## Nigel J Cook

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Carbonates at the supergiant Olypmic Dam Cu-U-Au-Ag deposit, South Australia part 2: Sm-Nd, Lu-Hf and Sr-Pb isotope constraints on the chronology of carbonate deposition. Ore Geology Reviews, 2022, 140, 103745.	2.7	9
2	Physicochemical constraints on indium-, tin-, germanium-, gallium-, gold-, and tellurium-bearing mineralizations in the Pefka and St Philippos polymetallic vein- and breccia-type deposits, Greece. Ore Geology Reviews, 2022, 140, 104348.	2.7	13
3	Evolution of a hydrothermal ore-forming system recorded by sulfide mineral chemistry: a case study from the Plaka Pb–Zn–Ag Deposit, Lavrion, Greece. Mineralium Deposita, 2022, 57, 417-438.	4.1	38
4	Intracrystalline migration of polymetallic Au-rich melts in multistage hydrothermal systems: example from the Xiaoqinling lode gold district, central China. Mineralium Deposita, 2022, 57, 147-154.	4.1	7
5	Skarn-style alteration in Proterozoic metasedimentary protoliths hosting IOCG mineralization: the Island Dam Prospect, South Australia. Mineralium Deposita, 2022, 57, 1227-1250.	4.1	2
6	Textural and geochemical analysis of celestine and sulfides constrain Sr-(Pb-Zn) mineralization in the Shizilishan deposit, eastern China. Ore Geology Reviews, 2022, 144, 104814.	2.7	5
7	Indium distribution in sphalerite from sulfide–oxide–silicate skarn assemblages: a case study of the Dulong Zn–Sn–In deposit, Southwest China. Mineralium Deposita, 2021, 56, 307-324.	4.1	53
8	A Synthetic Haematite Reference Material for LAâ€ICPâ€MS Uâ€Pb Geochronology and Application to Iron Oxideâ€Cuâ€Au Systems. Geostandards and Geoanalytical Research, 2021, 45, 143-159.	3.1	3
9	The dynamic uptake of lead and its radionuclides by natural and synthetic aluminium-phosphate-sulfates. Minerals Engineering, 2021, 160, 106659.	4.3	8
10	Understanding the mobility and retention of uranium and its daughter products. Journal of Hazardous Materials, 2021, 410, 124553.	12.4	9
11	Tracking dynamic hydrothermal processes: Textures, in-situ Sr-Nd isotopes, and trace-element analysis of scheelite from the Yangjiashan vein-type W deposit, South China. American Mineralogist, 2021, 106, 1987-2002.	1.9	17
12	Phase relationships in the system ZnS-CuInS2: Insights from a nanoscale study of indium-bearing sphalerite. American Mineralogist, 2021, 106, 192-205.	1.9	15
13	Quantification of radionuclide distribution and migration during Cu-(Fe)-sulphide mineral processing by alpha particle autoradiography. Journal of Environmental Radioactivity, 2021, 228, 106514.	1.7	0
14	Au-Ag-Te–RICH MELT INCLUSIONS IN HYDROTHERMAL GOLD-QUARTZ VEINS, XIAOQINLING LODE GOLD DISTRICT, CENTRAL CHINA. Economic Geology, 2021, 116, 1239-1248.	3.8	27
15	Gamma-enhancement of reflected light images: A rapid, effective tool for assessment of compositional heterogeneity in pyrite. American Mineralogist, 2021, 106, 497-505.	1.9	4
16	Selective radionuclide co-sorption onto natural minerals in environmental and anthropogenic conditions. Journal of Hazardous Materials, 2021, 409, 124989.	12.4	10
17	Ferro-tschermakite with polysomatic chain-width disorder identified in silician magnetite from Wirrda Well, South Australia: a HAADF STEM study. American Mineralogist, 2021, , .	1.9	2
18	Localised solution environments drive radionuclide fractionation in uraninite. Journal of Hazardous Materials, 2021, 412, 125192.	12.4	4

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19	Development and Application of Synthetic Hematite Reference Material for U-Pb Geochronology. Microscopy and Microanalysis, 2021, 27, 2742-2745.	0.4	0
20	Staged formation of the supergiant Olympic Dam uranium deposit, Australia. Geology, 2021, 49, 1312-1316.	4.4	14
