

Jens Gutzmer

List of Publications by Year in descending order

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145
papers

4,841
citations

126907

33
h-index

118850

62
g-index

150
all docs

150
docs citations

150
times ranked

3425
citing authors

#	ARTICLE	IF	CITATIONS
1	Timing of magmatic-hydrothermal activity in the Variscan Orogenic Belt: LA-ICP-MS U–Pb geochronology of skarn-related garnet from the Schwarzenberg District, Erzgebirge. Mineralium Deposita, 2022, 57, 1071-1087.	4.1	12
2	Breakup with benefits - hydrothermal mineral systems related to the disintegration of a supercontinent. Earth and Planetary Science Letters, 2022, 580, 117373.	4.4	20
3	Testing the robustness of particle-based separation models for the magnetic separation of a complex skarn ore. International Journal of Mining Science and Technology, 2022, , .	10.3	2
4	A particle-based approach to predict the success and selectivity of leaching processes using ethaline - Comparison of simulated and experimental results. Hydrometallurgy, 2022, 211, 105869.	4.3	3
5	Towards a sampling protocol for the resource assessment of critical raw materials in tailings storage facilities. Journal of Geochemical Exploration, 2022, 236, 106974.	3.2	12
6	A self-adaptive particle-tracking method for minerals processing. Journal of Cleaner Production, 2021, 279, 123711.	9.3	18
7	Geology and Genesis of the Giant Gorevskoe Pb-Zn-Ag Deposit, Krasnoyarsk Territory, Russia. Economic Geology, 2021, 116, 719-746.	3.8	3
8	The Niederschlag fluorite-(barite) deposit, Erzgebirge/Germany – a fluid inclusion and trace element study. Mineralium Deposita, 2021, 56, 1071-1086.	4.1	25
9	Stratigraphy, Depositional Setting, and SHRIMP U-Pb Geochronology of the Banded Iron Formation – Bearing Bailadila Group in the Bacheli Iron Ore Mining District, Bastar Craton, India. Journal of Geology, 2021, 129, 115-130.	1.4	2
10	Mineralogy and fluid characteristics of the Waschleithe Zn skarn – a distal part of the Schwarzenberg mineral system, Erzgebirge, Germany. Ore Geology Reviews, 2021, 131, 104007.	2.7	10
11	Uncertainties in quantitative mineralogical studies using scanning electron microscope-based image analysis. Minerals Engineering, 2021, 167, 106836.	4.3	20
12	Li-Co – Ni-Mn-(REE) veins of the Western Erzgebirge, Germany – a potential source of battery raw materials. Mineralium Deposita, 2021, 56, 1223-1238.	4.1	4
13	Vertical Zoning in Hydrothermal U-Ag-Bi-Co-Ni-As Systems: A Case Study from the Annaberg-Buchholz District, Erzgebirge (Germany). Economic Geology, 2021, 116, 1893-1915.	3.8	10
14	Computing single-particle flotation kinetics using automated mineralogy data and machine learning. Minerals Engineering, 2021, 170, 107054.	4.3	10
15	Spatial and Temporal Evolution of the Freiberg Epithermal Ag-Pb-Zn District, Germany. Economic Geology, 2021, 116, 1649-1667.	3.8	15
16	Timing of native metal-arsenide (Ag-Bi-Co-Ni-As±U) veins in continental rift zones – In situ U-Pb geochronology of carbonates from the Erzgebirge/Krušné Hory province. Chemical Geology, 2021, 584, 120476.	3.3	7
17	Gold and silver deportment in sulfide ores – A case study of the Freiberg epithermal Ag-Pb-Zn district, Germany. Minerals Engineering, 2021, 174, 107235.	4.3	5
18	Genesis of sulfide vein mineralization at the Sakatti Ni-Cu-PGE deposit, Finland. Canadian Mineralogist, 2021, 59, 1485-1510.	1.0	0

