

# Robert A Creaser

## List of Publications by Year in descending order

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184  
papers

10,923  
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#	ARTICLE	IF	CITATIONS
1	Re-Os systematics and chronology of graphite. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 323, 164-182.	3.9	6
2	Elemental and isotopic compositions of trench-slope black shales, Bohemian Massif, with implications for oceanic and atmospheric oxygenation in early Cambrian. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 564, 110195.	2.3	6
3	Osmium isotopic constraints on sulphide formation in the epithermal environment of magmatic-hydrothermal mineral deposits. <i>Chemical Geology</i> , 2021, 564, 120053.	3.3	11
4	On the timing and metallogenic implications of the sediment-hosted stratiform copper-silver mineralization in the Creston Formation (Belt-Purcell Supergroup), British Columbia, Canada. <i>Ore Geology Reviews</i> , 2021, 131, 104032.	2.7	2
5	Synsedimentary to Diagenetic Cu±Co Mineralization in Mesoproterozoic Pyritic Shale Driven by Magmatic-Hydrothermal Activity on the Edge of the Great Falls Tectonic Zone-Black Butte, Helena Embayment, Belt-Purcell Basin, USA: Evidence from Sulfide Re-Os Isotope Geochemistry. <i>Lithosphere</i> , 2021, 2021,...	1.4	2
6	Understanding the microscale spatial distribution and mineralogical residency of Re in pyrite: Examples from carbonate-hosted Zn-Pb ores and implications for pyrite Re-Os geochronology. <i>Chemical Geology</i> , 2020, 533, 119427.	3.3	25
7	The Tongkuangyu Cu Deposit, Trans-North China Orogen: A Metamorphosed Paleoproterozoic Porphyry Cu Deposit. <i>Economic Geology</i> , 2020, 115, 51-77.	3.8	14
8	Mesoproterozoic porphyry copper mineralization at Mamainse Point, Ontario, Canada in the context of Midcontinent rift metallogeny. <i>Ore Geology Reviews</i> , 2020, 127, 103831.	2.7	4
9	High-precision ReOs dating of Lower Jurassic shale packages from the Western Canadian Sedimentary Basin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 560, 110010.	2.3	3
10	Carmacks Copper Cu-Au-Ag Deposit: Mineralization and Postore Migmatization of a Stikine Arc Porphyry Copper System in Yukon, Canada. <i>Economic Geology</i> , 2020, 115, 1413-1442.	3.8	10
11	The Productora Cu-Au-Mo Deposit, Chile: A Mesozoic Magmatic-Hydrothermal Breccia Complex with Both Porphyry and Iron Oxide Cu-Au Affinities. <i>Economic Geology</i> , 2020, 115, 543-580.	3.8	3
12	ROSEN, BULGARIA: A NEWLY RECOGNIZED IRON OXIDE-COPPER-GOLD DISTRICT. <i>Economic Geology</i> , 2020, 115, 481-488.	3.8	5
13	The Mineralogical Evolution of the Clastic Dominant-Type Zn-Pb ± Ba Deposits at Macmillan Pass (Yukon, Canada)-Tracing Subseafloor Barite Replacement in the Layered Mineralization. <i>Economic Geology</i> , 2020, 115, 961-979.	3.8	11
14	Biomass-Derived Provenance Dominates Glacial Surface Organic Carbon in the Western Himalaya. <i>Environmental Science &amp; Technology</i> , 2020, 54, 8612-8621.	10.0	11
15	Genetic link between gold mineralization and porphyry magmatism in the Baogutu district, West Junggar, NW China: Constraints from ReOs and S isotopes in sulphide. <i>Geological Journal</i> , 2020, 55, 6098-6105.	1.3	4
16	Chronology of the KaÅipperskÃ© Hory orogenic gold deposit, Bohemian Massif, Czech Republic. <i>Mineralium Deposita</i> , 2019, 54, 473-484.	4.1	2
17	Tectonic Triggers for Postsubduction Magmatic-Hydrothermal Gold Metallogeny in the Late Cenozoic Anatolian Metallogenic Trend, Turkey. <i>Economic Geology</i> , 2019, 114, 1339-1363.	3.8	20
18	The Evolution and Structural Modification of the Supergiant Mitchell Au-Cu Porphyry, Northwestern British Columbia. <i>Economic Geology</i> , 2019, 114, 303-324.	3.8	3

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19	Radiogenic isotope chemostratigraphy reveals marine and nonmarine depositional environments in the late Mesoproterozoic Borden Basin, Arctic Canada. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1965-1978.	3.3	15
20	Athapuscow aulacogen revisited: Geochronology and geochemistry of the 2046 Ma Union Island Group mafic magmatism, East Arm of Great Slave Lake, Northwest Territories, Canada. <i>Precambrian Research</i> , 2019, 321, 85-102.	2.7	12
21	A model for the oceanic mass balance of rhenium and implications for the extent of Proterozoic ocean anoxia. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 227, 75-95.	3.9	66
