</i> , 2009, 112, 648-659.	0.6	181
2	Experimental model for alkalic chloride-rich liquids in the upper mantle. <i>Lithos</i> , 2009, 112, 260-273.	0.6	33
3	Can pyroxenes be liquidus minerals in the kimberlite magma?. <i>Lithos</i> , 2009, 112, 213-222.	0.6	71
4	Distribution of kimberlite and aillikite in the Diamond Province of southern West Greenland: A regional perspective based on groundmass mineral chemistry and bulk compositions. <i>Lithos</i> , 2009, 112, 358-371.	0.6	54
5	Geochemistry of hypabyssal kimberlites from Lac de Gras, Canada: Comparisons to a global database and applications to the parent magma problem. <i>Lithos</i> , 2009, 112, 236-248.	0.6	211
6	Chlorine from the mantle: Magmatic halides in the Udachnaya-East kimberlite, Siberia. <i>Earth and Planetary Science Letters</i> , 2009, 285, 96-104.	1.8	70
7	Origin of Cl-bearing silica-rich melt inclusions in diamonds: Experimental evidence for an eclogite connection. <i>Geology</i> , 2010, 38, 1131-1134.	2.0	29
8	Nitrogenâ€”Rich Compounds of the Lanthanoids: Highlights and Summary. <i>Helvetica Chimica Acta</i> , 2010, 93, 183-202.	1.0	26
9	High-Mg carbonatitic melts in diamonds, kimberlites and the sub-continental lithosphere. <i>Earth and Planetary Science Letters</i> , 2011, 309, 337-347.	1.8	61
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13	A Raman microprobe study of melt inclusions in kimberlites from Siberia, Canada, SW Greenland and South Africa. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 80, 82-87.	2.0	40
14	Djerfisherite in xenoliths of sheared peridotite in the Udachnaya-East pipe (<i>Yakutia</i>): origin and relationship with kimberlitic magmatism. <i>Russian Geology and Geophysics</i> , 2012, 53, 247-261.	0.3	32
15	Ultrafresh salty kimberlite of the Udachnayaâ€”East pipe (Yakutia, Russia): A petrological oddity or fortuitous discovery?. <i>Lithos</i> , 2012, 152, 173-186.	0.6	92
16	Parental carbonatitic melt of the Koala kimberlite (Canada): Constraints from melt inclusions in olivine and Cr-spinel, and groundmass carbonate. <i>Chemical Geology</i> , 2013, 353, 96-111.	1.4	72
17	Melting and subsolidus phase relations in the system Na_2CO_3 - $MgCO_3$ - H_2O at 6 GPa and the stability of $Na_2Mg(CO_3)_2$ in the upper mantle. <i>American Mineralogist</i> , 2013, 98, 2172-2182.	0.9	47
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24	Melting experiments on the Udachnaya kimberlite at 6.3–7.5GPa: Implications for the role of H ₂ O in magma generation and formation of hydrous olivine. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 101, 133-155.	1.6	47
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26	The role of water in generation of group II kimberlite magmas: Constraints from multiple saturation experiments. <i>American Mineralogist</i> , 2014, 99, 2292-2302.	0.9	10
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30	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
31	Halogens (F, Cl and Br) at Oldoinyo Lengai volcano (Tanzania): Effects of magmatic differentiation, silicate–natrocarbonatite melt separation and surface alteration of natrocarbonatite. <i>Chemical Geology</i> , 2014, 365, 43-53.	1.4	28
32	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
33	Conditions of kimberlite magma generation: experimental constraints. <i>Russian Geology and Geophysics</i> , 2015, 56, 245-259.	0.3	14
34	<i>In situ</i> ambient and high-temperature Raman spectroscopic studies of nyerereite (Na,K) ₂ Ca(CO ₃) ₂ : can hexagonal zemkorite be stable at earth's surface conditions?. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 904-912.	1.2	13
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38	Conditions of diamond crystallization in kimberlite melt: experimental data. <i>Russian Geology and Geophysics</i> , 2015, 56, 196-210.	0.3	42
39	Paragenesis and complex zoning of olivine macrocrysts from unaltered kimberlite of the Udachnaya-East pipe, Yakutia: relationship with the kimberlite formation conditions and evolution. <i>Russian Geology and Geophysics</i> , 2015, 56, 260-279.	0.3	63
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41	Carbonate-silicate liquid immiscibility in the mantle propels kimberlite magma ascent. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 158, 48-56.	1.6	92
42	Phase relations in carbonate systems at pressures and temperatures of lithospheric mantle: review of experimental data. <i>Russian Geology and Geophysics</i> , 2015, 56, 113-142.	0.3	51
43	Unique compositional peculiarities of olivine phenocrysts from the post flood basalt diamondiferous Malokuonapaskaya kimberlite pipe, Yakutia. <i>Doklady Earth Sciences</i> , 2015, 463, 828-832.	0.2	16
44	Composition of primary kimberlite magma: constraints from melting and diamond dissolution experiments. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	1.2	20
45	Melting phase relations of the Udachnaya-East Group-I kimberlite at 3.0-6.5 GPa: Experimental evidence for alkali-carbonatite composition of primary kimberlite melts and implications for mantle plumes. <i>Gondwana Research</i> , 2015, 28, 1391-1414.	3.0	62