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19	Not all Neoproterozoic iron formations are glaciogenic: Sturtian-aged non-Rapitan exhalative iron formations from the Arabian–Nubian Shield. <i>Mineralium Deposita</i> , 2020, 55, 577-596.	4.1	17
20	Life on a Mesoarchean marine shelf – insights from the world’s oldest known granular iron formation. <i>Scientific Reports</i> , 2020, 10, 10519.	3.3	5
21	Fractionation of geochemical twins (Zr/Hf, Nb/Ta and Y/Ho) and HREE-enrichment during magmatic and metamorphic processes in peralkaline nepheline syenites from Norra Kärr (Sweden). <i>Lithos</i> , 2020, 372-373, 105667.	1.4	5
22	Drill-Core Mineral Abundance Estimation Using Hyperspectral and High-Resolution Mineralogical Data. <i>Remote Sensing</i> , 2020, 12, 1218.	4.0	18
23	Supply of Raw Materials and Effects of the Global Economy. , 2019, , 23-105.		2
24	The Raw Material Requirements for Energy Systems. , 2019, , 145-168.		3
25	Constraining the Economic Potential of By-Product Recovery by Using a Geometallurgical Approach: The Example of Rare Earth Element Recovery at Catalão I, Brazil. <i>Economic Geology</i> , 2019, 114, 1555-1568.	3.8	7
26	Automated SEM Mineral Liberation Analysis (MLA) with Generically Labelled EDX Spectra in the Mineral Processing of Rare Earth Element Ores. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 527.	2.0	36
27	Optimal sensor selection for sensor-based sorting based on automated mineralogy data. <i>Journal of Cleaner Production</i> , 2019, 234, 1144-1152.	9.3	17
28	The essence of time – fertile skarn formation in the Variscan Orogenic Belt. <i>Earth and Planetary Science Letters</i> , 2019, 519, 165-170.	4.4	42
29	Stochastic Modeling of Multidimensional Particle Properties Using Parametric Copulas. <i>Microscopy and Microanalysis</i> , 2019, 25, 720-734.	0.4	18
30	Mineral Mapping and Vein Detection in Hyperspectral Drill-Core Scans: Application to Porphyry-Type Mineralization. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 122.	2.0	24
31	The use of assay data as a foundation for a geometallurgical model – The case of the Thaba Chromite Mine, South Africa. <i>Journal of Geochemical Exploration</i> , 2019, 201, 99-112.	3.2	7
32	Indium-bearing sulfides from the Hämmerlein skarn deposit, Erzgebirge, Germany: Evidence for late-stage diffusion of indium into sphalerite. <i>Mineralium Deposita</i> , 2019, 54, 175-192.	4.1	51
33	Multivariate geochemical classification of chromitite layers in the Bushveld Complex, South Africa. <i>Applied Geochemistry</i> , 2019, 103, 106-117.	3.0	6
34	The Raw Materials Summit 2019: connecting innovation in the Raw Materials Sector. <i>Mineral Economics</i> , 2019, 32, 379-381.	2.8	0
35	Age and genesis of polymetallic veins in the Freiberg district, Erzgebirge, Germany: constraints from radiogenic isotopes. <i>Mineralium Deposita</i> , 2019, 54, 217-236.	4.1	21
36	Trace element geochemistry of sphalerite in contrasting hydrothermal fluid systems of the Freiberg district, Germany: insights from LA-ICP-MS analysis, near-infrared light microthermometry of sphalerite-hosted fluid inclusions, and sulfur isotope geochemistry. <i>Mineralium Deposita</i> , 2019, 54, 237-262.	4.1	122

