

Nigel J Cook

List of Publications by Year in descending order

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178
papers

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53939

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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. <i>Ore Geology Reviews</i> , 2022, 140, 103745.	1.1	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. <i>Ore Geology Reviews</i> , 2022, 140, 104348.	1.1	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. <i>Mineralium Deposita</i> , 2022, 57, 417-438.	1.7	38
4	Intracrystalline migration of polymetallic Au-rich melts in multistage hydrothermal systems: example from the Xiaoqinling lode gold district, central China. <i>Mineralium Deposita</i> , 2022, 57, 147-154.	1.7	7
5	Skarn-style alteration in Proterozoic metasedimentary protoliths hosting IOCG mineralization: the Island Dam Prospect, South Australia. <i>Mineralium Deposita</i> , 2022, 57, 1227-1250.	1.7	2
6	Textural and geochemical analysis of celestine and sulfides constrain Sr-(Pb-Zn) mineralization in the Shizilishan deposit, eastern China. <i>Ore Geology Reviews</i> , 2022, 144, 104814.	1.1	5
7	Indium distribution in sphalerite from sulfide-oxide-silicate skarn assemblages: a case study of the Dulong Zn-Sn-In deposit, Southwest China. <i>Mineralium Deposita</i> , 2021, 56, 307-324.	1.7	53
8	A Synthetic Haematite Reference Material for LA-ICP-MS U-Pb Geochronology and Application to Iron Oxide-Cu-Au Systems. <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 143-159.	1.7	3
9	The dynamic uptake of lead and its radionuclides by natural and synthetic aluminium-phosphate-sulfates. <i>Minerals Engineering</i> , 2021, 160, 106659.	1.8	8
10	Understanding the mobility and retention of uranium and its daughter products. <i>Journal of Hazardous Materials</i> , 2021, 410, 124553.	6.5	9
11	Tracking dynamic hydrothermal processes: Textures, in-situ Sr-Nd isotopes, and trace-element analysis of scheelite from the Yangjiaoshan vein-type W deposit, South China. <i>American Mineralogist</i> , 2021, 106, 1987-2002.	0.9	17
12	Phase relationships in the system ZnS-CuInS ₂ : Insights from a nanoscale study of indium-bearing sphalerite. <i>American Mineralogist</i> , 2021, 106, 192-205.	0.9	15
13	Quantification of radionuclide distribution and migration during Cu-(Fe)-sulphide mineral processing by alpha particle autoradiography. <i>Journal of Environmental Radioactivity</i> , 2021, 228, 106514.	0.9	0
14	Au-Ag-Te-RICH MELT INCLUSIONS IN HYDROTHERMAL GOLD-QUARTZ VEINS, XIAOQINLING LODE GOLD DISTRICT, CENTRAL CHINA. <i>Economic Geology</i> , 2021, 116, 1239-1248.	1.8	27
15	Gamma-enhancement of reflected light images: A rapid, effective tool for assessment of compositional heterogeneity in pyrite. <i>American Mineralogist</i> , 2021, 106, 497-505.	0.9	4
16	Selective radionuclide co-sorption onto natural minerals in environmental and anthropogenic conditions. <i>Journal of Hazardous Materials</i> , 2021, 409, 124989.	6.5	10
17	Ferro-tschermakite with polysomatic chain-width disorder identified in silician magnetite from Wirrda Well, South Australia: a HAADF STEM study. <i>American Mineralogist</i> , 2021, , .	0.9	2
18	Localised solution environments drive radionuclide fractionation in uraninite. <i>Journal of Hazardous Materials</i> , 2021, 412, 125192.	6.5	4

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19	Development and Application of Synthetic Hematite Reference Material for U-Pb Geochronology. <i>Microscopy and Microanalysis</i> , 2021, 27, 2742-2745.	0.2	0
20	Staged formation of the supergiant Olympic Dam uranium deposit, Australia. <i>Geology</i> , 2021, 49, 1312-1316.	2.0	14
