

# Bruce A Kjarsgaard

## List of Publications by Year in descending order

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13  
papers

664  
citations

1040056

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1125743

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29  
times ranked

515  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidation state and metasomatism of the lithospheric mantle beneath the Rae Craton, Canada: strong gradients reflect craton formation and evolution. <i>Scientific Reports</i> , 2021, 11, 3684.	3.3	7
2	Multidisciplinary Modeling of Mantle Lithosphere Structure Within the Superior Craton, North America. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009566.	2.5	3
3	A Palaeoproterozoic diamond-bearing lithospheric mantle root beneath the Archean Sask Craton, Canada. <i>Lithos</i> , 2020, 356-357, 105301.	1.4	10
4	Trace metal and isotopic depth profiles through the Abitibi cratonic mantle. <i>Lithos</i> , 2018, 314-315, 520-533.	1.4	9
5	Geochronology, classification and mantle source characteristics of kimberlites and related rocks from the Rae Craton, Melville Peninsula, Nunavut, Canada. <i>Mineralogy and Petrology</i> , 2018, 112, 653-672.	1.1	11
6	The North America mid-Cretaceous kimberlite corridor: Wet, edge-driven decompression melting of an OIB-type deep mantle source. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2727-2747.	2.5	37
7	Lithospheric architecture of the Slave craton, northwest Canada, as determined from an interdisciplinary 3D model. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 1895-1910.	2.5	25
8	Mantle transition zone input to kimberlite magmatism near a subduction zone: Origin of anomalous Nd-Hf isotope systematics at Lac de Gras, Canada. <i>Earth and Planetary Science Letters</i> , 2013, 371-372, 235-251.	4.4	111
9	Constraints on the depth and thermal history of cratonic lithosphere from peridotite xenoliths, xenocrysts and seismology. <i>Lithos</i> , 2011, 125, 729-742.	1.4	117
10	Discussion of the Geology and diamond distribution of the 140/141 kimberlite, Fort À la Corne, central Saskatchewan, Canada, by A. Berryman, B.H. Scott-Smith and B.C. Jellicoe ( <i>Lithos</i> v. 76, p. 99-114). <i>Lithos</i> , 2007, 97, 422-428.	1.4	12
11	Sedimentologic and stratigraphic constraints on emplacement of the Star Kimberlite, east-central Saskatchewan. <i>Lithos</i> , 2004, 76, 115-138.	1.4	43
12	The temporal evolution of North American kimberlites. <i>Lithos</i> , 2004, 76, 377-397.	1.4	198
13	Emplacement and reworking of Cretaceous, diamond-bearing, crater facies kimberlite of central Saskatchewan, Canada. <i>Bulletin of the Geological Society of America</i> , 1997, 109, 1000-1020.	3.3	47