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37	An introduction to the thematic issue on “Ore deposits in the Variscan basement of Central Europe”, Mineralium Deposita, 2019, 54, 153-154.	4.1	1
38	The geometallurgical assessment of by-products’ geochemical proxies for the complex mineralogical deportment of indium at Neves-Corvo, Portugal. Mineralium Deposita, 2019, 54, 959-982.	4.1	34
39	Genesis of hydrothermal silver-antimony-sulfide veins of the Br�unsdorf sector as part of the classic Freiberg silver mining district, Germany. Mineralium Deposita, 2019, 54, 263-280.	4.1	20
40	The inherent link between ore formation and geometallurgy as documented by complex tin mineralization at the H�mmerlein deposit (Erzgebirge, Germany). Mineralium Deposita, 2019, 54, 683-698.	4.1	10
41	Major and trace element geochemistry of the European Kupferschiefer “an evaluation of analytical techniques. Geochemistry: Exploration, Environment, Analysis, 2018, 18, 132-141.	0.9	6
42	Calculating the deportment of a fine-grained and compositionally complex Sn skarn with a modified approach for automated mineralogy. Minerals Engineering, 2018, 116, 213-225.	4.3	31
43	Quantitative mineralogical analysis of European Kupferschiefer ore. Minerals Engineering, 2018, 115, 21-32.	4.3	25
44	Recovery potential of flotation tailings assessed by spatial modelling of automated mineralogy data. Minerals Engineering, 2018, 116, 143-151.	4.3	17
45	Variation in Platinum Group Mineral and Base Metal Sulfide Assemblages in the Lower Group Chromitites of the Western Bushveld Complex, South Africa. Canadian Mineralogist, 2018, 56, 723-743.	1.0	10
46	Hydrothermal formation of heavy rare earth element (HREE) “xenotime deposits at 100 �C in a sedimentary basin. Geology, 2018, 46, 263-266.	4.4	25
47	Description of Ore Particles from X-Ray Microtomography (XMT) Images, Supported by Scanning Electron Microscope (SEM)-Based Image Analysis. Microscopy and Microanalysis, 2018, 24, 461-470.	0.4	32
48	The South Um Mongul Cu-Mo-Au prospect in the Eastern Desert of Egypt: From a mid-Cryogenian continental arc to Ediacaran post-collisional apatite-high Ba-Sr monzogranite. Ore Geology Reviews, 2017, 80, 250-266.	2.7	29
49	New insights into the petrogenesis of the Jameson Range layered intrusion and associated Fe-Ti-P-V-PGE-Au mineralisation, West Musgrave Province, Western Australia. Mineralium Deposita, 2017, 52, 233-255.	4.1	12
50	Advanced Identification and Quantification of In-Bearing Minerals by Scanning Electron Microscope-Based Image Analysis. Microscopy and Microanalysis, 2017, 23, 527-537.	0.4	36
51	Quantifying the relative availability of high-tech by-product metals “The cases of gallium, germanium and indium. Resources Policy, 2017, 52, 327-335.	9.6	91
52	Distinguishing Magmatic and Metamorphic Processes in Peralkaline Rocks of the Norra K�rr Complex (Southern Sweden) Using Textural and Compositional Variations of Clinopyroxene and Eudialyte-group Minerals. Journal of Petrology, 2017, 58, 361-384.	2.8	15
53	Genesis of the Carbonate-Hosted Tres Marias Zn-Pb-(Ge) Deposit, Mexico: Constraints from Rb-Sr Sphalerite Geochronology and Pb Isotopes. Economic Geology, 2017, 112, 1075-1088.	3.8	28
54	Raw material “criticality” sense or nonsense?. Journal Physics D: Applied Physics, 2017, 50, 123002.	2.8	94

