

Carole Cordier

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Geochemistry of the Society and Pitcairn-Gambier mantle plumes: What they share and do not share. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 306, 362-384.	3.9	6
2	The Ålgleden Ni-Cu-Au deposit: magmatic sulfides in a subduction setting. <i>Mineralium Deposita</i> , 2020, 55, 1173-1196.	4.1	4
3	Carbonated Inheritance in the Eastern Tibetan Lithospheric Mantle: Petrological Evidences and Geodynamic Implications. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008495.	2.5	9
4	A new type of oxidized and pre-irradiated micrometeorite. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 233, 135-158.	3.9	13
5	Noble gases in micrometeorites from the Transantarctic Mountains. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 242, 266-297.	3.9	10
6	Quantitative Modelling of the Apparent Decoupling of Mg# and Ni in Kimberlitic Olivine Margins: a Reply to the Comment on Cordier et Åal. (2015) by A. Moore. <i>Journal of Petrology</i> , 2017, 58, 391-393.	2.8	3
7	The Geochemical Complexity of Kimberlite Rocks and their Olivine Populations: a Reply to the Comment on Cordier et al.(2015) by Andrea Giuliani & Stephen F. Foley. <i>Journal of Petrology</i> , 2016, 57, 927-932.	2.8	5
8	High-precision lead isotopes and stripy plumes: Revisiting the Society chain in French Polynesia. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 189, 236-250.	3.9	15
9	Target-projectile interaction during impact melting at Kamil Crater, Egypt. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 180, 33-50.	3.9	21
10	Microscopic impactor debris in the soil around Kamil crater (Egypt): Inventory, distribution, total mass, and implications for the impact scenario. <i>Meteoritics and Planetary Science</i> , 2015, 50, 382-400.	1.6	12
11	Metasomatism of the Lithospheric Mantle Immediately Precedes Kimberlite Eruption: New Evidence from Olivine Composition and Microstructures. <i>Journal of Petrology</i> , 2015, 56, 1775-1796.	2.8	49
12	Micrometeorites. , 2015, , .		12
13	Shock metamorphism and impact melting in small impact craters on Earth: Evidence from Kamil crater, Egypt. <i>Meteoritics and Planetary Science</i> , 2014, 49, 2175-2200.	1.6	30
14	Oxygen isotopes in cosmic spherules and the composition of the near Earth interplanetary dust complex. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 146, 18-26.	3.9	33
15	Melilite-bearing lavas in Mayotte (France): An insight into the mantle source below the Comores. <i>Lithos</i> , 2014, 208-209, 281-297.	1.4	48
16	Chondritic micrometeorites from the Transantarctic Mountains. <i>Meteoritics and Planetary Science</i> , 2012, 47, 228-247.	1.6	45
17	HED-like cosmic spherules from the Transantarctic Mountains, Antarctica: Major and trace element abundances and oxygen isotopic compositions. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 515-529.	3.9	23
18	Timescale of open-reservoir evolution beneath the south Cleft segment, Juan de Fuca ridge. <i>Mineralogy and Petrology</i> , 2012, 104, 1-14.	1.1	8

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19	Vestoid cosmic spherules from the South Pole Water Well and Transantarctic Mountains (Antarctica): A major and trace element study. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1199-1215.	3.9	30
20	Major, trace element and oxygen isotope study of glass cosmic spherules of chondritic composition: The record of their source material and atmospheric entry heating. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5203-5218.	3.9	39
21	Ordinary chondrite-related giant (>800 μ m) cosmic spherules from the Transantarctic Mountains, Antarctica. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6200-6210.	3.9	24
22	Nickel abundance in stony cosmic spherules: Constraining precursor material and formation mechanisms. <i>Meteoritics and Planetary Science</i> , 2011, 46, 1110-1132.	1.6	27
23	Gebel Kamil: The iron meteorite that formed the Kamil crater (Egypt). <i>Meteoritics and Planetary Science</i> , 2011, 46, 1179-1196.	1.6	42
24	Kamil Crater (Egypt): Ground truth for small-scale meteorite impacts on Earth. <i>Geology</i> , 2011, 39, 179-182.	4.4	52
25	The Kamil Crater in Egypt. <i>Science</i> , 2010, 329, 804-804.	12.6	48
26	Time scales of melt extraction revealed by distribution of lava composition across a ridge axis. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	27
27	Bulk-rock geochemistry and plagioclase zoning in lavas exposed along the northern flank of the Western Blanco Depression (Northeast Pacific): Insight into open-system magma chamber processes. <i>Lithos</i> , 2007, 99, 289-311.	1.4	17
28	A geochemical approach to model periodically replenished magma chambers: Does oscillatory supply account for the magmatic evolution of EPR 17 N° S?. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 4783-4796.	3.9	15
29	Drilling to Gabbro in Intact Ocean Crust. <i>Science</i> , 2006, 312, 1016-1020.	12.6	230
30	Petrogenesis of Coarse-grained Intrusives from Tahiti Nui and Raiatea (Society Islands, French) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302</i>	2.8	17