# Sarah Lambart

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4137041/publications.pdf

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|---|---|---|---|
| 15 papers | 949 citations | 759233 12 h-index | 996975 15 g-index |
| 16 all docs | 16 docs citations | 16 times ranked | 771 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Decoupled Zn-Sr-Nd isotopic composition of continental intraplate basalts caused by two-stage melting process. Geochimica Et Cosmochimica Acta, 2022, 326, 234-252. | 3.9 | 13 |
| 2 | Compositional variability of San Carlos olivine. Chemical Geology, 2022, 605, 120968. | 3.3 | 8 |
| 3 | Melting of a hydrous peridotite mantle source under the Emeishan large igneous province. Earth-Science Reviews, 2020, 207, 103253. | 9.1 | 19 |
| 4 | Highly heterogeneous depleted mantle recorded in the lower oceanic crust. Nature Geoscience, 2019, 12, 482-486. | 12.9 | 42 |
| 5 | Testing pyroxenite versus peridotite sources for marine basalts using U-series isotopes. Lithos, 2019, 332-333, 226-244. | 1.4 | 18 |
| 6 | In situ carbon mineralization in ultramafic rocks: Natural processes and possible engineered methods. Energy Procedia, 2018, 146, 92-102. | 1.8 | 30 |
| 7 | Experimental Investigation of the Pressure of Crystallization of Ca(OH) 2 : Implications for the Reactive Cracking Process. Geochemistry, Geophysics, Geosystems, 2018, 19, 3448-3458. | 2.5 | 5 |
| 8 | The role of pyroxenite in basalt genesis: Meltâ€PX, a melting parameterization for mantle pyroxenites between 0.9 and 5â€‰GPa. Journal of Geophysical Research: Solid Earth, 2016, 121, 5708-5735. | 3.4 | 137 |
| 9 | Quantifying lithological variability in the mantle. Earth and Planetary Science Letters, 2014, 395, 24-40. | 4.4 | 105 |
| 10 | Experimental derivation of nepheline syenite and phonolite liquids by partial melting of upper mantle peridotites. Earth and Planetary Science Letters, 2014, 404, 319-331. | 4.4 | 60 |
| 11 | Markers of the pyroxenite contribution in the major-element compositions of oceanic basalts: Review of the experimental constraints. Lithos, 2013, 160-161, 14-36. | 1.4 | 168 |
| 12 | Fate of Pyroxenite-derived Melts in the Peridotitic Mantle: Thermodynamic and Experimental Constraints. Journal of Petrology, 2012, 53, 451-476. | 2.8 | 134 |
| 13 | An experimental study of focused magma transport and basaltâ€“peridotite interactions beneath mid-ocean ridges: implications for the generation of primitive MORB compositions. Contributions To Mineralogy and Petrology, 2009, 157, 429-451. | 3.1 | 53 |
| 14 | An experimental study of pyroxenite partial melts at 1 and 1.5GPa: Implications for the major-element composition of Mid-Ocean Ridge Basalts. Earth and Planetary Science Letters, 2009, 288, 335-347. | 4.4 | 122 |
| 15 | No direct contribution of recycled crust in Icelandic basalts. Geochemical Perspectives Letters, 0, , 7-12. | 5.0 | 30 |