21	The Mixed-Layer Structures of Ikunolite, Laitakarite, Joséite-B and Joséite-A. Minerals (Basel,) Tj ETQq1 1 0.78	4314 rgB1 2.0	[ /Qverlock
22	Nanomineralogy of hydrothermal magnetite from Acropolis, South Australia: Genetic implications for iron-oxide copper gold mineralization. American Mineralogist, 2021, 106, 1273-1293.	1.9	10
23	Bi8Te3, the 11-Atom Layer Member of the Tetradymite Homologous Series. Minerals (Basel, Switzerland), 2021, 11, 980.	2.0	4
24	Complementary Textural, Trace Element, and Isotopic Analyses of Sulfides Constrain Ore-Forming Processes for the Slate-Hosted Yuhengtang Au Deposit, South China. Economic Geology, 2021, 116, 1825-1848.	3.8	35
25	Metallic-Pb nanospheres in zircon from the Challenger Au deposit, South Australia: probing metamorphic and ore formation histories. Mineralogical Magazine, 2021, 85, 868-878.	1.4	0
26	Defining early stages of IOCG systems: evidence from iron oxides in the outer shell of the Olympic Dam deposit, South Australia. Mineralium Deposita, 2020, 55, 429-452.	4.1	28
27	The tetrahedrite group: Nomenclature and classification. American Mineralogist, 2020, 105, 109-122.	1.9	76
28	Radionuclide distributions in Olympic Dam copper concentrates: The significance of minor hosts, incorporation mechanisms, and the role of mineral surfaces. Minerals Engineering, 2020, 148, 106176.	4.3	17
29	Episodic mafic magmatism in the Eyre Peninsula: Defining syn- and post-depositional BIF environments for iron deposits in the Middleback Ranges, South Australia. Precambrian Research, 2020, 337, 105535.	2.7	2
30	Micron- to nanoscale characterisation and U-Pb geochronology of zircon from granites of the Samphire Pluton, South Australia. Precambrian Research, 2020, 350, 105924.	2.7	0
31	Carbonates at the supergiant Olympic Dam Cu-U-Au-Ag deposit, South Australia. Part 1: Distribution, textures, associations and stable isotope (C, O) signatures. Ore Geology Reviews, 2020, 126, 103775.	2.7	4
32	OPENING THE MAGMATIC-HYDROTHERMAL WINDOW: HIGH-PRECISION U-Pb GEOCHRONOLOGY OF THE MESOPROTEROZOIC OLYMPIC DAM Cu-U-Au-Ag DEPOSIT, SOUTH AUSTRALIA. Economic Geology, 2020, 115, 1855-1870.	3.8	34
33	ARSENIC-INDUCED DOWNSHIFT OF RAMAN BAND POSITIONS FOR PYRITE. Economic Geology, 2020, 115, 1589-1600.	3.8	7
34	Halogens in hydrothermal sphalerite record origin of ore-forming fluids. Geology, 2020, 48, 766-770.	4.4	21
35	Trace-element remobilisation from W–Sn–U–Pb zoned hematite: Nanoscale insights into a mineral geochronometer behaviour during interaction with fluids. Mineralogical Magazine, 2020, 84, 502-516.	1.4	7
36	Numerical modelling of rare earth element fractionation trends in garnet: a tool to monitor skarn evolution. Contributions To Mineralogy and Petrology, 2020, 175, 1.	3.1	10

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37	A Mineralisation Age for the Sediment-Hosted Blackbush Uranium Prospect, North-Eastern Eyre Peninsula, South Australia. Minerals (Basel, Switzerland), 2020, 10, 191.	2.0	1
38	Coupled Substitutions of Minor and Trace Elements in Co-Existing Sphalerite and Wurtzite. Minerals (Basel, Switzerland), 2020, 10, 147.	2.0	19
39	Multivariate Statistical Analysis of Trace Elements in Pyrite: Prediction, Bias and Artefacts in Defining Mineral Signatures. Minerals (Basel, Switzerland), 2020, 10, 61.	2.0	14
40	~1760ÂMa magnetite-bearing protoliths in the Olympic Dam deposit, South Australia: Implications for ore genesis and regional metallogeny. Ore Geology Reviews, 2020, 118, 103337.	2.7	6
41	Rapid, competitive radium uptake in strontium, barium, and lead sulfates during sulfuric acid leaching. Applied Geochemistry, 2020, 115, 104549.	3.0	11