21	The Mixed-Layer Structures of Ikunolite, Laitakarite, Josite-B and Josite-A. <i>Minerals (Basel)</i> , 2021, 11, 1078-1086.	0.8	6
22	Nanomineralogy of hydrothermal magnetite from Acropolis, South Australia: Genetic implications for iron-oxide copper gold mineralization. <i>American Mineralogist</i> , 2021, 106, 1273-1293.	0.9	10
23	Bi ₈ Te ₃ , the 11-Atom Layer Member of the Tetradyomite Homologous Series. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 980.	0.8	4
24	Complementary Textural, Trace Element, and Isotopic Analyses of Sulfides Constrain Ore-Forming Processes for the Slate-Hosted Yuhengtang Au Deposit, South China. <i>Economic Geology</i> , 2021, 116, 1825-1848.	1.8	35
25	Metallic-Pb nanospheres in zircon from the Challenger Au deposit, South Australia: probing metamorphic and ore formation histories. <i>Mineralogical Magazine</i> , 2021, 85, 868-878.	0.6	0
26	Defining early stages of IOCG systems: evidence from iron oxides in the outer shell of the Olympic Dam deposit, South Australia. <i>Mineralium Deposita</i> , 2020, 55, 429-452.	1.7	28
27	The tetrahedrite group: Nomenclature and classification. <i>American Mineralogist</i> , 2020, 105, 109-122.	0.9	76
28	Radionuclide distributions in Olympic Dam copper concentrates: The significance of minor hosts, incorporation mechanisms, and the role of mineral surfaces. <i>Minerals Engineering</i> , 2020, 148, 106176.	1.8	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. <i>Precambrian Research</i> , 2020, 337, 105535.	1.2	2
30	Micron- to nanoscale characterisation and U-Pb geochronology of zircon from granites of the Sapphire Pluton, South Australia. <i>Precambrian Research</i> , 2020, 350, 105924.	1.2	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. <i>Ore Geology Reviews</i> , 2020, 126, 103775.	1.1	4
32	OPENING THE MAGMATIC-HYDROTHERMAL WINDOW: HIGH-PRECISION U-Pb GEOCHRONOLOGY OF THE MESOPROTEROZOIC OLYMPIC DAM Cu-U-Au-Ag DEPOSIT, SOUTH AUSTRALIA. <i>Economic Geology</i> , 2020, 115, 1855-1870.	1.8	34
33	ARSENIC-INDUCED DOWNSHIFT OF RAMAN BAND POSITIONS FOR PYRITE. <i>Economic Geology</i> , 2020, 115, 1589-1600.	1.8	7
34	Halogens in hydrothermal sphalerite record origin of ore-forming fluids. <i>Geology</i> , 2020, 48, 766-770.	2.0	21
35	Trace-element remobilisation from U-Pb zoned hematite: Nanoscale insights into a mineral geochronometer behaviour during interaction with fluids. <i>Mineralogical Magazine</i> , 2020, 84, 502-516.	0.6	7
36	Numerical modelling of rare earth element fractionation trends in garnet: a tool to monitor skarn evolution. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	10

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37	A Mineralisation Age for the Sediment-Hosted Blackbush Uranium Prospect, North-Eastern Eyre Peninsula, South Australia. <i>Minerals</i> (Basel, Switzerland), 2020, 10, 191.	0.8	1
38	Coupled Substitutions of Minor and Trace Elements in Co-Existing Sphalerite and Wurtzite. <i>Minerals</i> (Basel, Switzerland), 2020, 10, 147.	0.8	19
39	Multivariate Statistical Analysis of Trace Elements in Pyrite: Prediction, Bias and Artefacts in Defining Mineral Signatures. <i>Minerals</i> (Basel, Switzerland), 2020, 10, 61.	0.8	14
40	~1760 Ma magnetite-bearing protoliths in the Olympic Dam deposit, South Australia: Implications for ore genesis and regional metallogeny. <i>Ore Geology Reviews</i> , 2020, 118, 103337.	1.1	6
41	Rapid, competitive radium uptake in strontium, barium, and lead sulfates during sulfuric acid leaching. <i>Applied Geochemistry</i> , 2020, 115, 104549.	1.4	11
42	Textures and trace element signatures of pyrite and arsenopyrite from the Gutaishan Au-Sb deposit, South China. <i>Mineralium Deposita</i> , 2019, 54, 591-610.	1.7	38