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55	Oncoidal granular iron formation in the Mesoarchaeon Pongola Supergroup, southern Africa: Textural and geochemical evidence for biological activity during iron deposition. <i>Geobiology</i> , 2017, 15, 731-749.	2.4	25
56	Strategic evaluations and mining process optimization towards a strong global REE supply chain. <i>Journal of Sustainable Mining</i> , 2016, 15, 26-35.	0.2	21
57	A mineral liberation study of grain boundary fracture based on measurements of the surface exposure after milling. <i>International Journal of Mineral Processing</i> , 2016, 156, 3-13.	2.6	35
58	MLA-based partition curves for magnetic separation. <i>Minerals Engineering</i> , 2016, 94, 94-103.	4.3	35
59	On the current and future availability of gallium. <i>Resources Policy</i> , 2016, 47, 38-50.	9.6	85
60	Gallium, germanium, indium, and other trace and minor elements in sphalerite as a function of deposit type – A meta-analysis. <i>Ore Geology Reviews</i> , 2016, 76, 52-78.	2.7	269
61	A Review of Graphite Beneficiation Techniques. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2016, 37, 58-68.	5.0	129
62	Rare Earth Underground Mining Approaches with Respect to Radioactivity Control and Monitoring Strategies. , 2016, , 121-138.		4
63	Assessing the supply potential of high-tech metals – A general method. <i>Resources Policy</i> , 2015, 46, 45-58.	9.6	30
64	Efficient and Accurate Identification of Platinum-Group Minerals by a Combination of Mineral Liberation and Electron Probe Microanalysis with a New Approach to the Offline Overlap Correction of Platinum-Group Element Concentrations. <i>Microscopy and Microanalysis</i> , 2015, 21, 1080-1095.	0.4	25
65	Electron Probe Microanalysis of REE in Eudialyte Group Minerals: Challenges and Solutions. <i>Microscopy and Microanalysis</i> , 2015, 21, 1096-1113.	0.4	5
66	Nature and distribution of PGE mineralisation in gabbroic rocks of the Lusatian Block, Saxony, Germany. <i>Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften</i> , 2015, 166, 35-53.	0.4	7
67	Re-Os geochronology on sulfides from the Tudun Cu-Ni sulfide deposit, Eastern Tianshan, and its geological significance. <i>International Journal of Earth Sciences</i> , 2015, 104, 2241-2252.	1.8	12
68	Origin of Cu-Ni-PGE Mineralization at the Manchego Prospect, West Musgrave Province, Western Australia. <i>Economic Geology</i> , 2015, 110, 2063-2085.	3.8	9
69	Leaching of copper from Kupferschiefer by glutamic acid and heterotrophic bacteria. <i>Minerals Engineering</i> , 2015, 75, 38-44.	4.3	14
70	Distribution of Sb minerals in the Cu and Zn flotation of Rockliden massive sulphide ore in north-central Sweden. <i>Minerals Engineering</i> , 2015, 82, 125-135.	4.3	14
71	Paleoarchean sulfur cycling: Multiple sulfur isotope constraints from the Barberton Greenstone Belt, South Africa. <i>Precambrian Research</i> , 2015, 267, 311-322.	2.7	28
72	Formation of Mississippi Valley-type deposits linked to hydrocarbon generation in extensional tectonic settings: Evidence from the Jabali Zn-Pb-(Ag) deposit (Yemen). <i>Geology</i> , 2015, , G37112.1.	4.4	7

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73	A review of rare earth minerals flotation: Monazite and xenotime. International Journal of Mining Science and Technology, 2015, 25, 877-883.	10.3	72
74	Monazite geochronology and geothermobarometry in polymetamorphic host rocks of volcanic-hosted massive sulphide mineralizations in the Mesoproterozoic Areachap Terrane, South Africa. Journal of African Earth Sciences, 2015, 111, 258-272.	2.0	6
75	Bioleaching of Kupferschiefer blackshale – A review including perspectives of the Ecometals project. Minerals Engineering, 2015, 75, 116-125.	4.3	33
76	DEPOSITIONAL ENVIRONMENT AND LITHOSTRATIGRAPHY OF THE PALEOPROTEROZOIC MOOIDRAAI FORMATION, KALAHARI MANGANESE FIELD, SOUTH AFRICA. South African Journal of Geology, 2014, 117, 173-192.	1.2	12
77	Characterisation of graphite by automated mineral liberation analysis. Institutions of Mining and Metallurgy Transactions Section C: Mineral Processing and Extractive Metallurgy, 2014, 123, 184-189.	0.6	10
78	PGE geochemistry of the Fengshan porphyry – skarn Cu – Mo deposit, Hubei Province, Eastern China. Ore Geology Reviews, 2014, 56, 1-12.	2.7	14
79	On the geological availability of germanium. Mineralium Deposita, 2014, 49, 471-486.	4.1	87
80	PROVENANCE OF THE NEOPROTEROZOIC ROCKS OF THE GIFBERG GROUP (WESTERN SOUTH AFRICA). South African Journal of Geology, 2014, 117, 45-66.	1.2	3
81	Sulfur sources of sedimentary – buckshot – pyrite in the Auriferous Conglomerates of the Mesoarchean Witwatersrand and Ventersdorp Supergroups, Kaapvaal Craton, South Africa. Mineralium Deposita, 2014, 49, 751-775.	4.1	19
82	Evaluation of mineral processing by assessment of liberation and upgrading. Minerals Engineering, 2013, 53, 171-173.	4.3	28
83	The Composition and Depositional Environments of Mesoarchean Iron Formations of the West Rand Group of the Witwatersrand Supergroup, South Africa. Economic Geology, 2013, 108, 111-134.	3.8	85
84	Geological variations in the Merensky Reef at Bafokeng Rasimone Platinum Mine and its influence on flotation performance. Minerals Engineering, 2013, 52, 155-168.	4.3	7
85	Bimodal volcanism at the western margin of the Kaapvaal Craton in the aftermath of collisional events during the Namaqua-Natal Orogeny: The Koras Group, South Africa. Precambrian Research, 2012, 200-203, 163-183.	2.7	24
86	REE redistribution during hydrothermal alteration of ores of the Kalahari Manganese Deposit. Ore Geology Reviews, 2012, 47, 126-135.	2.7	23
87	Nature and origin of the protolith succession to the Paleoproterozoic Serra do Navio manganese deposit, Amapa Province, Brazil. Ore Geology Reviews, 2012, 47, 59-76.	2.7	22
88	Timing of supergene enrichment of low-grade sedimentary manganese ores in the Kalahari Manganese Field, South Africa. Ore Geology Reviews, 2012, 47, 136-153.	2.7	20
89	2.05-Ga Isotopic Ages for Transvaal Mississippi Valley – Type Deposits: Evidence for Large-Scale Hydrothermal Circulation around the Bushveld Igneous Complex, South Africa. Journal of Geology, 2011, 119, 69-80.	1.4	31
90	Sedimentary Provenance of the Neoarchean Ventersdorp Supergroup, Southern Africa: Shedding Light on the Evolution of the Kaapvaal Craton during the Neoarchean. Journal of Geology, 2011, 119, 575-596.	1.4	14