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50	Composition of primary kimberlite melt in a garnet lherzolite mantle source: constraints from melting phase relations in anhydrous Udachnaya-East kimberlite with variable CO ₂ content at 6.5 GPa. <i>Gondwana Research</i> , 2017, 45, 208-227.	3.0	42
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57	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
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67	Prospects of search for diamondiferous kimberlites in the northeastern Siberian Platform. <i>Russian Geology and Geophysics</i> , 2018, 59, 1365-1379.	0.3	36
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74	Viscosity of haplokimberlitic and basaltic melts at high pressures: Experimental and theoretical studies. <i>Chemical Geology</i> , 2018, 497, 54-63.	1.4	9
75	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
76	The System K_2CO_3 - $CaCO_3$ - $MgCO_3$ at 3 GPa: Implications for Carbonatite Melt Compositions in the Shallow Continental Lithosphere. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 296.	0.8	20
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80	Djerfisherite in kimberlites and their xenoliths: implications for kimberlite melt evolution. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	16
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83	Carbonate melt interaction with natural eclogite at 6 GPa and 1100-1200°C: Implications for metasomatic melt composition in subcontinental lithospheric mantle. <i>Chemical Geology</i> , 2020, 558, 119915.	1.4	13
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92	Phase relations in carbonate component of carbonatized eclogite and peridotite along subduction and continental geotherms. <i>Gondwana Research</i> , 2021, 94, 186-200.	3.0	11
93	Confocal Raman spectroscopic study of melt inclusions in olivine of mantle xenoliths from the Bultfontein kimberlite pipe (Kimberley cluster, South Africa): Evidence for alkali-rich carbonate melt in the mantle beneath Kaapvaal Craton. <i>Journal of Raman Spectroscopy</i> , 0, , .	1.2	16
94	NIR-MID Reflectance and Emissivity Study at Different Temperatures of Sodium Carbonate Minerals: Spectra Characterization and Implication for Remote Sensing Identification. <i>Minerals (Basel)</i> , Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 657	0.8	1
95	Dissolution of mantle orthopyroxene in kimberlitic melts: Petrographic, geochemical and melt inclusion constraints from an orthopyroxenite xenolith from the Udachnaya-East kimberlite (Siberian) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 657	0.8	1
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99	Geology, Structure, and Radiometric Age Determination of the Murowa Kimberlites, Zimbabwe*. , 2018, , 379-402.		0
100	The nyerereite crystal structure: a possible messenger from the deep Earth. <i>American Mineralogist</i> , 2022, , .	0.9	3
101	Towards composition of carbonatite melts in peridotitic mantle. <i>Earth and Planetary Science Letters</i> , 2022, 581, 117395.	1.8	8
102	Experimental Modeling of Diamond Resorption during Mantle Metasomatism. <i>Minerals (Basel)</i> , Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34	0.8	1
103	The NaCl-CaCO ₃ and NaCl-MgCO ₃ systems at 6 GPa: Link between saline and carbonatitic diamond forming melts. <i>American Mineralogist</i> , 2022, , .	0.9	4
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107	Melt Inclusions in Chromium Spinel of Kimberlites of the Zapolyarnaya Pipe, Upper Muna Field, Siberian Craton. <i>Doklady Earth Sciences</i> , 2022, 504, 271-275.	0.2	3
108	Olivine in Kimberlites: Magma Evolution from Deep Mantle to Eruption. <i>Journal of Petrology</i> , 2022, 63, .	1.1	11
109	Genetic link between saline and carbonatitic mantle fluids: The system NaCl-CaCO ₃ -MgCO ₃ -H ₂ O-FeO at 6 GPa. <i>Geoscience Frontiers</i> , 2022, 13, 101431.	4.3	4

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111	Change in carbonate budget and composition during subduction below metal saturation boundary. <i>Geoscience Frontiers</i> , 2023, 14, 101463.	4.3	2
112	Degassing Mechanisms of Kimberlite Magma at Its Initial Ascent: Experimental Data at 5.5 and 3.0 GPa. <i>Geochemistry International</i> , 2022, 60, 1087-1102.	0.2	0
113	Melt Composition and Phase Equilibria in the Eclogite-Carbonate System at 6 GPa and 900–1500 °C. <i>Minerals (Basel, Switzerland)</i> , 2023, 13, 82.	0.8	3
114	Inverse Modeling to Constrain Composition of CO ₂ -Rich Parental Melt of Kimberlite: Model Development and Application to the Majuagaa Dyke, Southern West Greenland. <i>Journal of Petrology</i> , 0, , .	1.1	0
115	The System KCl–CaCO ₃ –MgCO ₃ at 3 GPa. <i>Minerals (Basel, Switzerland)</i> , 2023, 13, 248.	0.8	1
116	The evolution of diamond-forming fluids indicating a pre-kimberlitic metasomatic event in the mantle beneath the Mirny field (Siberian craton). <i>Contributions To Mineralogy and Petrology</i> , 2023, 178, .	1.2	0