

Brian O'Driscoll

List of Publications by Year in descending order

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papers

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citations

1163117

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Cr-spinel Seam Petrogenesis in the Rum Layered Suite, NW Scotland: Cumulate Assimilation and in situ Crystallization in a Deforming Crystal Mush. <i>Journal of Petrology</i> , 2010, 51, 1171-1201.	2.8	95
2	Chemical heterogeneity in the upper mantle recorded by peridotites and chromitites from the Shetland Ophiolite Complex, Scotland. <i>Earth and Planetary Science Letters</i> , 2012, 333-334, 226-237.	4.4	77
3	Rhenium–osmium isotopes and platinum-group elements in the Rum Layered Suite, Scotland: Implications for Cr-spinel seam formation and the composition of the Iceland mantle anomaly. <i>Earth and Planetary Science Letters</i> , 2009, 286, 41-51.	4.4	41
4	Generations of Melt Extraction, Melt–Rock Interaction and High-Temperature Metasomatism Preserved in Peridotites of the \sim 4497 Ma Leka Ophiolite Complex, Norway. <i>Journal of Petrology</i> , 2015, 56, 1797-1828.	2.8	35
5	Emplacement of the Rocche Rosse rhyolite lava flow (Lipari, Aeolian Islands). <i>Bulletin of Volcanology</i> , 2018, 80, 1.	3.0	22
6	Rapid crystallization of precious-metal-mineralized layers in mafic magmatic systems. <i>Nature Geoscience</i> , 2020, 13, 375-381.	12.9	18
7	Incremental Construction of the Unit 10 Peridotite, Rum Eastern Layered Intrusion, NW Scotland. <i>Journal of Petrology</i> , 2017, 58, 137-166.	2.8	17
8	Multi-stage fluid infiltration and metasomatism in supra-subduction zone mantle: evidence from halogens and noble gases in the Leka Ophiolite Complex, Norway. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 307, 258-280.	3.9	10
9	Identification of mantle peridotite as a possible Iapetus ophiolite sliver in south Shetland, Scottish Caledonides. <i>Journal of the Geological Society</i> , 2017, 174, 88-92.	2.1	8
10	Meter-Scale Chemical and Isotopic Heterogeneities in the Oceanic Mantle, Leka Ophiolite Complex, Norway. <i>Journal of Petrology</i> , 2021, 62, .	2.8	5
11	Textural Equilibrium in Magmatic Layers of the Lough Fee Ultramafic Intrusion, NW Connemara, Ireland: Implications for Accumulus Mineral Growth. <i>Irish Journal of Earth Sciences</i> , 2005, 23, 39-45.	0.3	4
12	Lateral variations in the Unit 7–8 boundary zone of the Rum Eastern Layered Intrusion, NW Scotland: implications for the origin and timing of Cr-spinel seam formation. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	3.1	3
13	Timescales of magmatism and metamorphism in the Connemara Caledonides: insights from the thermal aureole of the Dawros–Currywongaun–Doughruagh Complex, western Ireland. <i>Geological Magazine</i> , 2021, 158, 2139-2150.	1.5	0