43	In situ spatial distribution mapping of radionuclides in minerals by nanoSIMS. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2019, 19, 245-254.	0.5	11
44	Crystals from the Powellite-Scheelite Series at the Nanoscale: A Case Study from the Zhibula Cu Skarn, Gangdese Belt, Tibet. <i>Minerals</i> (Basel, Switzerland), 2019, 9, 340.	0.8	14
45	Mineralization-alteration footprints in the Olympic Dam IOCG district, South Australia: The Acropolis prospect. <i>Journal of Geochemical Exploration</i> , 2019, 205, 106333.	1.5	14
46	Zircon at the Nanoscale Records Metasomatic Processes Leading to Large Magmatic-Hydrothermal Ore Systems. <i>Minerals</i> (Basel, Switzerland), 2019, 9, 364.	0.8	15
47	Trace element substitution and grain-scale compositional heterogeneity in enargite. <i>Ore Geology Reviews</i> , 2019, 111, 103004.	1.1	10
48	Copper-Arsenic Nanoparticles in Hematite: Fingerprinting Fluid-Mineral Interaction. <i>Minerals</i> (Basel, Switzerland), 2019, 9, 12.	0.8	12
49	Polytypism and Polysomatism in Mixed-Layer Chalcogenides: Characterization of PbBi ₄ Te ₄ S ₃ and Inferences for Ordered Phases in the Aleksite Series. <i>Minerals</i> (Basel, Switzerland), 2019, 9, 628.	0.8	8
50	Scheelite geochemistry in porphyry-skarn W-Mo systems: A case study from the Gaojiabang Deposit, East China. <i>Ore Geology Reviews</i> , 2019, 113, 103084.	1.1	25
51	Intermobility of barium, strontium, and lead in chloride and sulfate leach solutions. <i>Geochemical Transactions</i> , 2019, 20, 4.	1.8	3
52	Nanoscale Study of Titanomagnetite from the Panzhihua Layered Intrusion, Southwest China: Multistage Exsolutions Record Ore Formation. <i>Minerals</i> (Basel, Switzerland), 2019, 9, 513.	0.8	7
53	Hematite geochemistry and geochronology resolve genetic and temporal links among iron-oxide copper gold systems, Olympic Dam district, South Australia. <i>Precambrian Research</i> , 2019, 335, 105480.	1.2	22
54	Radionuclide-bearing minerals in Olympic Dam copper concentrates. <i>Hydrometallurgy</i> , 2019, 190, 105153.	1.8	10

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55	Petrographic and geochronological constraints on the granitic basement to the Middleback Ranges, South Australia. <i>Precambrian Research</i> , 2019, 324, 170-193.	1.2	6
56	Silician Magnetite: Si-Fe-Nanoprecipitates and Other Mineral Inclusions in Magnetite from the Olympic Dam Deposit, South Australia. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 311.	0.8	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. <i>Canadian Mineralogist</i> , 2019, 57, 3-24.	0.3	15
58	Crystal chemistry of titanite from the Roxby Downs Granite, South Australia: insights into petrogenesis, subsolidus evolution and hydrothermal alteration. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	22
59	Detection of Trace Elements/Isotopes in Olympic Dam Copper Concentrates by nanoSIMS. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 336.	0.8	16
60	Chessboard structures: Atom-scale imaging of homologs from the kobellite series. <i>American Mineralogist</i> , 2019, 104, 459-462.	0.9	4
61	Mineralogy of Zirconium in Iron-Oxides: A Micron- to Nanoscale Study of Hematite Ore from Peculiar Knob, South Australia. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 244.	0.8	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. <i>American Mineralogist</i> , 2019, 104, 425-437.	0.9	11
63	A multi-technique evaluation of hydrothermal hematite U Pb isotope systematics: Implications for ore deposit geochronology. <i>Chemical Geology</i> , 2019, 513, 54-72.	1.4	36