42	Textures and trace element signatures of pyrite and arsenopyrite from the Gutaishan Au–Sb deposit, South China. Mineralium Deposita, 2019, 54, 591-610.	4.1	38
43	In situ spatial distribution mapping of radionuclides in minerals by nanoSIMS. Geochemistry: Exploration, Environment, Analysis, 2019, 19, 245-254.	0.9	11
44	Crystals from the Powellite-Scheelite Series at the Nanoscale: A Case Study from the Zhibula Cu Skarn, Gangdese Belt, Tibet. Minerals (Basel, Switzerland), 2019, 9, 340.	2.0	14
45	Mineralization-alteration footprints in the Olympic Dam IOCG district, South Australia: The Acropolis prospect. Journal of Geochemical Exploration, 2019, 205, 106333.	3.2	14
46	Zircon at the Nanoscale Records Metasomatic Processes Leading to Large Magmatic–Hydrothermal Ore Systems. Minerals (Basel, Switzerland), 2019, 9, 364.	2.0	15
47	Trace element substitution and grain-scale compositional heterogeneity in enargite. Ore Geology Reviews, 2019, 111, 103004.	2.7	10
48	Copper-Arsenic Nanoparticles in Hematite: Fingerprinting Fluid-Mineral Interaction. Minerals (Basel,) Tj ETQq0 0	D rgBT /Ov	erlock 10 Tf 5
49	Polytypism and Polysomatism in Mixed-Layer Chalcogenides: Characterization of PbBi4Te4S3 and Inferences for Ordered Phases in the Aleksite Series. Minerals (Basel, Switzerland), 2019, 9, 628.	2.0	8
50	Scheelite geochemistry in porphyry-skarn W-Mo systems: A case study from the Gaojiabang Deposit, East China. Ore Geology Reviews, 2019, 113, 103084.	2.7	25
51	Intermobility of barium, strontium, and lead in chloride and sulfate leach solutions. Geochemical Transactions, 2019, 20, 4.	0.7	3
52	Nanoscale Study of Titanomagnetite from the Panzhihua Layered Intrusion, Southwest China: Multistage Exsolutions Record Ore Formation. Minerals (Basel, Switzerland), 2019, 9, 513.	2.0	7
53	Hematite geochemistry and geochronology resolve genetic and temporal links among iron-oxide copper gold systems, Olympic Dam district, South Australia. Precambrian Research, 2019, 335, 105480.	2.7	22

54Radionuclide-bearing minerals in Olympic Dam copper concentrates. Hydrometallurgy, 2019, 190, 105153.4.310

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55	Petrographic and geochronological constraints on the granitic basement to the Middleback Ranges, South Australia. Precambrian Research, 2019, 324, 170-193.	2.7	6
56	Silician Magnetite: Si–Fe-Nanoprecipitates and Other Mineral Inclusions in Magnetite from the Olympic Dam Deposit, South Australia. Minerals (Basel, Switzerland), 2019, 9, 311.	2.0	27
57	Rare Earth Element Phosphate Minerals from the Olympic Dam Cu-U-Au-Ag Deposit, South Australia: Recognizing Temporal-Spatial Controls On Ree Mineralogy in an Evolved IOCG System. Canadian Mineralogist, 2019, 57, 3-24.	1.0	15
58	Crystal chemistry of titanite from the Roxby Downs Granite, South Australia: insights into petrogenesis, subsolidus evolution and hydrothermal alteration. Contributions To Mineralogy and Petrology, 2019, 174, 1.	3.1	22
59	Detection of Trace Elements/Isotopes in Olympic Dam Copper Concentrates by nanoSIMS. Minerals (Basel, Switzerland), 2019, 9, 336.	2.0	16
60	Chessboard structures: Atom-scale imaging of homologs from the kobellite series. American Mineralogist, 2019, 104, 459-462.	1.9	4
61	Mineralogy of Zirconium in Iron-Oxides: A Micron- to Nanoscale Study of Hematite Ore from Peculiar Knob, South Australia. Minerals (Basel, Switzerland), 2019, 9, 244.	2.0	9
62	Trace element distributions in (Cu)-Pb-Sb sulfosalts from the Gutaishan Au-Sb deposit, South China: Implications for formation of high fineness native gold. American Mineralogist, 2019, 104, 425-437.	1.9	11
63	A multi-technique evaluation of hydrothermal hematite U Pb isotope systematics: Implications for ore deposit geochronology. Chemical Geology, 2019, 513, 54-72.	3.3	36
