

# Marco Fiorentini

## List of Publications by Year in descending order

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129  
papers

4,456  
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87888

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128289

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docs citations

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times ranked

2524  
citing authors

#	ARTICLE	IF	CITATIONS
1	An apatite to unravel petrogenic processes of the Nova-Bollinger Ni-Cu magmatic sulfide deposit, Western Australia. <i>Precambrian Research</i> , 2022, 369, 106524.	2.7	3
2	Mobilisation of deep crustal sulfide melts as a first order control on upper lithospheric metallogeny. <i>Nature Communications</i> , 2022, 13, 573.	12.8	23
3	The long-lived fertility signature of Cu-Au porphyry systems: insights from apatite and zircon at Tampakan, Philippines. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	3.1	9
4	Sulfur isotope systematics of granitoids from the Yilgarn Craton sheds new light on the fluid reservoirs of Neoproterozoic orogenic gold deposits. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 326, 199-213.	3.9	11
5	Isotopic investigations of the Nova-Bollinger Ni-Cu deposit in the Fraser Zone, Albany-Fraser Orogen, Western Australia. <i>Australian Journal of Earth Sciences</i> , 2022, 69, 1177-1196.	1.0	4
6	FAULT-INDUCED GOLD SATURATION OF A SINGLE AURIFEROUS FLUID IS A KEY PROCESS FOR OROGENIC GOLD DEPOSIT FORMATION. <i>Economic Geology</i> , 2022, 117, 1405-1414.	3.8	6
7	Siderophile and chalcophile elements in spinels, sulphides and native Ni in strongly metasomatised xenoliths from the Bultfontein kimberlite (South Africa). <i>Lithos</i> , 2021, 380-381, 105880.	1.4	10
8	On the formation of magmatic sulphide systems in the lower crust by long-lived mass transfer through the lithosphere: Insights from the Valmaggia pipe, Ivrea Verbano Zone, Italy. <i>Terra Nova</i> , 2021, 33, 137-149.	2.1	4
9	Integration of multiple sulfur isotopes with structural analysis unveils the evolution of ore fluids and source of sulfur at the Kanowna Belle Archean orogenic gold deposit, Yilgarn Craton, Western Australia. <i>Mineralium Deposita</i> , 2021, 56, 1471-1490.	4.1	15
10	A significant seawater sulfate reservoir at 2.0 Ga determined from multiple sulfur isotope analyses of the Paleoproterozoic Degruusa Cu-Au volcanogenic massive sulfide deposit, Western Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 295, 178-193.	3.9	4
11	Characterization of altered mafic and ultramafic rocks using portable XRF geochemistry and portable Vis-NIR spectrometry. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2021, 21, .	0.9	2
12	Magmatic cannibalisation of a Permo-Triassic Ni-Cu-PGE-(Au-Te) system during the breakup of Pangea: Implications for craton margin metal and volatile transfer in the lower crust. <i>Lithos</i> , 2021, 388-389, 106079.	1.4	1
13	Petrogenesis of Proterozoic alkaline ultramafic rocks in the Yilgarn Craton, Western Australia. <i>Gondwana Research</i> , 2021, 93, 197-217.	6.0	13
14	Multi-stage sulfur and carbon mobility in fossil continental subduction zones: New insights from carbonate-bearing orogenic peridotites. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 306, 143-170.	3.9	1
15	The role of magmatic fluids in the ~3.48 Ga Dresser Caldera, Pilbara Craton: New insights from the geochemical investigation of hydrothermal alteration. <i>Precambrian Research</i> , 2021, 362, 106299.	2.7	9
16	Tracing sulfur sources in the crust via SIMS measurements of sulfur isotopes in apatite. <i>Chemical Geology</i> , 2021, 579, 120242.	3.3	9
17	Sulfur Isotope Constraints on the Petrogenesis of the Kimberley Kimberlites. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009845.	2.5	4
18	The multiple sulfur isotope architecture of the Golden Mile and Mount Charlotte deposits, Western Australia. <i>Mineralium Deposita</i> , 2020, 55, 797-822.	4.1	19

