

Belinda Godel

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,140
citations

516710

16
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

649
citing authors

#	ARTICLE	IF	CITATIONS
1	Platinum-Group Elements in Sulphide Minerals, Platinum-Group Minerals, and Whole-Rocks of the Merensky Reef (Bushveld Complex, South Africa): Implications for the Formation of the Reef. <i>Journal of Petrology</i> , 2007, 48, 1569-1604.	2.8	176
2	Platinum-group elements in sulfide minerals and the whole rocks of the J-M Reef (Stillwater Complex): Implication for the formation of the reef. <i>Chemical Geology</i> , 2008, 248, 272-294.	3.3	121
3	Sulfide-silicate textures in magmatic Ni-Cu-PGE sulfide ore deposits: Disseminated and net-textured ores. <i>American Mineralogist</i> , 2017, 102, 473-506.	1.9	108
4	The location of the chalcophile and siderophile elements in platinum-group element ore deposits (a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 deposits. <i>Chemical Geology</i> , 2008, 248, 295-317.	3.3	106
5	3-D Distribution of Sulphide Minerals in the Merensky Reef (Bushveld Complex, South Africa) and the J-M Reef (Stillwater Complex, USA) and their Relationship to Microstructures Using X-Ray Computed Tomography. <i>Journal of Petrology</i> , 2006, 47, 1853-1872.	2.8	89
6	Platinum ore in three dimensions: Insights from high-resolution X-ray computed tomography. <i>Geology</i> , 2010, 38, 1127-1130.	4.4	63
7	Parental magma composition inferred from trace element in cumulus and intercumulus silicate minerals: An example from the Lower and Lower Critical Zones of the Bushveld Complex, South-Africa. <i>Lithos</i> , 2011, 125, 537-552.	1.4	63
8	Morphology and microstructure of chromite crystals in chromitites from the Merensky Reef (Bushveld Complex, South Africa). <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 1031-1050.	3.1	61
9	Droplets and Bubbles: Solidification of Sulphide-rich Vapour-saturated Orthocumulates in the Norilsk-Talnakh Niâ€“Cuâ€“PGE Ore-bearing Intrusions. <i>Journal of Petrology</i> , 2019, 60, 269-300.	2.8	53
10	Chromite in komatiites: 3D morphologies with implications for crystallization mechanisms. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 173-189.	3.1	42
11	Platinum-Group Element Deposits in Layered Intrusions: Recent Advances in the Understanding of the Ore Forming Processes. <i>Springer Geology</i> , 2015, , 379-432.	0.3	40
12	Relationship between microstructures and grain-scale trace element distribution in komatiite-hosted magmatic sulphide ores. <i>Lithos</i> , 2014, 184-187, 42-61.	1.4	39
13	New constraints on the origin of the Skaergaard intrusion Cuâ€“Pdâ€“Au mineralization: Insights from high-resolution X-ray computed tomography. <i>Lithos</i> , 2014, 190-191, 27-36.	1.4	31
14	Primary cumulus platinum minerals in the Monts de Cristal Complex, Gabon: magmatic microenvironments inferred from high-definition X-ray fluorescence microscopy. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	29
15	Multidisciplinary study of a complex magmatic system: The Savannah Ni-Cu-Co Camp, Western Australia. <i>Ore Geology Reviews</i> , 2020, 117, 103292.	2.7	26
16	Oxide-Sulfide-Melt-Bubble Interactions in Spinel-Rich Taxitic Rocks of the Norilsk-Talnakh Intrusions, Polar Siberia. <i>Economic Geology</i> , 2020, 115, 1305-1320.	3.8	21
17	Parental Magma Composition of the Main Zone of the Bushveld Complex: Evidence from <i>in situ</i> LA-ICP-MS Trace Element Analysis of Silicate Minerals in the Cumulate Rocks. <i>Journal of Petrology</i> , 2019, 60, 359-392.	2.8	16
18	Chromitite layers indicate the existence of large, long-lived, and entirely molten magma chambers. <i>Scientific Reports</i> , 2022, 12, 4092.	3.3	14

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19	Sulfide Ore Formation of the Kalatongke Ni-Cu Deposit as Illustrated by Sulfide Textures. <i>Economic Geology</i> , 2022, 117, 1761-1778.	3.8	11
20	Idiomorphic oikocrysts of clinopyroxene produced by a peritectic reaction within a solidification front of the Bushveld Complex. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	3.1	10
21	Spatial Association Between Platinum Minerals and Magmatic Sulfides Imaged with the Maia Mapper and Implications for the Origin of the Chromite-Sulfide-PGE Association. <i>Canadian Mineralogist</i> , 2021, , .	1.0	10
22	A mechanism for chromite growth in ophiolite complexes: evidence from 3D high-resolution X-ray computed tomography images of chromite grains in Harold's Grave chromitite in the Shetland ophiolite.. <i>Mineralogical Magazine</i> , 2018, 82, 457-470.	1.4	9
23	Mineralogy and geochemistry of atypical reduction spheroids from the Tumblagooda Sandstone, Western Australia. <i>Sedimentology</i> , 2020, 67, 677-698.	3.1	2
24	Corrigendum to "Parental Magma Composition of the Main Zone of the Bushveld Complex: Evidence from in situ LA-ICP-MS Trace Element Analysis of Silicate Minerals in the Cumulate Rocks"™. <i>Journal of Petrology</i> , 2021, 61, .	2.8	0