22	Characterising the southern part of the Hearne Province: A forgotten part of Canada's shield revisited. <i>Precambrian Research</i> , 2018, 307, 51-65.	2.7	9
23	Diamond ages from Victor (Superior Craton): Intra-mantle cycling of volatiles (C, N, S) during supercontinent reorganisation. <i>Earth and Planetary Science Letters</i> , 2018, 490, 77-87.	4.4	33
24	Multiphase formation of the Ob <sup>1</sup> polymetallic skarn deposit, West Sudetes, Bohemian Massif: geochemistry and Re-Os dating of sulfide mineralization. <i>Mineralium Deposita</i> , 2018, 53, 665-682.	4.1	0
25	Elevated Magmatic Sulfur and Chlorine Contents in Ore-Forming Magmas at the Red Chris Porphyry Cu-Au Deposit, Northern British Columbia, Canada. <i>Economic Geology</i> , 2018, 113, 1047-1075.	3.8	70
26	Precise age of <i>Bangiomorpha pubescens</i> dates the origin of eukaryotic photosynthesis. <i>Geology</i> , 2018, 46, 135-138.	4.4	148
27	Geochronology of the Tumpangpitu Porphyry Au-Cu-Mo and High-Sulfidation Epithermal Au-Ag-Cu Deposit: Evidence for Pre- and Postmineralization Diatremes in the Tujuh Bukit District, Southeast Java, Indonesia. <i>Economic Geology</i> , 2018, 113, 163-192.	3.8	25
28	Geology and Geochronology of the Golpu Porphyry and Wafi Epithermal Deposit, Morobe Province, Papua New Guinea. <i>Economic Geology</i> , 2018, 113, 271-294.	3.8	26
29	Sulphide Re-Os geochronology links orogenesis, salt and Cu-Co ores in the Central African Copperbelt. <i>Scientific Reports</i> , 2018, 8, 14946.	3.3	25
30	Geology and resource development of the Kelvin kimberlite pipe, Northwest Territories, Canada. <i>Mineralogy and Petrology</i> , 2018, 112, 463-475.	1.1	2
31	Contrasting Tectonic Settings and Sulfur Contents of Magmas Associated with Cretaceous Porphyry Cu ± Mo ± Au and Intrusion-Related Iron Oxide Cu-Au Deposits in Northern Chile. <i>Economic Geology</i> , 2017, 112, 295-318.	3.8	68
32	The High-Grade Mo-Re Merlin Deposit, Cloncurry District, Australia: Paragenesis and Geochronology of Hydrothermal Alteration and Ore Formation. <i>Economic Geology</i> , 2017, 112, 397-422.	3.8	17
33	The origin of Late Devonian (Frasnian) stratiform and stratabound mudstone-hosted barite in the Selwyn Basin, Northwest Territories, Canada. <i>Marine and Petroleum Geology</i> , 2017, 85, 1-15.	3.3	24
34	Temporal evolution of mineralization events in the Bohemian Massif inferred from the Re-Os geochronology of molybdenite. <i>Mineralium Deposita</i> , 2017, 52, 651-662.	4.1	18
35	Geology and Genesis of the Cerro la Mina Porphyry-High Sulfidation Au (Cu-Mo) Prospect, Mexico. <i>Economic Geology</i> , 2017, 112, 799-827.	3.8	11
36	Age of the Zambian Copperbelt. <i>Mineralium Deposita</i> , 2017, 52, 1245-1268.	4.1	57

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37	Reply to discussions of "Age of the Zambian Copperbelt" by Hitzman and Broughton and Muchez et al.. <i>Mineralium Deposita</i> , 2017, 52, 1277-1281.	4.1	10
38	Re-Os Systematics of Allingite and Arsenopyrite In Granulite-Facies Garnet Rocks: Insights Into the Metamorphic History and Thermal Evolution of the Broken Hill Block During the Early Mesoproterozoic (New South Wales, Australia). <i>Canadian Mineralogist</i> , 2017, 55, 29-44.	1.0	14
39	Petrogenesis and Magmatic Evolution of the Guichon Creek Batholith: Highland Valley Porphyry Cu ± (Mo) District, South-Central British Columbia. <i>Economic Geology</i> , 2017, 112, 1857-1888.	3.8	25
40	Linking the Timing of Disseminated Granite-Hosted Gold-Rich Deposits to Paleoproterozoic Felsic Magmatism at Alta Floresta Gold Province, Amazon Craton, Brazil: Insights from Pyrite and Molybdenite Re-Os Geochronology. <i>Economic Geology</i> , 2017, 112, 1937-1957.	3.8	16
41	Geology and age of the Morrison porphyry Cu-Au-Mo deposit, Babine Lake area, British Columbia. <i>Canadian Journal of Earth Sciences</i> , 2016, 53, 950-978.	1.3	1
42	The nature of Mesoarchean seawater and continental weathering in 2.85 Ga banded iron formation, Slave craton, NW Canada. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 194, 34-56.	3.9	27
43	No evidence for Hadean continental crust within Earth's oldest evolved rock unit. <i>Nature Geoscience</i> , 2016, 9, 777-780.	12.9	99
44	Assimilation, differentiation, and thickening during formation of arc crust in space and time: The Jurassic Bonanza arc, Vancouver Island, Canada. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 543-557.	3.3	10