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91	Age and primary architecture of the Copperton Zn-Cu VMS deposit, Northern Cape Province, South Africa. <i>Ore Geology Reviews</i> , 2011, 39, 164-179.	2.7	12
92	PETROGRAPHY, GEOCHEMISTRY AND GEOCHRONOLOGY OF THE METAVOLCANIC ROCKS OF THE MESOPROTEROZOIC LEERKRANS FORMATION, WILGENHOUTSDRIF GROUP, SOUTH AFRICA - BACK-ARC BASIN TO THE AREACHAP VOLCANIC ARC. <i>South African Journal of Geology</i> , 2011, 114, 167-194.	1.2	13
93	Age of ferroan A-type post-tectonic granitoids of the southern part of the Keimoes Suite, Northern Cape Province, South Africa. <i>Journal of African Earth Sciences</i> , 2011, 60, 153-174.	2.0	24
94	From BIF to red beds: Sedimentology and sequence stratigraphy of the Paleoproterozoic Koegas Subgroup (South Africa). <i>Sedimentary Geology</i> , 2011, 236, 25-44.	2.1	53
95	PALEOENVIRONMENTAL CONTROLS ON THE TEXTURE AND CHEMICAL COMPOSITION OF PYRITE FROM NON-CONGLOMERATIC SEDIMENTARY ROCKS OF THE MESOARCHEAN WITWATERSRAND SUPERGROUP, SOUTH AFRICA. <i>South African Journal of Geology</i> , 2010, 113, 195-228.	1.2	62
96	Zoning of platinum group mineral assemblages in the UG2 chromitite determined through in situ SEM-EDS-based image analysis. <i>Mineralium Deposita</i> , 2010, 45, 147-159.	4.1	31
97	Sulfur isotope characteristics of metamorphosed Zn-Cu volcanogenic massive sulfides in the Areachap Group, Northern Cape Province, South Africa. <i>Mineralium Deposita</i> , 2010, 45, 481-496.	4.1	24
98	Lithogeochemistry as a tracer of the tectonic setting, lateral integrity and mineralization of a highly metamorphosed Mesoproterozoic volcanic arc sequence on the eastern margin of the Namaqua Province, South Africa. <i>Lithos</i> , 2010, 119, 345-362.	1.4	33
99	Correlation of Ordovician diamictites from Argentina and South Africa using detrital zircon dating. <i>Journal of the Geological Society</i> , 2010, 167, 217-220.	2.1	25
100	Deciphering formation processes of banded iron formations from the Transvaal and the Hamersley successions by combined Si and Fe isotope analysis using UV femtosecond laser ablation. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2677-2696.	3.9	138
101	Evidence for an early Archaean granite from Bastar craton, India. <i>Journal of the Geological Society</i> , 2009, 166, 193-196.	2.1	117
102	Intrusive origin for Upper Group (UG1, UG2) stratiform chromitite seams in the Dwars River area, Bushveld Complex, South Africa. <i>Mineralogy and Petrology</i> , 2009, 97, 75-94.	1.1	108
103	Correlating multiple Neoarchean-Paleoproterozoic impact spherule layers between South Africa and Western Australia. <i>Precambrian Research</i> , 2009, 169, 100-111.	2.7	32
104	Reconstructing Earth's surface oxidation across the Archean-Proterozoic transition. <i>Geology</i> , 2009, 37, 399-402.	4.4	247
105	A NEW CHRONOSTRATIGRAPHIC PARADIGM FOR THE AGE AND TECTONIC HISTORY OF THE MESOPROTEROZOIC BUSHMANLAND ORE DISTRICT, SOUTH AFRICA--A DISCUSSION. <i>Economic Geology</i> , 2009, 104, 1277-1281.	3.8	4
106	Genesis of High-Grade Iron Ores of the Archean Iron Ore Group around Noamundi, India. <i>Economic Geology</i> , 2008, 103, 365-386.	3.8	84
107	The Vergenoeg: Gauteng Province, South Africa Fluorite Mine. <i>Rocks and Minerals</i> , 2008, 83, 410-421.	0.1	3
108	Origin and Paleoenvironmental Significance of Major Iron Formations at the Archean-Paleoproterozoic Boundary. , 2008, , .		48

