

Yannick Bussweiler

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Recycling process and proto-kimberlite melt metasomatism in the lithosphere-asthenosphere boundary beneath the Amazonian Craton recorded by garnet xenocrysts and mantle xenoliths from the Carolina kimberlite. <i>Geoscience Frontiers</i> , 2022, 13, 101429. | 4.3 | 6 |
| 2 | Clinopyroxene and Garnet Mantle Cargo in Kimberlites as Probes of Dharwar Craton Architecture and Geotherms, with Implications for Post-1.8 Ga Lithosphere Thinning Events Beneath Southern India. <i>Journal of Petrology</i> , 2021, 61, . | 1.1 | 21 |
| 3 | Clarifying source assemblages and metasomatic agents for basaltic rocks in eastern Australia using olivine phenocryst compositions. <i>Lithos</i> , 2021, 390-391, 106122. | 0.6 | 5 |
| 4 | Origins of olivine in Earth's youngest kimberlite: Igwisi Hills volcanoes, Tanzania craton. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1. | 1.2 | 9 |
| 5 | Sediment-Peridotite Reaction Controls Fore-Arc Metasomatism and Arc Magma Geochemical Signatures. <i>Geosciences (Switzerland)</i> , 2021, 11, 372. | 1.0 | 12 |
| 6 | Partial melting and subduction-related metasomatism recorded by geochemical and isotope (He-Ne-Ar-Sr-Nd) compositions of spinel lherzolite xenoliths from Coyhaique, Chilean Patagonia. <i>Gondwana Research</i> , 2021, 98, 257-276. | 3.0 | 2 |
| 7 | Titanium-rich metasomatism in the lithospheric mantle beneath the Arkhangelsk Diamond Province, Russia: insights from ilmenite-bearing xenoliths and HP-HT reaction experiments. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1. | 1.2 | 6 |
| 8 | Trace element mapping of high-pressure, high-temperature experimental samples with laser ablation ICP time-of-flight mass spectrometry – Illuminating melt-rock reactions in the lithospheric mantle. <i>Lithos</i> , 2020, 352-353, 105282. | 0.6 | 6 |
| 9 | Polymineralic Inclusions in Megacrysts as Proxies for Kimberlite Melt Evolution – A Review. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 530. | 0.8 | 15 |
| 10 | Deep Magma Storage Revealed by Multi-Method Elemental Mapping of Clinopyroxene Megacrysts at Stromboli Volcano. <i>Frontiers in Earth Science</i> , 2019, 7, . | 0.8 | 54 |
| 11 | Trace element analysis of high-Mg olivine by LA-ICP-MS – Characterization of natural olivine standards for matrix-matched calibration and application to mantle peridotites. <i>Chemical Geology</i> , 2019, 524, 136-157. | 1.4 | 44 |
| 12 | The application of trace elements and Sr–Pb isotopes to dating and tracing ruby formation: The Aappaluttoq deposit, SW Greenland. <i>Chemical Geology</i> , 2019, 523, 42-58. | 1.4 | 10 |
| 13 | Olivine trace element compositions in diamondiferous lamproites from India: Proxies for magma origins and the nature of the lithospheric mantle beneath the Bastar and Dharwar cratons. <i>Lithos</i> , 2019, 324-325, 501-518. | 0.6 | 28 |
| 14 | The uniquely high-temperature character of Cullinan diamonds: A signature of the Bushveld mantle plume?. <i>Lithos</i> , 2018, 304-307, 362-373. | 0.6 | 18 |
| 15 | Cr-rich megacrysts of clinopyroxene and garnet from Lac de Gras kimberlites, Slave Craton, Canada – implications for the origin of clinopyroxene and garnet in cratonic lherzolites. <i>Mineralogy and Petrology</i> , 2018, 112, 583-596. | 0.4 | 35 |
| 16 | The aluminum-in-olivine thermometer for mantle peridotites – Experimental versus empirical calibration and potential applications. <i>Lithos</i> , 2017, 272-273, 301-314. | 0.6 | 63 |
| 17 | The evolution of calcite-bearing kimberlites by melt-rock reaction: evidence from polymineralic inclusions within clinopyroxene and garnet megacrysts from Lac de Gras kimberlites, Canada. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1. | 1.2 | 58 |
| 18 | The olivine macrocryst problem: New insights from minor and trace element compositions of olivine from Lac de Gras kimberlites, Canada. <i>Lithos</i> , 2015, 220-223, 238-252. | 0.6 | 104 |