45	The Mesoproterozoic Abra polymetallic sedimentary rock-hosted mineral deposit, Edmund Basin, Western Australia. <i>Ore Geology Reviews</i> , 2016, 76, 442-462.	2.7	19
46	Re-Os dating of pyrite confirms an early diagenetic onset and extended duration of mineralization in the Irish Zn-Pb ore field. <i>Geology</i> , 2015, 43, 143-146.	4.4	44
47	Timing of multiple hydrothermal events in the iron oxide-copper-gold deposits of the Southern Copper Belt, Carajás Province, Brazil. <i>Mineralium Deposita</i> , 2015, 50, 517-546.	4.1	81
48	U-Pb geochronology and Sr/Nd isotope compositions of groundmass perovskite from the newly discovered Jurassic Chidliak kimberlite field, Baffin Island, Canada. <i>Earth and Planetary Science Letters</i> , 2015, 415, 183-199.	4.4	33
49	The Distribution and Timing of Molybdenite Mineralization at the El Teniente Cu-Mo Porphyry Deposit, Chile. <i>Economic Geology</i> , 2015, 110, 387-421.	3.8	68
50	An Example of Synorogenic Sediment-Hosted Copper Mineralization: Geologic and Geochronologic Evidence from the Paleoproterozoic Nussir Deposit, Finnmark, Arctic Norway. <i>Economic Geology</i> , 2015, 110, 677-689.	3.8	21
51	Neoproterozoic and Paleoproterozoic Iron Oxide-Copper-Gold Events at the Sossego Deposit, Carajas Province, Brazil: Re-Os and U-Pb Geochronological Evidence. <i>Economic Geology</i> , 2015, 110, 809-835.	3.8	69
52	Uranium and molybdenum isotope evidence for an episode of widespread ocean oxygenation during the late Ediacaran Period. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 156, 173-193.	3.9	222
53	The role of Indian and Tibetan lithosphere in spatial distribution of Cenozoic magmatism and porphyry Cu-Mo deposits in the Gangdese belt, southern Tibet. <i>Earth-Science Reviews</i> , 2015, 150, 68-94.	9.1	118
54	Implications of high-precision Re-Os molybdenite dating of the Navachab orogenic gold deposit, Namibia. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2015, 15, 125-130.	0.9	7

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55	Zircon U <sup>238</sup> /Pb age and Sr <sup>87</sup> /Nd <sup>143</sup> /Hf <sup>176</sup> /O isotope geochemistry of the Paleocene–Eocene igneous rocks in western Gangdese: Evidence for the timing of Neo-Tethyan slab breakoff. <i>Lithos</i> , 2015, 224-225, 179-194.	1.4	71
56	Transient episodes of mild environmental oxygenation and oxidative continental weathering during the late Archean. <i>Science Advances</i> , 2015, 1, e1500777.	10.3	61
57	The late Oligocene Cevizlidere Cu-Au-Mo deposit, Tunceli Province, eastern Turkey. <i>Mineralium Deposita</i> , 2015, 50, 245-263.	4.1	14
58	Crustal Sulfide Minerals (Re-Os). <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 191-196.	0.1	1
59	Retrogression of eclogite-facies shear zones by short-lived fluid infiltration during the Caledonian orogeny, Lofoten islands, Norway. <i>Geological Society Special Publication</i> , 2014, 390, 443-466.	1.3	7
60	Meso- and Neoproterozoic evolution of the Island Lake greenstone belt and the northwestern Superior Province: Evidence from litho-geochemistry, Nd isotope data, and U <sup>238</sup> /Pb zircon geochronology. <i>Precambrian Research</i> , 2014, 246, 160-179.	2.7	13
61	Preservation of Re <sup>187</sup> /Os isotope signatures in pyrite throughout low- <i>T</i> , high- <i>P</i> eclogite facies metamorphism. <i>Terra Nova</i> , 2014, 26, 402-407.	2.1	9
62	Temporal Evolution of the Western Porphyry Cu-Au Systems at Reko Diq, Balochistan, Western Pakistan. <i>Economic Geology</i> , 2014, 109, 2003-2021.	3.8	20
63	Besshi-Type VMS Deposits of the Rudny Altai (Central Asia). <i>Economic Geology</i> , 2014, 109, 1403-1430.	3.8	34
64	SQUAW PEAK, ARIZONA: PALEOPROTEROZOIC PRECURSOR TO THE LARAMIDE PORPHYRY COPPER PROVINCE. <i>Economic Geology</i> , 2014, 109, 1171-1177.	3.8	12
65	Geologic History and Timing of Mineralization at the Haile Gold Mine, South Carolina. <i>Economic Geology</i> , 2014, 109, 1863-1881.	3.8	6
66	Crustal Sulfide Minerals (Re-Os). , 2014, , 1-8.		0
67	The geochemical composition of serpentinites in the Mesoarchean Tartoq Group, SW Greenland: Harzburgitic cumulates or melt-modified mantle?. <i>Lithos</i> , 2014, 198-199, 103-116.	1.4	27
