Edward M Ripley

List of Publications by Year
in descending order

118 papers	5,166 citations	66343 42 h-index	95266 68 g-index
119 all docs	119 docs citations	119 times ranked	2116 citing authors

#	Article	IF	Citations
1	Geology and geochemistry of the Tulaergen conduit-style magmatic Ni-Cu sulfide deposit in the Central Asian Orogenic Belt, northwestern China. Mineralium Deposita, 2022, 57, 319-342.	4.1	3
2	Magmatic origin for the massive sulfide ores in the sedimentary country rocks of maficâ€“ultramafic intrusions in the Midcontinent Rift System. Mineralium Deposita, 2022, 57, 1189-1210.	4.1	2
3	Sr-Nd-Hf-O isotope constraints on crustal contamination and mantle source variation of three Fe-Ti-V oxide ore deposits in the Emeishan large igneous province. Geochimica Et Cosmochimica Acta, 2021, 292, 364-381.	3.9	16
4	Behavior of Mg and C-O isotopes during mafic magma-carbonate interaction at the Jinchuan Ni-Cu deposit, North China Craton. Chemical Geology, 2021, 562, 120044.	3.3	6
5	Late Permianâ€“Early Triassic mafic dikes in the southwestern margin of the South China block: Evidence for Paleo-Pacific subduction. Lithos, 2021, 384-385, 105994.	1.4	7
6	280â€“310â€¯Ma rift-related basaltic magmatism in northern Baoshan, SW China: Implications for Gondwana reconstruction and mineral exploration. Gondwana Research, 2020, 77, 1-18.	6.0	17
7	Neoarchean arc basaltic magmatism and associated sulfide mineralization in the North China Craton: Evidence from the Taoke mafic-ultramafic complex in Shandong Province. Precambrian Research, 2020, 338, 105594.	2.7	2
8	Triassic arc mafic magmatism in North Qiangtang: Implications for tectonic reconstruction and mineral exploration. Gondwana Research, 2020, 82, 337-353.	6.0	7
9	Iron isotope fractionation during sulfide liquid segregation and crystallization at the Lengshuiqing Ni-Cu magmatic sulfide deposit, SW China. Geochimica Et Cosmochimica Acta, 2019, 261, 327-341.	3.9	11
10	Geochronology, petrology and Sr-Nd-Hf-S isotope geochemistry of the newly-discovered Qixin magmatic Ni-Cu sulfide prospect, southern Central Asian Orogenic Belt, NW China. Ore Geology Reviews, 2019, 111, 103002.	2.7	11
11	Olivine O isotope and trace element constraints on source variation of picrites in the Emeishan flood basalt province, SW China. Lithos, 2019, 338-339, 87-98.	1.4	19
12	Metallic Ore Deposits Associated With Mafic to Ultramafic Igneous Rocks. , 2018, , 79-111.		6
13	Petrogenesis and Ore Genesis of the Lengshuiqing Magmatic Sulfide Deposit in Southwest China: Constraints from Chalcophile Elements (PGE, Se) and Sr-Nd-Os-S Isotopes. Economic Geology, 2018, 113, 675-698.	3.8	17
14	Geochronological, Petrological, and Geochemical Studies of the Daxueshan Magmatic Ni-Cu Sulfide Deposit in the Tethyan Orogenic Belt, Southwest China. Economic Geology, 2018, 113, 1307-1332.	3.8	33
15	Sub-arc mantle heterogeneity in oxygen isotopes: evidence from Permian maficâ€“ultramafic intrusions in the Central Asian Orogenic Belt. Contributions To Mineralogy and Petrology, 2018, 173, 1.	3.1	9
16	Geochronological, mineralogical and geochemical studies of sulfide mineralization in the Podong mafic-ultramafic intrusion in northern Xinjiang, western China. Ore Geology Reviews, 2018, 101, 688-699.	2.7	11
17	Sr-Nd-Os-S isotope and PGE geochemistry of the Xiarihamu magmatic sulfide deposit in the Qinghaiâ€“Tibet plateau, China. Mineralium Deposita, 2017, 52, 51-68.	4.1	38
18	Isotope and trace element studies of the Xingdi II maficâ€“ultramafic complex in the northern rim of the Tarim Craton: Evidence for emplacement in a Neoproterozoic subduction zone. Lithos, 2017, 278-281, 274-284.	1.4	31

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19	Geochronology, petrology and geochemistry of the Beiligaimiao magmatic sulfide deposit in a Paleozoic active continental margin, North China. Ore Geology Reviews, 2017, 90, 607-617.	2.7	3