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109	Isotopic evidence for iron mobilization during Paleoproterozoic lateritization of the Hekpoort paleosol profile from Gaborone, Botswana. <i>Earth and Planetary Science Letters</i> , 2007, 256, 577-587.	4.4	47
110	Geochemistry of bedded barite of the Mesoproterozoic Aggeney-Gamsberg Broken Hill-type district, South Africa. <i>Mineralium Deposita</i> , 2007, 42, 537-549.	4.1	19
111	Geochemical patterns of schists from the Bushmanland Group: An artificial neural networks approach. <i>Journal of Geochemical Exploration</i> , 2006, 91, 81-98.	3.2	9
112	Spatial and temporal distribution of microbially induced sedimentary structures: A case study from siliciclastic storm deposits of the 2.9Ga Witwatersrand Supergroup, South Africa. <i>Precambrian Research</i> , 2006, 146, 35-44.	2.7	69
113	The Paleoproterozoic carbonate-hosted Poring Zn-Pb deposit, South Africa: I. Styles of brecciation and mineralization. <i>Mineralium Deposita</i> , 2006, 40, 664-685.	4.1	14
114	The Paleoproterozoic carbonate-hosted Poring Zn-Pb deposit, South Africa: II: fluid inclusion, fluid chemistry and stable isotope constraints. <i>Mineralium Deposita</i> , 2006, 40, 686-706.	4.1	33
115	Carbonic fluid inclusions in Paleoproterozoic carbonate-hosted Zn-Pb deposits in Griqualand West, South Africa. <i>South African Journal of Geology</i> , 2006, 109, 55-62.	1.2	7
116	The chemostratigraphy of a Paleoproterozoic MnF-BIF succession -the Voelwater Subgroup of the Transvaal Supergroup in Griqualand West, South Africa. <i>South African Journal of Geology</i> , 2006, 109, 63-80.	1.2	32
117	Cretaceous Karstic Cave-Fill Manganese-Lead-Barium Deposits of Imini, Morocco. <i>Economic Geology</i> , 2006, 101, 385-405.	3.8	26
118	Links of organic carbon cycling and burial to depositional depth gradients and establishment of a snowball Earth at 2.3Ga. Evidence from the Timeball Hill Formation, Transvaal Supergroup, South Africa.. <i>South African Journal of Geology</i> , 2006, 109, 109-122.	1.2	31
119	Paleomagnetism of the lower two unconformity-bounded sequences of the Waterberg Group, South Africa: Towards a better-defined apparent polar wander path for the Paleoproterozoic Kaapvaal Craton.. <i>South African Journal of Geology</i> , 2006, 109, 157-182.	1.2	36
120	Precise SHRIMP U-Pb zircon age constraints on the lower Waterberg and Soutpansberg Groups, South Africa. <i>South African Journal of Geology</i> , 2006, 109, 139-156.	1.2	55
121	Organotemplate structures in sedimentary manganese carbonates of the Neoproterozoic Penganga Group, Adilabad, India. <i>Journal of Earth System Science</i> , 2005, 114, 247-257.	1.3	6
122	Archean seismites of the Ventersdorp Supergroup, South Africa. <i>South African Journal of Geology</i> , 2005, 108, 345-350.	1.2	10
123	New interpretation of the origin of tiger's-eye: Comment and Reply. <i>Geology</i> , 2004, 32, e44-e45.	4.4	0
124	Organotemplate silica deposition in Neoproterozoic deep-marine environments: evidence from the Penganga Group, Adilabad, India. <i>Terra Nova</i> , 2004, 16, 338-343.	2.1	8
125	Mineral chemistry of sphalerite and galena from Pb-Zn mineralization hosted by the Transvaal Supergroup in Griqualand West, South Africa. <i>South African Journal of Geology</i> , 2004, 107, 341-354.	1.2	10
126	Ancient sub-seafloor alteration of basaltic andesites of the Ongeluk Formation, South Africa: implications for the chemistry of Paleoproterozoic seawater. <i>Chemical Geology</i> , 2003, 201, 37-53.	3.3	43