64	Uptake of trace elements by baryte during copper ore processing: A case study from Olympic Dam, South Australia. <i>Minerals Engineering</i> , 2019, 135, 83-94.	1.8	13
65	Synthesis of U-Pb doped hematite using a hydrated ferric oxide approach. <i>Journal of Crystal Growth</i> , 2019, 513, 48-57.	0.7	3
66	Gold behavior in intermediate sulfidation epithermal systems: A case study from the Zhengguang gold deposit, Heilongjiang Province, NE-China. <i>Ore Geology Reviews</i> , 2019, 106, 446-462.	1.1	15
67	Mineralization signatures of the magnetite-dominant Acropolis prospect, Olympic Dam IOCG district, South Australia. <i>ASEG Extended Abstracts</i> , 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. <i>American Mineralogist</i> , 2019, 104, 1806-1819.	0.9	16
69	Editorial for Special Issue "Minerals Down to the Nanoscale: A Glimpse at Ore-Forming Processes". <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 692.	0.8	2
70	Defining IOCG signatures through compositional data analysis: A case study of lithogeochemical zoning from the Olympic Dam deposit, South Australia. <i>Ore Geology Reviews</i> , 2019, 105, 86-101.	1.1	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. <i>Precambrian Research</i> , 2019, 321, 103-122.	1.2	3
72	Iron-oxides constrain BIF evolution in terranes with protracted geological histories: The Iron Count prospect, Middleback Ranges, South Australia. <i>Lithos</i> , 2019, 324-325, 20-38.	0.6	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. <i>Mineralium Deposita</i> , 2019, 54, 47-66.	1.7	59
74	Trace elements in hydrothermal chalcopyrite. <i>Mineralogical Magazine</i> , 2018, 82, 59-88.	0.6	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. <i>Mathematical Geosciences</i> , 2018, 50, 381-415.	1.4	16
76	Petrography and trace element signatures of iron-oxides in deposits from the Middleback Ranges, South Australia: From banded iron formation to ore. <i>Ore Geology Reviews</i> , 2018, 93, 337-360.	1.1	17
77	Critical-metal mineralogy and ore genesis: contributions from the European Mineralogical Conference held in Rimini, September 2016. <i>Mineralogical Magazine</i> , 2018, 82, S1-S4.	0.6	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. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 222, 94-116.	1.6	50
79	Rare earth element geochemistry of feldspars: examples from Fe-oxide Cu-Au systems in the Olympic Cu-Au Province, South Australia. <i>Mineralogy and Petrology</i> , 2018, 112, 145-172.	0.4	13
80	Petrography and geochemistry of granitoids from the Samphire Pluton, South Australia: Implications for uranium mineralisation in overlying sediments. <i>Lithos</i> , 2018, 300-301, 1-19.	0.6	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. <i>Economic Geology</i> , 2018, 113, 1359-1382.	1.8	60
82	Nanoscale study of lamellar exsolutions in clinopyroxene from olivine gabbro: recording crystallization sequences in iron-rich layered intrusions. <i>American Mineralogist</i> , 2018, , .	0.9	1
83	Nanoscale Study of Clausthalite-Bearing Symplectites in Cu-Au-(U) Ores: Implications for Ore Genesis. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 67.	0.8	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 Ti-rich sulfosalt melt. <i>Ore Geology Reviews</i> , 2018, 102, 59-105.	1.1	63
85	Feldspar mineralogy and rare-earth element (re)mobilization in iron-oxide copper gold systems from South Australia: a nanoscale study. <i>Mineralogical Magazine</i> , 2018, 82, S173-S197.	0.6	26
86	²¹⁰ Pb and ²¹⁰ Po in Geological and Related Anthropogenic Materials: Implications for Their Mineralogical Distribution in Base Metal Ores. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 211.	0.8	32