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19	Microchemical and sulfur isotope constraints on the magmatic and hydrothermal evolution of the Black Swan Succession, Western Australia. <i>Mineralium Deposita</i> , 2020, 55, 535-553.	4.1	9
20	Porphyry Cu fertility of the Loch Lilly-Kars Belt, Western New South Wales, Australia. <i>Australian Journal of Earth Sciences</i> , 2020, 67, 75-87.	1.0	2
21	Accumulation of transition metals and metalloids in sulfidized stromatolites of the 3.48 billion-year-old Dresser Formation, Pilbara Craton. <i>Precambrian Research</i> , 2020, 337, 105534.	2.7	19
22	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
23	Subduction-related petrogenesis of Late Archean calc-alkaline lamprophyres in the Yilgarn Craton (Western Australia). <i>Precambrian Research</i> , 2020, 338, 105550.	2.7	29
24	Numerical modeling of post-collisional carbonated alkaline magmatism: Variscan style Orogeny (the Tj ETQq0 0 0 rBT /Overlock 10 Tf 5	1.7	3
25	Sulfidization of 3.48-billion-year-old stromatolites of the Dresser Formation, Pilbara Craton: Constraints from in-situ sulfur isotope analysis of pyrite. <i>Chemical Geology</i> , 2020, 538, 119488.	3.3	19
26	Bushveld superplume drove Proterozoic magmatism and metallogenesis in Australia. <i>Scientific Reports</i> , 2020, 10, 19729.	3.3	18
27	Platinum-group element and Au geochemistry of Late Archean to Proterozoic calc-alkaline and alkaline magmas in the Yilgarn Craton, Western Australia. <i>Lithos</i> , 2020, 374-375, 105716.	1.4	13
28	The petrogenesis of back-arc magmas, constrained by zircon O and Hf isotopes, in the Frontal Cordillera and Precordillera, Argentina. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	3.1	10
29	Fluxing of mantle carbon as a physical agent for metallogenic fertilization of the crust. <i>Nature Communications</i> , 2020, 11, 4342.	12.8	43
30	Formation of micro-spherulitic barite in association with organic matter within sulfidized stromatolites of the 3.48 billion-year-old Dresser Formation, Pilbara Craton. <i>Geobiology</i> , 2020, 18, 415-425.	2.4	16
31	New Magmatic Oxybarometer Using Trace Elements in Zircon. <i>Journal of Petrology</i> , 2020, 61, .	2.8	187
32	The use of pXRF for light element geochemical analysis: a review of hardware design limitations and an empirical investigation of air, vacuum, helium flush and detector window technologies. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2020, 20, 366-380.	0.9	11
33	A metasomatized lithospheric mantle control on the metallogenic signature of post-subduction magmatism. <i>Nature Communications</i> , 2019, 10, 3511.	12.8	108
34	Transition metals in komatiitic olivine: Proxies for mantle composition, redox conditions, and sulfide mineralization potential. <i>American Mineralogist</i> , 2019, 104, 1143-1155.	1.9	10
35	The Eburnean magmatic evolution across the Baoulé-Mossi domain: Geodynamic implications for the West African Craton. <i>Precambrian Research</i> , 2019, 332, 105392.	2.7	18
36	Nano-porous pyrite and organic matter in 3.5-billion-year-old stromatolites record primordial life. <i>Geology</i> , 2019, 47, 1039-1043.	4.4	67