20	A REVIEW OF THE APPLICATION OF MULTIPLE S ISOTOPES TO MAGMATIC Ni-Cu-PGE DEPOSITS AND THE SIGNIFICANCE OF SPATIALLY VARIABLE Î”³³S VALUES. Economic Geology, 2017, 112, 983-991.	3.8	20
21	Geochronological and geochemical constraints on sulfide mineralization in the Qingmingshan mafic intrusion in the western part of the Proterozoic Jiangnan orogenic belt along the southern margin of the Yangtze Craton. Ore Geology Reviews, 2017, 90, 618-633.	2.7	6
22	Compositional variations of several Early Permian magmatic sulfide deposits in the Kalatongke district, southern Altai, western China: With genetic and exploration implications. Ore Geology Reviews, 2017, 90, 576-590.	2.7	15
23	An integrated chemical and oxygen isotopic study of primitive olivine grains in picrites from the Emeishan Large Igneous Province, SW China: Evidence for oxygen isotope heterogeneity in mantle sources. Geochimica Et Cosmochimica Acta, 2017, 215, 263-276.	3.9	33
24	Multiple S isotope studies of the Stillwater Complex and country rocks: An assessment of the role of crustal S in the origin of PGE enrichment found in the J-M Reef and related rocks. Geochimica Et Cosmochimica Acta, 2017, 214, 226-245.	3.9	18
25	Association of Mg-rich Olivine with Magnetite as a Result of Brucite Marble Assimilation by Basaltic Magma in the Emeishan Large Igneous Province, SW China. Journal of Petrology, 2017, 58, 699-714.	2.8	19
26	Neoproterozoic subduction-related basaltic magmatism in the northern margin of the Tarim Craton: Implications for Rodinia reconstruction. Precambrian Research, 2016, 286, 370-378.	2.7	49
27	Geochronological, Petrological, and Geochemical Constraints on Ni-Cu Sulfide Mineralization in the Poyi Ultramafic-Troctolitic Intrusion in the Northeast Rim of the Tarim Craton, Western China. Economic Geology, 2016, 111, 1465-1484.	3.8	65
28	Highly Siderophile and Strongly Chalcophile Elements in Magmatic Ore Deposits. , 2016, , 725-774.		8
29	Chalcophile element (Ni, Cu, PGE, and Au) variations in the Tamarack magmatic sulfide deposit in the Midcontinent Rift System: implications for dynamic ore-forming processes. Mineralium Deposita, 2016, 51, 937-951.	4.1	15
30	Os and S isotope studies of ultramafic rocks in the Duke Island Complex, Alaska: variable degrees of crustal contamination of magmas in an arc setting and implications for Niâ€“Cuâ€“PGE sulfide mineralization. Mineralium Deposita, 2016, 51, 903-918.	4.1	7
31	Multiple S isotopes, zircon Hf isotopes, whole-rock Sr-Nd isotopes, and spatial variations of PGE tenors in the Jinchuan Ni-Cu-PGE deposit, NW China. Mineralium Deposita, 2016, 51, 557-574.	4.1	53
32	The significance of PGE variations with Srâ€“Nd isotopes and lithophile elements in the Emeishan flood basalt province from SW China to northern Vietnam. Lithos, 2016, 248-251, 1-11.	1.4	31
33	Highly Siderophile and Strongly Chalcophile Elements in Magmatic Ore Deposits. Reviews in Mineralogy and Geochemistry, 2016, 81, 725-774.	4.8	121
34	Geochronology, petrology and Hfâ€“S isotope geochemistry of the newly-discovered Xiarihamu magmatic Niâ€“Cu sulfide deposit in the Qinghaiâ€“Tibet plateau, western China. Lithos, 2015, 216-217, 224-240.	1.4	112
35	Trace element indiscrimination diagrams. Lithos, 2015, 232, 76-83.	1.4	162
36	Integrated Oâ€“Srâ€“Nd isotope constraints on the evolution of four important Feâ€“Ti oxide ore-bearing maficâ€“ultramafic intrusions in the Emeishan large igneous province, SW China. Chemical Geology, 2015, 401, 28-42.	3.3	23

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37	Cu isotope variations between conduit and sheet-style Niâ€“Cuâ€“PGE sulfide mineralization in the Midcontinent Rift System, North America. Chemical Geology, 2015, 414, 59-68.	3.3	29