87	Numerical Modeling of REE Fractionation Patterns in Fluorapatite from the Olympic Dam Deposit (South Australia). <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 342.	0.8	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. <i>Precambrian Research</i> , 2018, 315, 162-178.	1.2	35
89	Bismuth. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 153-155.	0.1	0
90	Effects of hydrothermal alteration on mafic lithologies at the Olympic Dam Cu-U-Au-Ag deposit. <i>Precambrian Research</i> , 2017, 292, 305-322.	1.2	5

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91	NANO- TO MICRON-SCALE PARTICULATE GOLD HOSTED BY MAGNETITE: A PRODUCT OF GOLD SCAVENGING BY BISMUTH MELTS. <i>Economic Geology</i> , 2017, 112, 993-1010.	1.8	50
92	Sulfur isotope fractionation in pyrite during laser ablation: Implications for laser ablation multiple collector inductively coupled plasma mass spectrometry mapping. <i>Chemical Geology</i> , 2017, 450, 223-234.	1.4	77
93	Petrography and trace element signatures in silicates and Fe-Ti-oxides from the Lanjiahuoshan deposit, Panzihua layered intrusion, Southwest China. <i>Lithos</i> , 2017, 294-295, 164-183.	0.6	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. <i>Ore Geology Reviews</i> , 2017, 91, 173-195.	1.1	54
95	The Wirrda Well and Acropolis prospects, Gawler Craton, South Australia: Insights into evolving fluid conditions through apatite chemistry. <i>Journal of Geochemical Exploration</i> , 2017, 181, 276-291.	1.5	34
96	Linking Olympic Dam and the Cariewerloo Basin: Was a sedimentary basin involved in formation of the world's largest uranium deposit?. <i>Precambrian Research</i> , 2017, 300, 168-180.	1.2	21
97	Feldspar evolution in the Roxby Downs Granite, host to Fe-oxide Cu-Au-(U) mineralisation at Olympic Dam, South Australia. <i>Ore Geology Reviews</i> , 2017, 80, 838-859.	1.1	44
98	Ore minerals down to the nanoscale: Cu-(Fe)-sulphides from the iron oxide copper gold deposit at Olympic Dam, South Australia. <i>Ore Geology Reviews</i> , 2017, 81, 1218-1235.	1.1	38
99	Chemical and textural interpretation of late-stage coffinite and brannerite from the Olympic Dam IOCG-Ag-U deposit. <i>Mineralogical Magazine</i> , 2017, 81, 1323-1366.	0.6	34
100	Advances and Opportunities in Ore Mineralogy. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 233.	0.8	36
101	Rare Earth Element Fluorocarbonate Minerals from the Olympic Dam Cu-U-Au-Ag Deposit, South Australia. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 202.	0.8	26
102	Minor and Trace Elements in Natural Tetrahedrite-Tennantite: Effects on Element Partitioning among Base Metal Sulphides. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 17.	0.8	46
103	Rare Earth Element Behaviour in Apatite from the Olympic Dam Cu-U-Au-Ag Deposit, South Australia. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 135.	0.8	48
104	Short-Range Stacking Disorder in Mixed-Layer Compounds: A HAADF STEM Study of Bastnäs-Parisite Intergrowths. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 227.	0.8	25
105	EARLY, DEEP MAGNETITE-FLUORAPATITE MINERALIZATION AT THE OLYMPIC DAM Cu-U-Au-Ag DEPOSIT, SOUTH AUSTRALIA*. <i>Economic Geology</i> , 2017, 112, 1531-1542.	1.8	46
106	Mapping of Sulfur Isotopes and Trace Elements in Sulfides by LA-(MC)-ICP-MS: Potential Analytical Problems, Improvements and Implications. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 110.	0.8	68
107	Focused Ion Beam and Advanced Electron Microscopy for Minerals: Insights and Outlook from Bismuth Sulphosalts. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 112.	0.8	30
108	Matrix-Matched Iron-Oxide Laser Ablation ICP-MS U-Pb Geochronology Using Mixed Solution Standards. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 85.	0.8	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. <i>Minerals (Basel)</i> , 2016, 6, 1-10.	1.4	10