68	Genesis of the Au <sup>238</sup> -Bi <sup>210</sup> -Cu <sup>64</sup> -As, Cu <sup>64</sup> -Mo <sup>98</sup> -W, and base <sup>64</sup> -metal Au <sup>238</sup> -Ag mineralization at the Mountain Freegold (Yukon, Canada): constraints from Ar <sup>40</sup> -Ar and Re <sup>187</sup> -Os geochronology and Pb and stable isotope compositions. <i>Mineralium Deposita</i> , 2013, 48, 991-1017.	4.1	9
69	Domestic cattle mobility in early farming villages in southern Africa: harvest profiles and strontium ( <sup>87</sup> Sr/ <sup>86</sup> Sr) isotope analyses from Early Iron Age sites in the lower Thukela River Valley of South Africa. <i>Archaeological and Anthropological Sciences</i> , 2013, 5, 129-144.	1.8	15
70	Depositional age of the early Paleoproterozoic Klippits Member, Nelani Formation (Ghaap Group), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Paleoproterozoic global correlations. <i>Precambrian Research</i> , 2013, 237, 1-12.	2.7	24
71	Constraining the depositional history of the Neoproterozoic Shaler Supergroup, Amundsen Basin, NW Canada: Rhenium-osmium dating of black shales from the Wynnatt and Boot Inlet Formations. <i>Precambrian Research</i> , 2013, 236, 124-131.	2.7	51
72	A petrological and geochronological study of a 360 Ma metallogenic event in Maritime Canada with implications for lithophile-metal mineralization in the Canadian Appalachians. <i>Canadian Journal of Earth Sciences</i> , 2013, 50, 1147-1163.	1.3	7

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73	Age and tectonomagmatic setting of the Eocene $\epsilon$ -Kabata magmatic complex and porphyry-epithermal Au deposit, East Central Anatolia, Turkey. <i>Mineralium Deposita</i> , 2013, 48, 557-583.	4.1	31
74	Lithosphere-asthenosphere mixing in a transform-dominated late Paleozoic backarc basin: Implications for northern Cordilleran crustal growth and assembly. , 2012, 8, 716-739.		14
75	Metallogeny of the Marco zone, Corvet Est, disseminated gold deposit, James Bay, Quebec, Canada. <i>Canadian Journal of Earth Sciences</i> , 2012, 49, 1154-1176.	1.3	1
76	Re-Os and U-Pb constraints on gold mineralisation events in the Meso- to Neoarchaeon Storö greenstone belt, Storö, southern West Greenland. <i>Precambrian Research</i> , 2012, 200-203, 149-162.	2.7	26
77	Multiple age components in individual molybdenite grains. <i>Chemical Geology</i> , 2012, 300-301, 55-60.	3.3	28
78	Isotopic Re-Os age of molybdenite from the Szklarska Poręba Huta Quarry (Karkonosze, SW Poland). <i>Geological Quarterly</i> , 2012, 56, 505-512.	0.2	6
79	The origin of Triassic/Jurassic kimberlite magmatism, Canada: Two mantle sources revealed from the Sr-Nd isotopic composition of groundmass perovskite. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	24
80	Investigating a child sacrifice event from the Inca heartland. <i>Journal of Archaeological Science</i> , 2011, 38, 323-333.	2.4	105
81	Formation of cratonic subcontinental lithospheric mantle and complementary komatiite from hybrid plume sources. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 947-960.	3.1	27
82	The Timing of Yellowknife Gold Mineralization: A Temporal Relationship with Crustal Anatexis?. <i>Economic Geology</i> , 2011, 106, 713-720.	3.8	24
83	Geochronology and Geochemistry of the MAX Porphyry Mo Deposit and its Relationship to Pb-Zn-Ag Mineralization, Kootenay Arc, Southeastern British Columbia, Canada. <i>Economic Geology</i> , 2010, 105, 1113-1142.	3.8	64
84	Constraints on the genesis of gold mineralization at the Homestake Gold Deposit, Black Hills, South Dakota from rhenium-osmium sulfide geochronology. <i>Mineralium Deposita</i> , 2010, 45, 461-480.	4.1	75
85	Timing and thermochemical constraints on multi-element mineralisation at the Nori/RA Cu-Mo-U prospect, Great Bear magmatic zone, Northwest Territories, Canada. <i>Mineralium Deposita</i> , 2010, 45, 549-566.	4.1	23
86	Granulite sulphides as tracers of lower crustal origin and evolution: An example from the Slave craton, Canada. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 5368-5381.	3.9	14
87	Mineralogical constraints on the paleoenvironments of the Ediacaran Doushantuo Formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13190-13195.	7.1	100
88	<sup>187</sup> Re- <sup>187</sup> Os geochronology of Precambrian organic-rich sedimentary rocks. <i>Geological Society Special Publication</i> , 2009, 326, 85-107.	1.3	65
89	Temporal trends of pollution Pb and other metals in east-central Baffin Island inferred from lake sediment geochemistry. <i>Science of the Total Environment</i> , 2009, 407, 5653-5662.	8.0	42