64	Uptake of trace elements by baryte during copper ore processing: A case study from Olympic Dam, South Australia. Minerals Engineering, 2019, 135, 83-94.	4.3	13
65	Synthesis of U-Pb doped hematite using a hydrated ferric oxide approach. Journal of Crystal Growth, 2019, 513, 48-57.	1.5	3
66	Gold behavior in intermediate sulfidation epithermal systems: A case study from the Zhengguang gold deposit, Heilongjiang Province, NE-China. Ore Geology Reviews, 2019, 106, 446-462.	2.7	15
67	Mineralization signatures of the magnetite-dominant Acropolis prospect, Olympic Dam IOCG district, South Australia. ASEG Extended Abstracts, 2019, 2019, 1-5.	0.1	0
68	REE-, Sr-, Ca-aluminum-phosphate-sulfate minerals of the alunite supergroup and their role as hosts for radionuclides. American Mineralogist, 2019, 104, 1806-1819.	1.9	16
69	Editorial for Special Issue "Minerals Down to the Nanoscale: A Glimpse at Ore-Forming Processes― Minerals (Basel, Switzerland), 2019, 9, 692.	2.0	2
70	Defining IOCG signatures through compositional data analysis: A case study of lithogeochemical zoning from the Olympic Dam deposit, South Australia. Ore Geology Reviews, 2019, 105, 86-101.	2.7	26
71	Insights into magma histories through silicate-oxide crystal clusters: Linking the Hiltaba Suite intrusive rocks to the Gawler Range Volcanics, Gawler Craton, South Australia. Precambrian Research, 2019, 321, 103-122.	2.7	3
72	Iron-oxides constrain BIF evolution in terranes with protracted geological histories: The Iron Count prospect, Middleback Ranges, South Australia. Lithos, 2019, 324-325, 20-38.	1.4	12

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73	Mineralogical, textural, sulfur and lead isotope constraints on the origin of Ag-Pb-Zn mineralization at Bianjiadayuan, Inner Mongolia, NE China. Mineralium Deposita, 2019, 54, 47-66.	4.1	59
74	Trace elements in hydrothermal chalcopyrite. Mineralogical Magazine, 2018, 82, 59-88.	1.4	115
75	Discrimination and Variance Structure of Trace Element Signatures in Fe-Oxides: A Case Study of BIF-Mineralisation from the Middleback Ranges, South Australia. Mathematical Geosciences, 2018, 50, 381-415.	2.4	16
76	Petrography and trace element signatures of iron-oxides in deposits from the Middleback Ranges, South Australia: From banded iron formation to ore. Ore Geology Reviews, 2018, 93, 337-360.	2.7	17
77	Critical-metal mineralogy and ore genesis: contributions from the European Mineralogical Conference held in Rimini, September 2016. Mineralogical Magazine, 2018, 82, S1-S4.	1.4	2
78	Iron isotope behavior during fluid/rock interaction in K-feldspar alteration zone – A model for pyrite in gold deposits from the Jiaodong Peninsula, East China. Geochimica Et Cosmochimica Acta, 2018, 222, 94-116.	3.9	50
79	Rare earth element geochemistry of feldspars: examples from Fe-oxide Cu-Au systems in the Olympic Cu-Au Province, South Australia. Mineralogy and Petrology, 2018, 112, 145-172.	1.1	13
80	Petrography and geochemistry of granitoids from the Samphire Pluton, South Australia: Implications for uranium mineralisation in overlying sediments. Lithos, 2018, 300-301, 1-19.	1.4	8
81	Mineralogical, Fluid Inclusion, and Multiple Isotope (H-O-S-Pb) Constraints on the Genesis of the Sandaowanzi Epithermal Au-Ag-Te Deposit, NE China. Economic Geology, 2018, 113, 1359-1382.	3.8	60
82	Nanoscale study of lamellar exsolutions in clinopyroxene from olivine gabbro: recording crystallization sequences in iron-rich layered intrusions. American Mineralogist, 2018, , .	1.9	1
83	Nanoscale Study of Clausthalite-Bearing Symplectites in Cu-Au-(U) Ores: Implications for Ore Genesis. Minerals (Basel, Switzerland), 2018, 8, 67.	2.0	18