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37	Evidence for dyke-parallel shear during syn-intrusion fracturing. <i>Earth and Planetary Science Letters</i> , 2019, 507, 119-130.	4.4	17
38	Geochemical characterisation of rock hydration processes using t-SNE. <i>Computers and Geosciences</i> , 2019, 124, 46-57.	4.2	20
39	Zircon and monazite petrochronologic record of prolonged amphibolite to granulite facies metamorphism in the Ivrea-Verbanò and Strona-Ceneri Zones, NW Italy. <i>Lithos</i> , 2018, 308-309, 1-18.	1.4	37
40	Investigating sulfur pathways through the lithosphere by tracing mass independent fractionation of sulfur to the Lady Bountiful orogenic gold deposit, Yilgarn Craton. <i>Gondwana Research</i> , 2018, 58, 27-38.	6.0	53
41	Platinum-group element and gold contents of arsenide and sulfarsenide minerals associated with Ni and Au deposits in Archean greenstone belts. <i>Mineralogical Magazine</i> , 2018, 82, 625-647.	1.4	15
42	The Dovyren Intrusive Complex (Southern Siberia, Russia): Insights into dynamics of an open magma chamber with implications for parental magma origin, composition, and Cu-Ni-PGE fertility. <i>Lithos</i> , 2018, 302-303, 242-262.	1.4	28
43	Zircon Hf and O-isotope constraints on the evolution of the Paleoproterozoic Baoulé-Mossi domain of the southern West African Craton. <i>Precambrian Research</i> , 2018, 306, 174-188.	2.7	22
44	Kimberlite-related metasomatism recorded in MARID and PIC mantle xenoliths. <i>Mineralogy and Petrology</i> , 2018, 112, 71-84.	1.1	34
45	Protracted and polyphased gold mineralisation in the Agnew District (Yilgarn Craton, Western Australia). <i>Journal of Metamorphic Geology</i> , 2018, 36, 147-164.	2.7	40
46	Review of Predictive and Detective Exploration Tools for Magmatic Ni-Cu-(PGE) Deposits, With a Focus on Komatiite-Related Systems in Western Australia. <i>Journal of Geochemical Exploration</i> , 2018, 187, 47-78.		1
47	Post-collisional alkaline magmatism as gateway for metal and sulfur enrichment of the continental lower crust. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 223, 175-197.	3.9	65
48	Multiple sulfur isotopes monitor fluid evolution of an Archean orogenic gold deposit. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 222, 436-446.	3.9	75
49	Divergent $\delta^{18}O_2$ paths during crystallisation of H <sub>2</sub> O-rich and H <sub>2</sub> O-poor magmas as recorded by Ce and U in zircon, with implications for Ti and Zr geothermometry. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	35
50	Atmospheric sulfur is recycled to the crystalline continental crust during supercontinent formation. <i>Nature Communications</i> , 2018, 9, 4380.	12.8	22
51	A bigger tent for CAMP. <i>Geology</i> , 2018, 46, 823-826.	4.4	30
52	Three-dimensional Spatially Constrained Sulfur Isotopes Highlight Processes Controlling Sulfur Cycling in the Near Surface of the Iheya North Hydrothermal System, Okinawa Trough. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2798-2812.	2.5	8
53	Genesis of the Paleoproterozoic Ammassalik Intrusive Complex, south-east Greenland. <i>Precambrian Research</i> , 2018, 315, 19-44.	2.7	13
54	Diffusion and solubilities of Rh, Ru and Ir in olivine and spinel. <i>Chemical Geology</i> , 2018, 494, 19-29.	3.3	8

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55	Ruthenium in chromite as indicator for magmatic sulfide liquid equilibration in mafic-ultramafic systems. <i>Ore Geology Reviews</i> , 2018, 97, 152-170.	2.7	16
56	The fluid evolution of the Nimbus Ag-Zn-(Au) deposit: An interplay between mantle plume and microbial activity. <i>Precambrian Research</i> , 2018, 317, 211-229.	2.7	13
57	The role of sulfides in the fractionation of highly siderophile and chalcophile elements during the formation of martian shergottite meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 210, 1-24.	3.9	15
58	Rapid mineralogical and geochemical characterisation of the Fisher East nickel sulphide prospects, Western Australia, using hyperspectral and pXRF data. <i>Ore Geology Reviews</i> , 2017, 90, 371-387.	2.7	16
59	The variability of ruthenium in chromite from chassignite and olivine-phyric shergottite meteorites: New insights into the behavior of PGE and sulfur in Martian magmatic systems. <i>Meteoritics and Planetary Science</i> , 2017, 52, 333-350.	1.6	7
60	Hydrothermal flake graphite mineralisation in Paleoproterozoic rocks of south-east Greenland. <i>Mineralium Deposita</i> , 2017, 52, 769-789.	4.1	18
61	Numerical modelling of erosion and assimilation of sulfur-rich substrate by martian lava flows: Implications for the genesis of massive sulfide mineralization on Mars. <i>Icarus</i> , 2017, 296, 257-274.	2.5	11
62	Primary stratigraphic controls on ore mineral assemblages in the Wannaway komatiite-hosted nickel-sulfide deposit, Kambalda camp, Western Australia. <i>Ore Geology Reviews</i> , 2017, 90, 634-666.	2.7	4
63	Anomalous sulfur isotopes trace volatile pathways in magmatic arcs. <i>Geology</i> , 2017, 45, 419-422.	4.4	28
64	Actively forming Kuroko-type volcanic-hosted massive sulfide (VHMS) mineralization at Iheya North, Okinawa Trough, Japan. <i>Ore Geology Reviews</i> , 2017, 84, 20-41.	2.7	43
65	Primordial light oxygen pockets. <i>Nature Geoscience</i> , 2017, 10, 803-804.	12.9	0
66	Evidence of magmatic degassing in Archean komatiites: Insights from the Wannaway nickel-sulfide deposit, Western Australia. <i>Earth and Planetary Science Letters</i> , 2017, 479, 252-262.	4.4	16
67	The geochronological evolution of the Paleoproterozoic Baoulé-Mossi domain of the Southern West African Craton. <i>Precambrian Research</i> , 2017, 300, 1-27.	2.7	49
68	Evidence of local sourcing of sulfur and gold in an Archaean sediment-hosted gold deposit. <i>Ore Geology Reviews</i> , 2017, 89, 909-930.	2.7	24
69	Detrital zircon geochronology of the Speewah Group, Kimberley region, Western Australia: evidence for intracratonic development of the Paleoproterozoic Speewah Basin. <i>Australian Journal of Earth Sciences</i> , 2017, 64, 419-434.	1.0	7
70	Cu-Ni-PGE fertility of the Yoko-Dovyren layered massif (northern Transbaikalia, Russia): thermodynamic modeling of sulfide compositions in low mineralized dunite based on quantitative sulfide mineralogy. <i>Mineralium Deposita</i> , 2016, 51, 993-1011.	4.1	29
71	Review of lithogeochemical exploration tools for komatiite-hosted Ni-Cu-(PGE) deposits. <i>Journal of Geochemical Exploration</i> , 2016, 168, 1-19.	3.2	15
72	In situ multiple sulfur isotope analysis by SIMS of pyrite, chalcopyrite, pyrrhotite, and pentlandite to refine magmatic ore genetic models. <i>Chemical Geology</i> , 2016, 444, 1-15.	3.3	108