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127	Tropical laterites, life on land, and the history of atmospheric oxygen in the Paleoproterozoic. <i>Geology</i> , 2002, 30, 491.	4.4	143
128	Red Bed-Hosted Oncolitic Manganese Ore of the Paleoproterozoic Soutpansberg Group, Bronkhorstfontein, South Africa. <i>Economic Geology</i> , 2002, 97, 1151-1166.	3.8	14
129	Manganvesuvianite and tweddillite, two new Mn ³⁺ -silicate minerals from the Kalahari manganese fields, South Africa. <i>Mineralogical Magazine</i> , 2002, 66, 137-150.	1.4	42
130	Spectacular Minerals from the Kalahari Manganese Field, South Africa. <i>Rocks and Minerals</i> , 2002, 77, 94-107.	0.1	1
131	Acceptance of the Waldemar Lindgren Award for 2002. <i>Economic Geology</i> , 2002, 97, 1624-1625.	3.8	0
132	Formation of jasper and andradite during low-temperature hydrothermal seafloor metamorphism, Ongeluk Formation, South Africa. <i>Contributions To Mineralogy and Petrology</i> , 2001, 142, 27-42.	3.1	35
133	Late Paleoproterozoic Mn-rich oncooids: Earliest evidence for microbially mediated Mn precipitation. <i>Geology</i> , 2001, 29, 835.	4.4	19
134	Structure, compressibility, hydrogen bonding, and dehydration of the tetragonal Mn ³⁺ hydrogarnet, henritermierite. <i>American Mineralogist</i> , 2001, 86, 147-158.	1.9	34
135	THE MANGANESE FORMATION OF THE NEOPROTEROZOIC PENGANGA GROUP, INDIA—REVISION OF AN ENIGMA—A REPLY. <i>Economic Geology</i> , 2000, 95, 239-240.	3.8	7
136	Paleoproterozoic snowball Earth: Extreme climatic and geochemical global change and its biological consequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 1400-1405.	7.1	379
137	Supergene Ferromanganese Wad Deposits Derived from Permian Karoo Strata along the Late Cretaceous-Mid-Tertiary African Land Surface, Ryedale, South Africa. <i>Economic Geology</i> , 2000, 95, 203-220.	3.8	34
138	Fluid inclusion studies in cogenetic hematite, hausmannite, and gangue minerals from high-grade manganese ores in the Kalahari manganese field, South Africa. <i>Economic Geology</i> , 1999, 94, 589-595.	3.8	30
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