84	Textural and trace element evolution of pyrite during greenschist facies metamorphic recrystallization in the southern Apuan Alps (Tuscany, Italy): Influence on the formation of Tl-rich sulfosalt melt. Ore Geology Reviews, 2018, 102, 59-105.	2.7	63
85	Feldspar mineralogy and rare-earth element (re)mobilization in iron-oxide copper gold systems from South Australia: a nanoscale study. Mineralogical Magazine, 2018, 82, S173-S197.	1.4	26
86	210Pb and 210Po in Geological and Related Anthropogenic Materials: Implications for Their Mineralogical Distribution in Base Metal Ores. Minerals (Basel, Switzerland), 2018, 8, 211.	2.0	32
87	Numerical Modeling of REE Fractionation Patterns in Fluorapatite from the Olympic Dam Deposit (South Australia). Minerals (Basel, Switzerland), 2018, 8, 342.	2.0	25
88	Precise geochronological constraints on the origin, setting and incorporation of ca. 1.59†Ga surficial facies into the Olympic Dam Breccia Complex, South Australia. Precambrian Research, 2018, 315, 162-178.	2.7	35
89	Bismuth. Encyclopedia of Earth Sciences Series, 2018, , 153-155.	0.1	0
90	Effects of hydrothermal alteration on mafic lithologies at the Olympic Dam Cu-U-Au-Ag deposit. Precambrian Research, 2017, 292, 305-322.	2.7	5

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91	NANO- TO MICRON-SCALE PARTICULATE GOLD HOSTED BY MAGNETITE: A PRODUCT OF GOLD SCAVENGING BY BISMUTH MELTS. Economic Geology, 2017, 112, 993-1010.	3.8	50
92	Sulfur isotope fractionation in pyrite during laser ablation: Implications for laser ablation multiple collector inductively coupled plasma mass spectrometry mapping. Chemical Geology, 2017, 450, 223-234.	3.3	77
93	Petrography and trace element signatures in silicates and Fe–Ti-oxides from the Lanjiahuoshan deposit, Panzhihua layered intrusion, Southwest China. Lithos, 2017, 294-295, 164-183.	1.4	17
94	Textures and U-W-Sn-Mo signatures in hematite from the Olympic Dam Cu-U-Au-Ag deposit, South Australia: Defining the archetype for IOCG deposits. Ore Geology Reviews, 2017, 91, 173-195.	2.7	54
95	The Wirrda Well and Acropolis prospects, Gawler Craton, South Australia: Insights into evolving fluid conditions through apatite chemistry. Journal of Geochemical Exploration, 2017, 181, 276-291.	3.2	34
96	Linking Olympic Dam and the Cariewerloo Basin: Was a sedimentary basin involved in formation of the world's largest uranium deposit?. Precambrian Research, 2017, 300, 168-180.	2.7	21
97	Feldspar evolution in the Roxby Downs Granite, host to Fe-oxide Cu-Au-(U) mineralisation at Olympic Dam, South Australia. Ore Geology Reviews, 2017, 80, 838-859.	2.7	44
98	Ore minerals down to the nanoscale: Cu-(Fe)-sulphides from the iron oxide copper gold deposit at Olympic Dam, South Australia. Ore Geology Reviews, 2017, 81, 1218-1235.	2.7	38
99	Chemical and textural interpretation of late-stage coffinite and brannerite from the Olympic Dam IOCG-Ag-U deposit. Mineralogical Magazine, 2017, 81, 1323-1366.	1.4	34
100	Advances and Opportunities in Ore Mineralogy. Minerals (Basel, Switzerland), 2017, 7, 233.	2.0	36
101	Rare Earth Element Fluorocarbonate Minerals from the Olympic Dam Cu-U-Au-Ag Deposit, South Australia. Minerals (Basel, Switzerland), 2017, 7, 202.	2.0	26
102	Minor and Trace Elements in Natural Tetrahedrite-Tennantite: Effects on Element Partitioning among Base Metal Sulphides. Minerals (Basel, Switzerland), 2017, 7, 17.	2.0	46
103	Rare Earth Element Behaviour in Apatite from the Olympic Dam Cu–U–Au–Ag Deposit, South Australia. Minerals (Basel, Switzerland), 2017, 7, 135.	2.0	48
104	Short-Range Stacking Disorder in Mixed-Layer Compounds: A HAADF STEM Study of Bastnäte-Parisite Intergrowths. Minerals (Basel, Switzerland), 2017, 7, 227.	2.0	25