38	Geochronological and Heâ€“Arâ€“S isotopic constraints on the origin of the Sandaowanzi gold-telluride deposit, northeastern China. Lithos, 2015, 212-215, 338-352.	1.4	57
39	Petrogenesis of the Niâ€“Cuâ€“PGE sulfide-bearing Tamarack Intrusive Complex, Midcontinent Rift System, Minnesota. Lithos, 2015, 212-215, 16-31.	1.4	26
40	Sulfide mineralization associated with arc magmatism in the Qilian Block, western China: zircon U-Pb age and Sr-Nd-Os-S isotope constraints from the Yulonggou and Yaqu gabbroic intrusions. Mineralium Deposita, 2014, 49, 279-292.	4.1	28
41	Detrital zircon constraint on the timing of amalgamation between Alxa and Ordos, with exploration implications for Jinchuan-type Niâ€“Cu ore deposit in China. Precambrian Research, 2014, 255, 748-755.	2.7	25
42	Silicate melt removal and sulfide liquid retention in ultramafic rocks of the Duke Island Complex, Southeastern Alaska. Mineralogy and Petrology, 2014, 108, 727-740.	1.1	5
43	Petrogenesis and ore genesis of the Permian Huangshanxi sulfide ore-bearing mafic-ultramafic intrusion in the Central Asian Orogenic Belt, western China. Lithos, 2014, 200-201, 111-125.	1.4	59
44	Variations of olivine Foâ€“Ni contents and highly chalcophile element abundances in arc ultramafic cumulates, southern Alaska. Chemical Geology, 2013, 351, 15-28.	3.3	37
45	Sulfide Saturation in Mafic Magmas: Is External Sulfur Required for Magmatic Ni-Cu-(PGE) Ore Genesis?. Economic Geology, 2013, 108, 45-58.	3.8	208
46	Geochronology, petrology and geochemistry of the Nanlinshan and Banpo maficâ€“ultramafic intrusions: implications for subduction initiation in the eastern Paleo-Tethys. Contributions To Mineralogy and Petrology, 2012, 164, 773-788.	3.1	56
47	Os, Nd, O and S isotope constraints on country rock contamination in the conduit-related Eagle Cuâ€“Niâ€“(PGE) deposit, Midcontinent Rift System, Upper Michigan. Geochimica Et Cosmochimica Acta, 2012, 89, 10-30.	3.9	54
48	Controls on PGE fractionation in the Emeishan picrites and basalts: Constraints from integrated lithophileâ€“siderophile elements and Srâ€“Nd isotopes. Geochimica Et Cosmochimica Acta, 2012, 90, 12-32.	3.9	71
49	PGE geochemistry of the Eagle Niâ€“Cuâ€“(PGE) deposit, Upper Michigan: constraints on ore genesis in a dynamic magma conduit. Mineralium Deposita, 2012, 47, 89-104.	4.1	50
50	The Kalatongke magmatic Niâ€“Cu deposits in the Central Asian Orogenic Belt, NW China: product of slab window magmatism?. Mineralium Deposita, 2012, 47, 51-67.	4.1	96
51	Low-Ca contents and kink-banded textures are not unique to mantle olivine: evidence from the Duke Island Complex, Alaska. Mineralogy and Petrology, 2012, 104, 147-153.	1.1	61
52	16. The Role of Magmatic Sulfur in the Formation of Ore Deposits. , 2011, , 513-578.		8
53	The Permian Huangshanxi Cuâ€“Ni deposit in western China: intrusiveâ€“extrusive association, ore genesis, and exploration implications. Mineralium Deposita, 2011, 46, 153-170.	4.1	108
54	Precise Uâ€“Pb zirconâ€“baddeleyite age of the Jinchuan sulfide ore-bearing ultramafic intrusion, western China. Mineralium Deposita, 2010, 45, 3-9.	4.1	79

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55	The Eagle and East Eagle sulfide oreâ€bearing maficâ€ultramafic intrusions in the Midcontinent Rift System, upper Michigan: Geochronology and petrologic evolution. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	43
56	Micro-scale S isotope studies of the Kharaelakh intrusion, Norilâ€™sk region, Siberia: Constraints on the genesis of coexisting anhydrite and sulfide minerals. Geochimica Et Cosmochimica Acta, 2010, 74, 634-644.	3.9	41
57	Variations in Os isotope ratios of pyrrhotite as a result of waterâ€“rock and magmaâ€“rock interaction: Constraints from Virginia Formationâ€“Duluth Complex contact zones. Geochimica Et Cosmochimica Acta, 2010, 74, 4772-4792.	3.9	7