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73	An Elevated Perspective: Dyke-Related Fracture Networks Analysed with Uav Photogrammetry. <i>Acta Geologica Sinica</i> , 2016, 90, 54-55.	1.4	6
74	Sulfur isotope composition of metasomatised mantle xenoliths from the Bultfontein kimberlite (Kimberley, South Africa): Contribution from subducted sediments and the effect of sulfide alteration on S isotope systematics. <i>Earth and Planetary Science Letters</i> , 2016, 445, 114-124.	4.4	43
75	Sulfur and metal fertilization of the lower continental crust. <i>Lithos</i> , 2016, 244, 74-93.	1.4	67
76	On the processes that formed Archaean Ni-Cu sulfide mineralisation in the deep continental crust, Thrym Complex, southeastern Greenland. <i>Precambrian Research</i> , 2016, 277, 68-86.	2.7	7
77	Hydrothermal remobilisation around a deformed and remobilised komatiite-hosted Ni-Cu-(PGE) deposit, Sarah's Find, Agnew Wiluna greenstone belt, Yilgarn Craton, Western Australia. <i>Mineralium Deposita</i> , 2016, 51, 369-388.	4.1	24
78	Crustal evolution of the Paleoproterozoic Birimian terranes of the Baoulé-Mossi domain, southern West African Craton: U-Pb and Hf-isotope studies of detrital zircons. <i>Precambrian Research</i> , 2016, 274, 25-60.	2.7	50
79	Tectono-metallogenic systems – The place of mineral systems within tectonic evolution, with an emphasis on Australian examples. <i>Ore Geology Reviews</i> , 2016, 76, 168-210.	2.7	94
80	Effects of hydrous alteration on the distribution of base metals and platinum group elements within the Kevitsa magmatic nickel sulphide deposit. <i>Ore Geology Reviews</i> , 2016, 72, 128-148.	2.7	36
81	A Hydrothermal Ni-As-PGE Geochemical Halo Around the Miitel Komatiite-Hosted Nickel Sulfide Deposit, Yilgarn Craton, Western Australia. <i>Economic Geology</i> , 2015, 110, 505-530.	3.8	46
82	Did diamond-bearing orangeites originate from MARID-veined peridotites in the lithospheric mantle?. <i>Nature Communications</i> , 2015, 6, 6837.	12.8	78
83	Fluid flux melting generated postcollisional high Sr/Y copper ore-forming water-rich magmas in Tibet. <i>Geology</i> , 2015, 43, 583-586.	4.4	177
84	Palladium complexation in chloride- and bisulfide-rich fluids: Insights from ab initio molecular dynamics simulations and X-ray absorption spectroscopy. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 161, 128-145.	3.9	55
85	Metallogeny of the North Atlantic Craton in Greenland. <i>Mineralogical Magazine</i> , 2015, 79, 815-855.	1.4	8
86	Age constraints of the Wassa and Benso mesothermal gold deposits, Ashanti Belt, Ghana, West Africa. <i>Journal of African Earth Sciences</i> , 2015, 112, 524-535.	2.0	24
87	Crustal evolution, intra-cratonic architecture and the metallogeny of an Archaean craton. <i>Geological Society Special Publication</i> , 2015, 393, 23-80.	1.3	68
88	LIMA U-Pb ages link lithospheric mantle metasomatism to Karoo magmatism beneath the Kimberley region, South Africa. <i>Earth and Planetary Science Letters</i> , 2014, 401, 132-147.	4.4	41
89	Archean komatiite volcanism controlled by the evolution of early continents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10083-10088.	7.1	125
90	Mineralogical hosts of platinum group elements (PGE) and rhenium in the magmatic Ni-Fe-Cu sulfide deposits of the Ivrea Verbano Zone (Italy): An electron microprobe study. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2014, 191, 169-187.	0.3	15