105	EARLY, DEEP MAGNETITE-FLUORAPATITE MINERALIZATION AT THE OLYMPIC DAM Cu-U-Au-Ag DEPOSIT, SOUTH AUSTRALIA*. Economic Geology, 2017, 112, 1531-1542.	3.8	46
106	Mapping of Sulfur Isotopes and Trace Elements in Sulfides by LA-(MC)-ICP-MS: Potential Analytical Problems, Improvements and Implications. Minerals (Basel, Switzerland), 2016, 6, 110.	2.0	68
107	Focused Ion Beam and Advanced Electron Microscopy for Minerals: Insights and Outlook from Bismuth Sulphosalts. Minerals (Basel, Switzerland), 2016, 6, 112.	2.0	30
108	Matrix-Matched Iron-Oxide Laser Ablation ICP-MS U–Pb Geochronology Using Mixed Solution Standards. Minerals (Basel, Switzerland), 2016, 6, 85.	2.0	34

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109	Trace Element Analysis of Minerals in Magmatic-Hydrothermal Ores by Laser Ablation Inductively-Coupled Plasma Mass Spectrometry: Approaches and Opportunities. Minerals (Basel,) Tj ETQq1 1 0.78	34 <b>2.0</b> 4 rgB⁻	Г <b>‡⊕</b> 9erlock
110	Matrix effects in Pb/U measurements during LA-ICP-MS analysis of the mineral apatite. Journal of Analytical Atomic Spectrometry, 2016, 31, 1206-1215.	3.0	71
111	Bismuth. Encyclopedia of Earth Sciences Series, 2016, , 1-3.	0.1	0
112	Apatite at Olympic Dam, South Australia: A petrogenetic tool. Lithos, 2016, 262, 470-485.	1.4	52
113	Selective leaching of penalty elements from copper concentrates: A review. Minerals Engineering, 2016, 98, 110-121.	4.3	67
114	Skarn formation and trace elements in garnet and associated minerals from Zhibula copper deposit, Gangdese Belt, southern Tibet. Lithos, 2016, 262, 213-231.	1.4	65
115	Chemical zoning and lattice distortion in uraninite from Olympic Dam, South Australia. American Mineralogist, 2016, 101, 2351-2354.	1.9	21
116	Replacement of Uraninite By Bornite <i>Via</i> Coupled Dissolution-Reprecipitation: Evidence From Texture and Microstructure. Canadian Mineralogist, 2016, 54, 1369-1383.	1.0	16
117	Olivine-phyric basalt in the Mesoproterozoic Gawler silicic large igneous province, South Australia: Examples at the Olympic Dam Iron Oxide Cu–U–Au–Ag deposit and other localities. Precambrian Research, 2016, 281, 185-199.	2.7	37
118	Uraninite from the Olympic Dam IOCG-U-Ag deposit: Linking textural and compositional variation to temporal evolution. American Mineralogist, 2016, 101, 1295-1320.	1.9	55
119	Postmagmatic magnetite–apatite assemblage in mafic intrusions: a case study of dolerite at Olympic Dam, South Australia. Contributions To Mineralogy and Petrology, 2016, 171, 1.	3.1	15
120	Mineralogy and geochemistry of indium-bearing polymetallic veins in the Sarvlaxviken area, Lovisa, Finland. Ore Geology Reviews, 2016, 75, 206-219.	2.7	18
121	Partitioning of trace elements in co-crystallized sphalerite–galena–chalcopyrite hydrothermal ores. Ore Geology Reviews, 2016, 77, 97-116.	2.7	166
122	Characteristics, origin and significance of Mesoproterozoic bedded clastic facies at the Olympic Dam Cu–U–Au–Ag deposit, South Australia. Precambrian Research, 2016, 276, 85-100.	2.7	21
123	Uranium and Sm isotope studies of the supergiant Olympic Dam Cu–Au–U–Ag deposit, South Australia. Geochimica Et Cosmochimica Acta, 2016, 180, 15-32.	3.9	35
124	Multi-stage enrichment processes for large gold-bearing ore deposits. Ore Geology Reviews, 2016, 76, 268-279.	2.7	57
125	Mineralogy of tin-sulfides in the Zijinshan porphyry–epithermal system, Fujian Province, China. Ore Geology Reviews, 2016, 72, 682-698.	2.7	27

126 Distribution and Substitution Mechanism of Ge in a Ge-(Fe)-Bearing Sphalerite. Minerals (Basel,) Tj ETQq0 0 0 rgBT [Overlock 10 Tf 50 62]