58	The relative effects of composition and temperature on olivine-liquid Ni partitioning: Statistical deconvolution and implications for petrologic modeling. Chemical Geology, 2010, 275, 99-104.	3.3	114
59	Mineral compositional constraints on petrogenesis and oxide ore genesis of the late Permian Panzhihua layered gabbroic intrusion, SW China. Lithos, 2009, 110, 199-214.	1.4	118
60	Geochemical and isotopic studies of the Lady of the Lake Intrusion and associated tobacco root Batholith: Constraints on the genetic relation between Cretaceous mafic and silicic magmatism in Southwestern Montana. Lithos, 2009, 113, 555-569.	1.4	4
61	Oxygen isotopic variability associated with multiple stages of serpentinization, Duke Island Complex, southeastern Alaska. Geochimica Et Cosmochimica Acta, 2009, 73, 6298-6312.	3.9	9
62	Magmatic anhydrite-sulfide assemblages in the plumbing system of the Siberian Traps. Geology, 2009, 37, 259-262.	4.4	51
63	Controls on variations of platinum-group element concentrations in the sulfide ores of the Jinchuan Ni-Cu deposit, western China. Mineralium Deposita, 2008, 43, 609-622.	4.1	43
64	Mineralogical, petrological, and geochemical studies of the Limahe maficâ€“ultramatic intrusion and associated Niâ€“Cu sulfide ores, SW China. Mineralium Deposita, 2008, 43, 849-872.	4.1	74
65	Abundant Feâ€“Ti oxide inclusions in olivine from the Panzhihua and Hongge layered intrusions, SW China: evidence for early saturation of Feâ€“Ti oxides in ferrobasaltic magma. Contributions To Mineralogy and Petrology, 2008, 156, 307-321.	3.1	107
66	Geochemical constraints on the origin of sulfide mineralization in the Duke Island Complex, southeastern Alaska. Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	116
67	Cr-spinel/olivine and Cr-spinel/liquid nickel partition coefficients from natural samples. Geochimica Et Cosmochimica Acta, 2008, 72, 1678-1684.	3.9	11
68	Reâ€“Os and O isotopic variations in magnetite from the contact zone of the Duluth Complex and the Biwabik Iron Formation, northeastern Minnesota. Chemical Geology, 2008, 249, 213-226.	3.3	13
69	Stable isotope, fluid inclusion, and mineral chemistry constraints on contamination and hydrothermal alteration in the Uitkomst Complex, South Africa. Chemical Geology, 2008, 257, 129-138.	3.3	11
70	Os isotope systematics of mesoarchean chromitite-PGE deposits in the Singhbhum Craton (India): Implications for the evolution of lithospheric mantle. Chemical Geology, 2007, 244, 391-408.	3.3	57
71	Oxygen isotope partitioning during oxidation of pyrite by H2O2 and its dependence on temperature. Geochimica Et Cosmochimica Acta, 2007, 71, 5072-5088.	3.9	34
72	Applications of Stable and Radiogenic Isotopes to Magmatic Cu-Ni-PGE Deposits: Examples and Cautions. Earth Science Frontiers, 2007, 14, 124-131.	0.6	17

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73	Controls on the Fo and Ni Contents of Olivine in Sulfide-bearing Mafic/Ultramafic Intrusions: Principles, Modeling, and Examples from Voisey's Bay. Earth Science Frontiers, 2007, 14, 177-183.	0.6	48
74	Petrogenesis of the Ptâ€“Pd mineralized Jinbaoshan ultramafic intrusion in the Permian Emeishan Large Igneous Province, SW China. Contributions To Mineralogy and Petrology, 2007, 153, 321-337.	3.1	76
75	Chemical and mineralogical heterogeneity in the basal zone of the Partridge River Intrusion: implications for the origin of Cuâ€“Ni sulfide mineralization in the Duluth Complex, midcontinent rift system. Contributions To Mineralogy and Petrology, 2007, 154, 35-54.	3.1	51
76	Mineralogic and sulfur isotopic effects accompanying oxidation of pyrite in millimolar solutions of hydrogen peroxide at temperatures from 4 to 150Â°C. Geochimica Et Cosmochimica Acta, 2006, 70, 4889-4905.	3.9	64