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91	Use and calibration of portable X-Ray fluorescence analysers: application to lithochemical exploration for komatiite-hosted nickel sulphide deposits. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2014, 14, 199-209.	0.9	41
92	Stable isotope (C, O, S) compositions of volatile-rich minerals in kimberlites: A review. <i>Chemical Geology</i> , 2014, 374-375, 61-83.	3.3	81
93	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
94	The capacity of hydrous fluids to transport and fractionate incompatible elements and metals within the Earth's mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2241-2253.	2.5	48
95	Geochemical and isotopic constraints on the genesis of the Jueluotage native copper mineralized basalt, Eastern Tianshan, Northwest China. <i>Journal of Asian Earth Sciences</i> , 2013, 73, 317-333.	2.3	34
96	Spatial Variation in Platinum Group Element Concentrations in Ore-Bearing Komatiite at the Long-Victor Deposit, Kambalda Dome, Western Australia: Enlarging the Footprint of Nickel Sulfide Orebodies. <i>Economic Geology</i> , 2013, 108, 913-933.	3.8	34
97	Partial melting of the Archaean Thrym Complex of southeastern Greenland. <i>Lithos</i> , 2013, 160-161, 164-182.	1.4	10
98	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
99	Chromite in komatiites: 3D morphologies with implications for crystallization mechanisms. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 173-189.	3.1	42
100	Ruthenium Variation in Chromite from Komatiites and Komatiitic Basalts--A Potential Mineralogical Indicator for Nickel Sulfide Mineralization. <i>Economic Geology</i> , 2013, 108, 355-364.	3.8	45
101	Multiple Sulfur and Iron Isotope Composition of Magmatic Ni-Cu-(PGE) Sulfide Mineralization from Eastern Botswana. <i>Economic Geology</i> , 2012, 107, 105-116.	3.8	71
102	Maggie Hays Ni Deposit: Part 2. Nickel Mineralization and the Spatial Distribution of PGE Ore-Forming Signatures in the Maggie Hays Ni System, Lake Johnston Greenstone Belt, Western Australia. <i>Economic Geology</i> , 2012, 107, 817-833.	3.8	18
103	Maggie Hays Ni Deposit: Part 1. Stratigraphic Controls on the Style of Komatiite Emplacement in the 2.9 Ga Lake Johnston Greenstone Belt, Yilgarn Craton, Western Australia. <i>Economic Geology</i> , 2012, 107, 797-816.	3.8	15
104	Structural evolution of the Agnew-Wiluna greenstone belt, Eastern Yilgarn Craton and implications for komatiite-hosted Ni sulfide exploration. <i>Australian Journal of Earth Sciences</i> , 2012, 59, 765-791.	1.0	28
105	Spatio-temporal constraints on lithospheric development in the southwest-central Yilgarn Craton, Western Australia. <i>Australian Journal of Earth Sciences</i> , 2012, 59, 625-656.	1.0	43
106	Komatiites of the Wildara-Leonora Belt, Yilgarn Craton, WA: The missing link in the Kalgoorlie Terrane?. <i>Precambrian Research</i> , 2012, 196-197, 234-246.	2.7	15
107	Komatiite Magmas and Sulfide Nickel Deposits: A Comparison of Variably Endowed Archean Terranes. <i>Economic Geology</i> , 2012, 107, 755-780.	3.8	92
108	Evidence of water degassing during emplacement and crystallization of 2.7 Ga komatiites from the Agnew-Wiluna greenstone belt, Western Australia. <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 143-155.	3.1	10