90	Sulphide survival and diamond genesis during formation and evolution of Archaean subcontinental lithosphere: A comparison between the Slave and Kaapvaal cratons. <i>Lithos</i> , 2009, 112, 747-757.	1.4	72

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91	The Carolina kimberlite, Brazil – Insights into an unconventional diamond deposit. <i>Lithos</i> , 2009, 112, 843-851.	1.4	23
92	Magmatic and structural controls on porphyry-style Cu–Au–Mo mineralization at Kemess South, Toodoggone District of British Columbia, Canada. <i>Mineralium Deposita</i> , 2009, 44, 435-462.	4.1	11
93	Examining potential genetic links between Jurassic porphyry Cu–Au–Mo and epithermal Au–Ag mineralization in the Toodoggone district of North-Central British Columbia, Canada. <i>Mineralium Deposita</i> , 2009, 44, 463-496.	4.1	39
94	Sulfide and whole rock Re–Os systematics of eclogite and pyroxenite xenoliths from the Slave Craton, Canada. <i>Earth and Planetary Science Letters</i> , 2009, 283, 48-58.	4.4	56
95	Re–Os and Mo isotope systematics of black shales from the Middle Proterozoic Velkerri and Wollgorang Formations, McArthur Basin, northern Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 2534-2558.	3.9	209
96	Correlation of Sturtian diamictite successions in southern Australia and northwestern Tasmania by Re–Os black shale geochronology and the ambiguity of –Sturtian–type diamictite–cap carbonate pairs as chronostratigraphic marker horizons. <i>Precambrian Research</i> , 2009, 172, 301-310.	2.7	65
97	Identifying foreigners versus locals in a burial population from Nasca, Peru: an investigation using strontium isotope analysis. <i>Journal of Archaeological Science</i> , 2009, 36, 2755-2764.	2.4	50
98	Tectonomagmatic events during stretching and basin formation in the Labrador Sea and the Davis Strait: evidence from age and composition of Mesozoic to Palaeogene dyke swarms in West Greenland. <i>Journal of the Geological Society</i> , 2009, 166, 999-1012.	2.1	89
99	Archean high-Mg monzodiorite–syenite, epidote skarn, and biotite–sericite gold lodes in the Granny Smith–Wallaby district, Australia: U–Pb and Re–Os chronometry of two intrusion-related hydrothermal systems. <i>Mineralium Deposita</i> , 2008, 43, 337-362.	4.1	36
100	Cretaceous oceanic anoxic event 2 triggered by a massive magmatic episode. <i>Nature</i> , 2008, 454, 323-326.	27.8	398
101	IN–SITU ELEMENTAL AND Sr ISOTOPE INVESTIGATION OF HUMAN TOOTH ENAMEL BY LASER ABLATION–MC–ICP–MS: SUCCESSES AND PITFALLS*. <i>Archaeometry</i> , 2008, 50, 371-385.	1.3	88
102	Hunter-gatherer mobility strategies and resource use based on strontium isotope ( <sup>87</sup> Sr/ <sup>86</sup> Sr) analysis: a case study from Middle Holocene Lake Baikal, Siberia. <i>Journal of Archaeological Science</i> , 2008, 35, 1265-1280.	2.4	51
103	Global correlation of the Vazante Group, São Francisco Basin, Brazil: Re–Os and U–Pb radiometric age constraints. <i>Precambrian Research</i> , 2008, 164, 160-172.	2.7	70
104	Correlation of mid-Cretaceous granites with source terranes in the northern Canadian Cordillera. <i>Lithoprobe Publication 1475.. Canadian Journal of Earth Sciences</i> , 2008, 45, 389-403.	1.3	4
105	The Churchill kimberlite field, Nunavut, Canada: petrography, mineral chemistry, and geochronology. <i>Canadian Journal of Earth Sciences</i> , 2008, 45, 1039-1059.	1.3	19
106	Rb–Sr and U–Pb geochronology and setting of the Buffalo Head Hills kimberlite field, northern Alberta. This article is one of a selection of papers published in this Special Issue on the theme <i>Geology of northeastern British Columbia and northwestern Alberta: diamonds, shallow gas, gravel, and glaciers</i>.. <i>Canadian Journal of Earth Sciences</i> , 2008, 45, 513-529.	1.3	5
107	Synvolcanic and Younger Plutonic Rocks from the Blake River Group: Implications for Regional Metallogensis. <i>Economic Geology</i> , 2008, 103, 1243-1268.	3.8	23
108	Detrital zircon geochronology and provenance of Late Proterozoic and mid-Paleozoic successions outboard of the miogeocline, southeastern Canadian Cordillera. <i>Canadian Journal of Earth Sciences</i> , 2007, 44, 1675-1693.	1.3	13

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109	Age and source constraints for the giant Muruntau gold deposit, Uzbekistan, from coupled Re-Os-He isotopes in arsenopyrite. <i>Geology</i> , 2007, 35, 795.	4.4	126