77	The genesis of Archaean chromitites from the Nuasahi and Sukinda massifs in the Singhbhum Craton, India. Precambrian Research, 2006, 148, 45-66.	2.7	157
78	Empirical equations to predict the sulfur content of mafic magmas at sulfide saturation and applications to magmatic sulfide deposits. Mineralium Deposita, 2005, 40, 218-230.	4.1	198
79	Compositional variations of olivine from the Jinchuan Niâ€“Cu sulfide deposit, western China: implications for ore genesis. Mineralium Deposita, 2004, 39, 159-172.	4.1	107
80	Sulfur isotopic studies of continental flood basalts in the Norilâ€™sk region: implications for the association between lavas and ore-bearing intrusions. Geochimica Et Cosmochimica Acta, 2003, 67, 2805-2817.	3.9	126
81	SULFUR ISOTOPE EXCHANGE AND METAL ENRICHMENT IN THE FORMATION OF MAGMATIC Cu-Ni-(PGE) DEPOSITS. Economic Geology, 2003, 98, 635-641.	3.8	137
82	Copper solubility in a basaltic melt and sulfide liquid/silicate melt partition coefficients of Cu and Fe. Geochimica Et Cosmochimica Acta, 2002, 66, 2791-2800.	3.9	132
83	Reâ€“Os isotopic composition and PGE contents of proterozoic carbonaceous argillites, Virginia Formation, Northeastern Minnesota. Organic Geochemistry, 2001, 32, 857-866.	1.8	24
84	Re-Os isotopic variations in carbonaceous pelites hosting the Duluth Complex: implications for metamorphic and metasomatic processes associated with mafic magma chambers. Geochimica Et Cosmochimica Acta, 2001, 65, 2965-2978.	3.9	32
85	Mechanisms and patterns of O and H isotopic exchange during hydrothermal alteration of the North Shore Volcanic Group and related hypabyssal sills, Midcontinent Rift System, Minnesota. Chemical Geology, 2001, 172, 331-345.	3.3	5
86	Critical factors for the formation of a nickel-copper deposit in an evolved magma system: lessons from a comparison of the Pants Lake and Voisey's Bay sulfide occurrences in Labrador, Canada. Mineralium Deposita, 2001, 36, 85-92.	4.1	42
87	EXPERIMENTAL SULFUR ISOTOPE STUDIES OF THE PYRITE TO PYRRHOTITE CONVERSION IN A HYDROGEN ATMOSPHERE. Economic Geology, 2000, 95, 1551-1554.	3.8	9
88	Sulfur and oxygen isotopic evidence of country rock contamination in the Voisey's Bay Niâ€“Cuâ€“Co deposit, Labrador, Canada. Lithos, 1999, 47, 53-68.	1.4	113
89	Stable isotopic studies of mafic sills and proterozoic metasedimentary rocks located beneath the Duluth Complex, Minnesota. Geochimica Et Cosmochimica Acta, 1999, 63, 657-674.	3.9	10
90	Oxygen isotopic systematics of an open-system magma chamber:. Geochimica Et Cosmochimica Acta, 1999, 63, 675-685.	3.9	17

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91	Hydrothermal flow systems in the Midcontinent Rift: oxygen and hydrogen isotopic studies of the North Shore Volcanic Group and related hypabyssal sills, Minnesota. Geochimica Et Cosmochimica Acta, 1999, 63, 1787-1804.	3.9	8
92	Re-Os, Sm-Nd, and Pb isotopic constraints on mantle and crustal contributions to magmatic sulfide mineralization in the Duluth Complex. Geochimica Et Cosmochimica Acta, 1998, 62, 3349-3365.	3.9	73
93	Geodynamics of magmatic Cu-Ni-PGE sulfide deposits; new insights from the Re-Os isotope system. Economic Geology, 1998, 93, 121-136.	3.8	76
94	Evidence for sulfide and Fe-Ti-P-rich liquid immiscibility in the Duluth Complex, Minnesota. Economic Geology, 1998, 93, 1052-1062.	3.8	50
95	Sulfur and oxygen isotope studies of the interaction between pelitic xenoliths and basaltic magma at the Babbitt and Serpentine Cu-Ni deposits, Duluth Complex, Minnesota. Economic Geology, 1998, 93, 1063-1075.	3.8	32
96	Meteoric water induced selvage-style greisen alteration in the Achala Batholith, central Argentina. Chemical Geology, 1996, 133, 261-277.	3.3	10