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127	Trace and minor elements in galena: A reconnaissance LA-ICP-MS study. American Mineralogist, 2015, 100, 548-569.	1.9	169
128	Neoproterozoic (ca. 820–830 Ma) mafic dykes at Olympic Dam, South Australia: Links with the Gairdner Large Igneous Province. Precambrian Research, 2015, 271, 160-172.	2.7	51
129	A Late Cretaceous tin metallogenic event in Nanling W–Sn metallogenic province: Constraints from U–Pb, Ar–Ar geochronology at the Jiepailing Sn–Be–F deposit, Hunan, China. Ore Geology Reviews, 2015, 65, 283-293.	2.7	76
130	Rare earths and other trace elements in minerals from skarn assemblages, Hillside iron oxide–copper–gold deposit, Yorke Peninsula, South Australia. Lithos, 2014, 184-187, 456-477.	1.4	94
131	GraÂianite, MnBi2S4, a new mineral from the Baia Bihor skarn, Romania. American Mineralogist, 2014, 99, 1163-1170.	1.9	12
132	Albitization and redistribution of REE and Y in IOCG systems: Insights from Moonta-Wallaroo, Yorke Peninsula, South Australia. Lithos, 2014, 208-209, 178-201.	1.4	40
133	Trace and minor elements in sphalerite from metamorphosed sulphide deposits. Mineralogy and Petrology, 2014, 108, 873-890.	1.1	101
134	The Basil Cu–Co deposit, Eastern Arunta Region, Northern Territory, Australia: A metamorphosed volcanic-hosted massive sulphide deposit. Ore Geology Reviews, 2014, 56, 141-158.	2.7	8
135	A combined chemical, isotopic and microstructural study of pyrite from roll-front uranium deposits, Lake Eyre Basin, South Australia. Geochimica Et Cosmochimica Acta, 2014, 125, 440-465.	3.9	89
136	Uranium-bearing hematite from the Olympic Dam Cu–U–Au deposit, South Australia: A geochemical tracer and reconnaissance Pb–Pb geochronometer. Precambrian Research, 2013, 238, 129-147.	2.7	90
137	Mineral chemistry of Rare Earth Element (REE) mineralization, Browns Ranges, Western Australia. Lithos, 2013, 172-173, 192-213.	1.4	40
138	Bonanza-grade accumulations of gold tellurides in the Early Cretaceous Sandaowanzi deposit, northeast China. Ore Geology Reviews, 2013, 54, 110-126.	2.7	25
139	Cold-telluride nanoparticles revealed in arsenic-free pyrite. American Mineralogist, 2012, 97, 1515-1518.	1.9	150
140	The Niujiaotang Cd-rich zinc deposit, Duyun, Guizhou province, southwest China: ore genesis and mechanisms of cadmium concentration. Mineralium Deposita, 2012, 47, 683-700.	4.1	56
141	Multivariate Analysis of an LA-ICP-MS Trace Element Dataset for Pyrite. Mathematical Geosciences, 2012, 44, 823-842.	2.4	90
142	A tribute to <scp>E</scp> i <scp>H</scp> orikoshi (1932–2009). Resource Geology, 2012, 62, 327-328.	0.8	0
143	Determination of the oxidation state of Cu in substituted Cu-In-Fe-bearing sphalerite via Â-XANES spectroscopy. American Mineralogist, 2012, 97, 476-479.	1.9	114
144	The future of biotechnology for gold exploration and processing. Minerals Engineering, 2012, 32, 45-53.	4.3	30

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145	Geology and Mineralogical Zonation of the Olympic Dam Iron Oxide Cu-U-Au-Ag Deposit, South Australia. , 2012, , .		45
146	Origin of the supergiant Olympic Dam Cu-U-Au-Ag deposit, South Australia: Was a sedimentary basin involved?. Geology, 2011, 39, 795-798.	4.4	51
147	Minor and trace elements in bornite and associated Cu–(Fe)-sulfides: A LA-ICP-MS studyBornite mineral chemistry. Geochimica Et Cosmochimica Acta, 2011, 75, 6473-6496.	3.9	118
148	Trace and minor elements in sphalerite from base metal deposits in South China: A LA-ICPMS study. Ore Geology Reviews, 2011, 39, 188-217.	2.7	327
149	Nanogeoscience in ore systems research: Principles, methods, and applications. Ore Geology Reviews, 2011, 42, 1-5.	2.7	28
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