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109	Platinum group element and nickel sulphide ore tenors of the Mount Keith nickel deposit, Yilgarn Craton, Australia. <i>Mineralium Deposita</i> , 2012, 47, 129-150.	4.1	32
110	Geology and controls on mineralisation in the Eastern Goldfields region, Yilgarn Craton, Western Australia. <i>Episodes</i> , 2012, 35, 273-282.	1.2	11
111	Global Variability in the Platinum-group Element Contents of Komatiites. <i>Journal of Petrology</i> , 2011, 52, 83-112.	2.8	75
112	Ruthenium in komatiitic chromite. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 3645-3661.	3.9	105
113	Extremely Ni-rich Fe-Ni sulfide assemblages in komatiitic dunite at Betheno, Western Australia: results from synchrotron X-ray fluorescence mapping. <i>Australian Journal of Earth Sciences</i> , 2011, 58, 691-709.	1.0	37
114	Evidence of a mantle contribution in the genesis of magmatic rocks from the Neogene Batu Hijau district in the Sunda Arc, South Western Sumbawa, Indonesia. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 819-837.	3.1	22
115	Platinum Group Element Geochemistry of Mineralized and Nonmineralized Komatiites and Basalts. <i>Economic Geology</i> , 2010, 105, 795-823.	3.8	76
116	Contrasting komatiite belts, associated Ni-Cu (PGE) deposit styles and assimilation histories. <i>Australian Journal of Earth Sciences</i> , 2010, 57, 543-566.	1.0	22
117	Atmospheric Sulfur in Archean Komatiite-Hosted Nickel Deposits. <i>Science</i> , 2009, 326, 1086-1089.	12.6	152
118	Progressive mixing of meteoritic veneer into the early Earth's deep mantle. <i>Nature</i> , 2009, 460, 620-623.	27.8	153
119	Anomalous Sulfur-Poor Platinum Group Element Mineralization in Komatiitic Cumulates, Mount Clifford, Western Australia. <i>Economic Geology</i> , 2009, 104, 841-855.	3.8	15
120	Role of volatiles and metasomatized subcontinental lithospheric mantle in the genesis of magmatic Ni-Cu-PGE mineralization: insights from <i>in situ</i> H, Li, B analyses of hydromagmatic phases from the Valmaggia ultramafic pipe, Ivrea-Verbanò Zone (NW Italy). <i>Terra Nova</i> , 2008, 20, 333-340.	2.1	16
121	Iridium, ruthenium and rhodium in komatiites: Evidence for iridium alloy saturation. <i>Chemical Geology</i> , 2008, 257, 44-58.	3.3	113
122	Three-dimensional morphology of magmatic sulfides sheds light on ore formation and sulfide melt migration. <i>Geology</i> , 2008, 36, 655.	4.4	50
123	RUTHENIUM-CHROMIUM VARIATION: A NEW LITHOGEOCHEMICAL TOOL IN THE EXPLORATION FOR KOMATIITE-HOSTED Ni-Cu-(PGE) DEPOSITS. <i>Economic Geology</i> , 2008, 103, 431-437.	3.8	25
124	Controls on the genesis and emplacement of komatiite-hosted Ni-Cu-PGE-sulphides at Albion Downs (Agnew-Wiluna Belt, Western Australia): a case study on the development of PGE lithogeochemical vectors to Ni-Cu-PGE-sulphide deposits. <i>Transactions of the Institution of Mining and Metallurgy Section B-Applied Earth Science</i> , 2007, 116, 152-166.	0.8	8
125	Atypical stratiform sulfide-poor platinum-group element mineralisation in the Agnew-Wiluna Belt komatiites, Wiluna, Western Australia. <i>Australian Journal of Earth Sciences</i> , 2007, 54, 801-824.	1.0	22
126	Internal stratigraphic architecture of the komatiitic dunite-hosted MKD5 disseminated nickel sulfide deposit, Mount Keith Domain, Agnew-Wiluna Greenstone Belt, Western Australia. <i>Mineralium Deposita</i> , 2007, 42, 821-845.	4.1	31



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127	Controls on the emplacement and genesis of the MKD5 and Sarah's Find Ni-Cu-PGE deposits, Mount Keith, Agnew-Wiluna Greenstone Belt, Western Australia. <i>Mineralium Deposita</i> , 2007, 42, 847-877.	4.1	33
128	Platinum-group element alloy inclusions in chromites from Archaean mafic-ultramafic units: evidence from the Abitibi and the Agnew-Wiluna Greenstone Belts. <i>Mineralogy and Petrology</i> , 2004, 82, 341-355.	1.1	60
129	Atmospheric sulfur in the orogenic gold deposits of the Archean Yilgarn Craton, Australia. <i>Geology</i> , 0, , G39018.1.	4.4	8