97	Mineralogic and Oxygen Isotopic Studies of Open System Magmatie Processes in the South Kawishiwi Intrusion, Spruce Road Area, Duluth Complex, Minnesota. Journal of Petrology, 1996, 37, 1437-1461.	2.8	25
98	Solubility of copper in a sulfur-free mafic melt. Geochimica Et Cosmochimica Acta, 1995, 59, 5027-5030.	3.9	31
99	Ion microprobe analysis of platinum-group elements in sulfide and arsenide minerals from the Babbitt Cu-Ni deposit, Duluth Complex, Minnesota. Economic Geology, 1994, 89, 201-210.	3.8	16
100	Hydrothermal alteration in the Babbitt Cu-Ni deposit, Duluth Complex; mineralogy and hydrogen isotope systematics. Economic Geology, 1993, 88, 679-696.	3.8	29
101	Effects of devolatilization on the hydrogen isotopic composition of pelitic rocks in the contact aureole of the Duluth Complex, northeastern Minnesota, U.S.A.. Chemical Geology, 1992, 102, 185-197.	3.3	10
102	Hydrothermal alteration and REE-Th mineralization at the Rodeo de Los Molles deposit, Las Chacras batholith, central Argentina. Contributions To Mineralogy and Petrology, 1992, 110, 370-386.	3.1	17
103	Reply to Comment by A. E. Williams-Jones and S. A. Wood on â€œFluid inclusion studies of the Rodeo de Los Molles REE and Th deposit, Las Chacras Batholith, central Argentinaâ€• Geochimica Et Cosmochimica Acta, 1991, 55, 2065-2066.	3.9	3
104	Sulfur isotope studies of the Stillwater Complex and associated rocks, Montana. Economic Geology, 1990, 85, 376-391.	3.8	21
105	Platinum-group element geochemistry of Cu-Ni mineralization in the basal zone of the Babbitt Deposit, Duluth Complex, Minnesota. Economic Geology, 1990, 85, 830-841.	3.8	30
106	Distribution and geochemical characteristics of metal enrichment in the New Albany Shale (Devonian-Mississippian), Indiana. Economic Geology, 1990, 85, 1790-1807.	3.8	72
107	Se/S ratios of the Virginia Formation and Cu-Ni sulfide mineralization in the Babbitt area, Duluth Complex, Minnesota. Economic Geology, 1990, 85, 1935-1940.	3.8	16
108	Fluid inclusion studies of the Rodeo de Los Molles REE and Th deposit, Las Chacras Batholith, Central Argentina. Geochimica Et Cosmochimica Acta, 1990, 54, 663-671.	3.9	25

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109	Carbon isotopic studies of metasedimentary and igneous rocks at the Babbitt Cuî—¸Ni deposit, Duluth complex, Minnesota, U.S.A.. Chemical Geology: Isotope Geoscience Section, 1989, 73, 319-342.	0.6	11
110	Petrogenesis of pelitic xenoliths at the Babbitt Cuî—¸Ni deposit, Duluth Complex, Minnesota, U.S.A.. Lithos, 1988, 21, 143-159.	1.4	40
111	Sulfur and oxygen isotope studies of melt-country rock interaction, Babbitt Cu-Ni deposit, Duluth Complex, Minnesota. Economic Geology, 1987, 82, 87-107.	3.8	67
112	Origin and concentration mechanisms of copper and nickel in Duluth Complex sulfide zones; a dilemma. Economic Geology, 1986, 81, 974-978.	3.8	27
113	Petrologic and stable isotope study of the gold-bearing breccia pipe at the Golden Sunlight Deposit, Montana. Economic Geology, 1985, 80, 1689-1706.	3.8	23
114	Petrochemical studies of the Dunka Road Cu-Ni deposit, Duluth Complex, Minnesota. Economic Geology, 1983, 78, 1222-1238.	3.8	28
115	Mineralogical and chemical variations within layered sills of the Deer Lake Complex, Minnesota. Contributions To Mineralogy and Petrology, 1982, 80, 230-239.	3.1	5
116	Sulfur isotopic studies of Archean slate and graywacke from northern Minnesota: evidence for the existence of sulfate reducing bacteria. Geochimica Et Cosmochimica Acta, 1981, 45, 839-846.	3.9	25
117	Sulfur isotopic studies of the Dunka Road Cu-Ni deposit, Duluth Complex, Minnesota. Economic Geology, 1981, 76, 610-620.	3.8	102
118	Sulfide petrology of basal chilled margins in layered sills of the Archean Deer Lake Complex, Minnesota. Contributions To Mineralogy and Petrology, 1979, 69, 345-354.	3.1	7