110	Queen Maud block: A newly recognized Paleoproterozoic (2.4–2.5 Ga) terrane in northwest Laurentia. <i>Geology</i> , 2007, 35, 707.	4.4	66
111	Sm-Nd Isotope Technique as An Exploration Tool: Delineating the Northern Extension of the Thompson Nickel Belt, Manitoba, Canada. <i>Economic Geology</i> , 2007, 102, 1217-1231.	3.8	8
112	Re-Os MOLYBDENITE AGES FROM THE ARCHEAN YELLOWKNIFE GREENSTONE BELT: COMPARISON TO U-Pb AGES AND EVIDENCE FOR METAL INTRODUCTION AT ~2675 Ma. <i>Economic Geology</i> , 2007, 102, 511-518.	3.8	7
113	Lu–Hf, in-situ Sr and Pb isotope and trace element systematics for mantle eclogites from the Diavik diamond mine: Evidence for Paleoproterozoic subduction beneath the Slave craton, Canada. <i>Earth and Planetary Science Letters</i> , 2007, 254, 55-68.	4.4	109
114	Re–Os depositional ages and seawater Os estimates for the Frasnian–Famennian boundary: Implications for weathering rates, land plant evolution, and extinction mechanisms. <i>Earth and Planetary Science Letters</i> , 2007, 261, 649-661.	4.4	62
115	Standardizing Re–Os geochronology: A new molybdenite Reference Material (Henderson, USA) and the stoichiometry of Os salts. <i>Chemical Geology</i> , 2007, 244, 74-87.	3.3	116
116	Re–Os elemental and isotopic systematics in crude oils. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 378-386.	3.9	104
117	Assessment of the <sup>187</sup> Re decay constant by cross calibration of Re–Os molybdenite and U–Pb zircon chronometers in magmatic ore systems. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 1999-2013.	3.9	153
118	The late- to postorogenic transition in the Apiaí-domain, SE Brazil: Constraints from the petrogenesis of the Neoproterozoic Agudos Grandes Granite Batholith. <i>Journal of South American Earth Sciences</i> , 2007, 23, 213-235.	1.4	9
119	The late- to postorogenic transition in the Neoproterozoic Agudos Grandes Granite Batholith (Apiaí) Tj ETQq1 1 0.784314 rgBT /Over <i>American Earth Sciences</i> , 2007, 23, 193-212.	1.4	27
120	Migration in the Nile Valley during the New Kingdom period: a preliminary strontium isotope study. <i>Journal of Archaeological Science</i> , 2007, 34, 1391-1401.	2.4	94
121	Timing of Iron Oxide Cu-Au-(U) Hydrothermal Activity and Nd Isotope Constraints on Metal Sources in the Gawler Craton, South Australia. <i>Economic Geology</i> , 2007, 102, 1441-1470.	3.8	172
122	Radiogenic isotope characteristics of the Mesoproterozoic intrusive rocks of the Nipigon Embayment, northwestern Ontario. <i>Canadian Journal of Earth Sciences</i> , 2007, 44, 1111-1129.	1.3	19
123	A Whiff of Oxygen Before the Great Oxidation Event?. <i>Science</i> , 2007, 317, 1903-1906.	12.6	822
124	A petrological and geochemical study of the volcanic rocks of the Crowsnest Formation, southwestern Alberta, and of the Howell Creek suite, British Columbia. <i>Canadian Journal of Earth Sciences</i> , 2006, 43, 1621-1637.	1.3	5
125	Mid- to late Paleozoic K-feldspar augen granitoids of the Yukon-Tanana terrane, Yukon, Canada: Implications for crustal growth and tectonic evolution of the northern Cordillera. <i>Bulletin of the Geological Society of America</i> , 2006, 118, 1212-1231.	3.3	34
126	Multi-Stage Modification of the Northern Slave Mantle Lithosphere: Evidence from Zircon- and Diamond-Bearing Eclogite Xenoliths Entrained in Jericho Kimberlite, Canada. <i>Journal of Petrology</i> , 2006, 47, 821-858.	2.8	88



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127	Re-Os geochronology of postglacial black shales in Australia: Constraints on the timing of "Sturtian" glaciation. <i>Geology</i> , 2006, 34, 729.	4.4	250
128	Rhenium-Osmium Geochronology of Arsenopyrite in Meguma Group Gold Deposits, Meguma Terrane, Nova Scotia, Canada: Evidence for Multiple Gold-Mineralizing Events. <i>Economic Geology</i> , 2005, 100, 1229-1242.	3.8	65
129	Direct radiometric dating of the Devonian-Mississippian time-scale boundary using the Re-Os black shale geochronometer. <i>Geology</i> , 2005, 33, 545.	4.4	103
130	Mississippian volcanic assemblage conformably overlying Cordilleran miogeoclinal strata, Turnagain River area, northern British Columbia, is not part of an accreted terrane. <i>Canadian Journal of Earth Sciences</i> , 2005, 42, 1449-1465.	1.3	4
131	Direct Radiometric Dating of Hydrocarbon Deposits Using Rhenium-Osmium Isotopes. <i>Science</i> , 2005, 308, 1293-1295.	12.6	168
