

Alan E Boudreau

List of Publications by Year in descending order

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all docs

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docs citations

42
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	The Lower Zoneâ€“Critical Zone Transition of the Bushveld Complex: a Quantitative Textural Study. <i>Journal of Petrology</i> , 2004, 45, 1209-1235.	2.8	128
2	The Stillwater Complex, Montana â€“ Overview and the significance of volatiles. <i>Mineralogical Magazine</i> , 2016, 80, 585-637.	1.4	73
3	Quantitative modeling of compaction in the Holyoke flood basalt flow, Hartford Basin, Connecticut. <i>Contributions To Mineralogy and Petrology</i> , 2002, 144, 176-184.	3.1	59
4	Modeling the Merensky Reef, Bushveld Complex, Republic of South Africa. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 431-437.	3.1	56
5	Discordant bodies from olivine-bearing zones III and IV of the Stillwater Complex, Montana - evidence for postcumulus fluid migration and reaction in layered intrusions. <i>Contributions To Mineralogy and Petrology</i> , 1997, 130, 81-92.	3.1	53
6	Igneous Layering in Basaltic Magma Chambers. <i>Springer Geology</i> , 2015, , 75-152.	0.3	49
7	Fluid overpressure in layered intrusions: formation of a breccia pipe in the Eastern Bushveld Complex, Republic of South Africa. <i>Mineralium Deposita</i> , 2003, 38, 356-369.	4.1	47
8	An evaluation of models of apatite compositional variability using apatite from the Middle Banded series of the Stillwater Complex, Montana. <i>Contributions To Mineralogy and Petrology</i> , 1996, 125, 225-236.	3.1	42
9	Crystallization and Degassing in the Basement Sill, McMurdo Dry Valleys, Antarctica. <i>Journal of Petrology</i> , 2007, 48, 1369-1386.	2.8	42
10	The evolution of texture and layering in layered intrusions. <i>International Geology Review</i> , 2011, 53, 330-353.	2.1	40
11	Bubble migration in a compacting crystal-liquid mush. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	40
12	The Lac Des Iles Palladium Deposit, Ontario, Canada part I. The effect of variable alteration on the Offset Zone. <i>Mineralium Deposita</i> , 2014, 49, 625-654.	4.1	35
13	The Lac Des Iles Palladium Deposit, Ontario, Canada. Part II. Halogen variations in apatite. <i>Mineralium Deposita</i> , 2015, 50, 339-355.	4.1	34
14	High-temperature carbonate minerals in the Stillwater Complex, Montana, USA. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 1143-1160.	3.1	33
15	Compositions of pegmatoids beneath the J-M Reef of the Stillwater Complex, Montana, U.S.A.. <i>Chemical Geology</i> , 1994, 113, 245-257.	3.3	27
16	Diffusionâ€“reaction in a thermal gradient: Implications for the genesis of anorthitic plagioclase, high alumina basalt and igneous mineral layering. <i>Earth and Planetary Science Letters</i> , 2005, 237, 829-854.	4.4	22
17	IRIDIUMâ€“a program to model reaction of silicate liquid infiltrating a porous solid assemblage. <i>Computers and Geosciences</i> , 2003, 29, 423-429.	4.2	20
18	The growth of siliceous sinter deposits around high-temperature eruptive hot springs. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 247-248, 1-8.	2.1	20

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19	Metamorphism of thought about igneous rock textures. <i>International Geology Review</i> , 2011, 53, 327-329.	2.1	14
20	Silica accumulation rates for siliceous sinter at Orakei Korako geothermal field, Taupo Volcanic Zone, New Zealand. <i>Geothermics</i> , 2019, 78, 50-61.	3.4	12
21	Formation of Chromitite Seams and Associated Anorthosites in Layered Intrusion by Reactive Volatile-rich Fluid Infiltration. <i>Journal of Petrology</i> , 2021, 62, .	2.8	9
22	The Skaergaard Layered Series.Part III. Non-dynamic Layering. <i>Journal of Petrology</i> , 1997, 38, 1003-1020.	2.8	9
23	The influence of the thick banded series anorthosites on the crystallization of the surrounding rock of the Stillwater Complex, Montana. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	8
24	Examples of Patterns in Igneous Rocks. , 1984, , 299-304.		3
25	Pegmatoids, Pipes and Potholes. , 2019, , 114-139.		2
26	Halogens in Layered Intrusions. , 2019, , 75-100.		1
27	The Effects of Volatiles on Mineral Stability and Volatile Fluxing. , 2019, , 140-155.		1
28	Layered Intrusions. , 2019, , 10-33.		0
29	Generation and Movement of Bubbles and Volatile Fluids in a Crystal-Liquid Mush. , 2019, , 54-74.		0
30	Compaction-Driven Stratigraphic Traps and the Formation of Great Dyke-Type Deposits. , 2019, , 167-190.		0
31	Chromitites. , 2019, , 191-206.		0
32	Isotopic Evidence. , 2019, , 207-223.		0
33	Magmatic Volatiles and Fluids. , 2019, , 34-49.		0
34	Melt and Fluid Inclusion Evidence. , 2019, , 101-113.		0
35	Chromatographic Effects. , 2019, , 156-166.		0
36	Geochemistry of the Platinum-Group Elements. , 2019, , 50-53.		0

#	ARTICLE	IF	CITATIONS
37	Some Objections Considered. , 2019, , 224-231.		0