110	Matrix effects in Pb/U measurements during LA-ICP-MS analysis of the mineral apatite. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1206-1215.	1.6	71
111	Bismuth. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-3.	0.1	0
112	Apatite at Olympic Dam, South Australia: A petrogenetic tool. <i>Lithos</i> , 2016, 262, 470-485.	0.6	52
113	Selective leaching of penalty elements from copper concentrates: A review. <i>Minerals Engineering</i> , 2016, 98, 110-121.	1.8	67
114	Skarn formation and trace elements in garnet and associated minerals from Zhibula copper deposit, Gangdese Belt, southern Tibet. <i>Lithos</i> , 2016, 262, 213-231.	0.6	65
115	Chemical zoning and lattice distortion in uraninite from Olympic Dam, South Australia. <i>American Mineralogist</i> , 2016, 101, 2351-2354.	0.9	21
116	Replacement of Uraninite By Bornite Via Coupled Dissolution-Reprecipitation: Evidence From Texture and Microstructure. <i>Canadian Mineralogist</i> , 2016, 54, 1369-1383.	0.3	16
117	Olivine-phyric basalt in the Mesoproterozoic Gawler silicic large igneous province, South Australia: Examples at the Olympic Dam Iron Oxide Cu-Au-Ag deposit and other localities. <i>Precambrian Research</i> , 2016, 281, 185-199.	1.2	37
118	Uraninite from the Olympic Dam IOCG-U-Ag deposit: Linking textural and compositional variation to temporal evolution. <i>American Mineralogist</i> , 2016, 101, 1295-1320.	0.9	55
119	Postmagmatic magnetite-apatite assemblage in mafic intrusions: a case study of dolerite at Olympic Dam, South Australia. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	15
120	Mineralogy and geochemistry of indium-bearing polymetallic veins in the Sarvlaxviken area, Lovisa, Finland. <i>Ore Geology Reviews</i> , 2016, 75, 206-219.	1.1	18
121	Partitioning of trace elements in co-crystallized sphalerite-galena-chalcopyrite hydrothermal ores. <i>Ore Geology Reviews</i> , 2016, 77, 97-116.	1.1	166
122	Characteristics, origin and significance of Mesoproterozoic bedded clastic facies at the Olympic Dam Cu-Au-Ag deposit, South Australia. <i>Precambrian Research</i> , 2016, 276, 85-100.	1.2	21
123	Uranium and Sm isotope studies of the supergiant Olympic Dam Cu-Au-U-Ag deposit, South Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 180, 15-32.	1.6	35
124	Multi-stage enrichment processes for large gold-bearing ore deposits. <i>Ore Geology Reviews</i> , 2016, 76, 268-279.	1.1	57
125	Mineralogy of tin-sulfides in the Zijinshan porphyry-epithermal system, Fujian Province, China. <i>Ore Geology Reviews</i> , 2016, 72, 682-698.	1.1	27
126	Distribution and Substitution Mechanism of Ge in a Ge-(Fe)-Bearing Sphalerite. <i>Minerals (Basel)</i> , 2016, 6, 1-10.	0.8	90

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127	Trace and minor elements in galena: A reconnaissance LA-ICP-MS study. <i>American Mineralogist</i> , 2015, 100, 548-569.	0.9	169
128	Neoproterozoic (ca. 820–830 Ma) mafic dykes at Olympic Dam, South Australia: Links with the Gairdner Large Igneous Province. <i>Precambrian Research</i> , 2015, 271, 160-172.	1.2	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. <i>Ore Geology Reviews</i> , 2015, 65, 283-293.	1.1	76
130	Rare earths and other trace elements in minerals from skarn assemblages, Hillside iron oxide–copper–gold deposit, Yorke Peninsula, South Australia. <i>Lithos</i> , 2014, 184-187, 456-477.	0.6	94
131	Graïanite, MnBi ₂ S ₄ , a new mineral from the Baia Bihor skarn, Romania. <i>American Mineralogist</i> , 2014, 99, 1163-1170.	0.9	12
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