132	Evaluation of bitumen as a Re-Os geochronometer for hydrocarbon maturation and migration: A test case from the Polaris MVT deposit, Canada. <i>Earth and Planetary Science Letters</i> , 2005, 235, 1-15.	4.4	100
133	Formation of Paleoproterozoic eclogitic mantle, Slave Province (Canada): Insights from in-situ Hf and U-Pb isotopic analyses of mantle zircons. <i>Earth and Planetary Science Letters</i> , 2005, 240, 621-633.	4.4	56
134	Early and Middle Proterozoic evolution of Yukon, Canada. <i>Canadian Journal of Earth Sciences</i> , 2005, 42, 1045-1071.	1.3	70
135	U-Pb zircon dating by laser ablation-MC-ICP-MS using a new multiple ion counting Faraday collector array. <i>Journal of Analytical Atomic Spectrometry</i> , 2005, 20, 677.	3.0	149
136	Mid-Paleozoic initiation of the northern Cordilleran marginal backarc basin: Geologic, geochemical, and neodymium isotope evidence from the oldest mafic magmatic rocks in the Yukon-Tanana terrane, Finlayson Lake district, southeast Yukon, Canada. <i>Bulletin of the Geological Society of America</i> , 2004, 116, 1087.	3.3	45
137	Re-Os Sulfide Geochronology of the Red Dog Sediment-Hosted Zn-Pb-Ag Deposit, Brooks Range, Alaska. <i>Economic Geology</i> , 2004, 99, 1569-1576.	3.8	87
138	Macrocrystal phlogopite Rb-Sr dates for the Ekati property kimberlites, Slave Province, Canada: evidence for multiple intrusive episodes in the Paleocene and Eocene. <i>Lithos</i> , 2004, 76, 399-414.	1.4	136
139	Petrogenesis of the Late Cretaceous northern Alberta kimberlite province. <i>Lithos</i> , 2004, 76, 435-459.	1.4	37
140	The temporal evolution of North American kimberlites. <i>Lithos</i> , 2004, 76, 377-397.	1.4	198
141	Provenance of Jurassic sedimentary rocks of south-central Quesnellia, British Columbia: implications for paleogeography. <i>Canadian Journal of Earth Sciences</i> , 2004, 41, 103-125.	1.3	16
142	Constraints on the timing of Marinoan "Snowball Earth" glaciation by <sup>187</sup> Re/ <sup>187</sup> Os dating of a Neoproterozoic, post-glacial black shale in Western Canada. <i>Earth and Planetary Science Letters</i> , 2004, 222, 729-729.	4.4	0
143	Macroscale NTIMS and microscale LA-MC-ICP-MS Re-Os isotopic analysis of molybdenite: Testing spatial restrictions for reliable Re-Os age determinations, and implications for the decoupling of Re and Os within molybdenite. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 3897-3908.	3.9	234
144	Constraints on the timing of Marinoan "Snowball Earth" glaciation by <sup>187</sup> Re/ <sup>187</sup> Os dating of a Neoproterozoic, post-glacial black shale in Western Canada. <i>Earth and Planetary Science Letters</i> , 2004, 222, 729-740.	4.4	155

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145	The Bear River dykes (1265–1269 Ma): westward continuation of the Mackenzie dyke swarm into Yukon, Canada. <i>Precambrian Research</i> , 2004, 133, 175-186.	2.7	27
146	Re–Os geochronology of organic rich sediments: an evaluation of organic matter analysis methods. <i>Chemical Geology</i> , 2003, 200, 225-240.	3.3	232
147	Nature of assean lake ancient crust, Manitoba: a combined SHRIMP–ID-TIMS U–Pb geochronology and Sm–Nd isotope study. <i>Precambrian Research</i> , 2003, 126, 55-94.	2.7	33
148	Crustal recycling during subduction at the Eocene Cordilleran margin of North America: a petrogenetic study from the southwestern Yukon. <i>Canadian Journal of Earth Sciences</i> , 2003, 40, 1805-1821.	1.3	10
149	Neodymium isotope geochemistry of felsic volcanic and intrusive rocks from the Yukon–Tanana Terrane in the Finlayson Lake Region, Yukon, Canada. <i>Canadian Journal of Earth Sciences</i> , 2003, 40, 77-97.	1.3	26
150	Sm–Nd fluorite dating of Proterozoic low-sulfidation epithermal Au–Ag deposits and U–Pb zircon dating of host rocks at Mallery Lake, Nunavut, Canada. <i>Canadian Journal of Earth Sciences</i> , 2003, 40, 1789-1804.	1.3	17
151	Re–Os and U–Pb geochronology of the Clear Creek, Dublin Gulch, and Mactung deposits, Tombstone Gold Belt, Yukon, Canada: absolute timing relationships between plutonism and mineralization. <i>Canadian Journal of Earth Sciences</i> , 2003, 40, 1839-1852.	1.3	43
152	Extending the ancient margin outboard in the Canadian Cordillera: record of Proterozoic crust and Paleocene regional metamorphism in the Nicola horst, southern British Columbia. <i>Canadian Journal of Earth Sciences</i> , 2002, 39, 1605-1623.	1.3	22
153	Absolute timing of sulfide and gold mineralization: A comparison of Re–Os molybdenite and Ar–Ar mica methods from the Tintina Gold Belt, Alaska. <i>Geology</i> , 2002, 30, 791.	4.4	132
154	North American margin origin of Quesnel terrane strata in the southern Canadian Cordillera: Inferences from geochemical and Nd isotopic characteristics of Triassic metasedimentary rocks. <i>Bulletin of the Geological Society of America</i> , 2002, 114, 462-475.	3.3	72
155	Pre-Alpine Crust in the Apuseni Mountains, Romania: Insights from Sm–Nd and U–Pb Data. <i>Journal of Geology</i> , 2002, 110, 341-354.	1.4	35
156	Extreme enrichment of high field strength elements in Jericho eclogite xenoliths: A cryptic record of Paleoproterozoic subduction, partial melting, and metasomatism beneath the Slave craton, Canada. <i>Geology</i> , 2002, 30, 507.	4.4	47
157	Geochemistry and tectonic significance of alkalic mafic magmatism in the Yukon-Tanana terrane, Finlayson Lake region, Yukon. <i>Canadian Journal of Earth Sciences</i> , 2002, 39, 1729-1744.	1.3	50
158	Strontium isotope composition of runoff from a glaciated carbonate terrain. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 595-614.	3.9	39
159	Further evaluation of the Re–Os geochronometer in organic-rich sedimentary rocks: a test of hydrocarbon maturation effects in the Exshaw Formation, Western Canada Sedimentary Basin. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 3441-3452.	3.9	140
160	Early Mesoproterozoic intrusive breccias in Yukon, Canada: the role of hydrothermal systems in reconstructions of North America and Australia. <i>Precambrian Research</i> , 2001, 111, 31-55.	2.7	68
161	Evidence for a nonmagmatic component in potassic hydrothermal fluids of porphyry Cu–Au–Mo systems, Yukon, Canada. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 571-587.	3.9	20
162	Eocambrian granite clasts in southern British Columbia shed light on Cordilleran hinterland crust. <i>Canadian Journal of Earth Sciences</i> , 2001, 38, 1007-1016.	1.3	22

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163	LATE AND MID-CRETACEOUS MINERALIZATION IN THE NORTHERN CANADIAN CORDILLERA: CONSTRAINTS FROM Re-Os MOLYBDENITE DATES. <i>Economic Geology</i> , 2001, 96, 1461-1467.	3.8	57
164	Re-Os Geochronology and Systematics in Molybdenite from the Endako Porphyry Molybdenum Deposit, British Columbia, Canada. <i>Economic Geology</i> , 2001, 96, 197-204.	3.8	223
165	Petrogenesis of the Cretaceous Cassiar batholith, Yukon-British Columbia, Canada: Implications for magmatism in the North American Cordilleran Interior. <i>Bulletin of the Geological Society of America</i> , 2000, 112, 1119-1133.	3.3	42
166	Discovery of pre-3.5 Ga exotic crust at the northwestern Superior Province margin, Manitoba. <i>Geology</i> , 2000, 28, 75.	4.4	54
167	Geochemical and Nd-Pb-O isotope systematics of granites from the Taltson Magmatic Zone, NE Alberta: implications for early Proterozoic tectonics in western Laurentia. <i>Precambrian Research</i> , 2000, 102, 221-249.	2.7	53
168	Origin and evolution of mid- to late-Archean crust in the Hanikahimajuk Lake area, Slave Province, Canada; evidence from U <sup>238</sup> -Pb geochronological, geochemical and Nd <sup>147</sup> -Pb isotopic data. <i>Precambrian Research</i> , 2000, 99, 197-224.	2.7	19
169	Integrated Nd isotopic and U <sup>238</sup> -Pb detrital zircon systematics of clastic sedimentary rocks from the Slave Province, Canada: evidence for extensive crustal reworking in the early- to mid-Archean. <i>Earth and Planetary Science Letters</i> , 2000, 174, 283-299.	4.4	23
170	Tectonic setting of the Taltson magmatic zone at 1.9–2.0 Ga: a granitoid-based perspective. <i>Canadian Journal of Earth Sciences</i> , 2000, 37, 1597-1609.	1.3	60
171	Geochemical and Nd isotopic constraints for the origin of Late Archean turbidites from the Yellowknife area, Northwest Territories, Canada. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 2579-2598.	3.9	29
172	Geochemical and Nd-Pb isotopic systematics of late Archean granitoids, southwestern Slave Province, Canada: constraints for granitoid origin and crustal isotopic structure. <i>Canadian Journal of Earth Sciences</i> , 1999, 36, 1131-1147.	1.3	40
173	Isotopic evidence for geochemical decoupling between ancient epeiric seas and bordering oceans: Implications for secular curves. <i>Geology</i> , 1998, 26, 567.	4.4	247
174	Tectonic affinity of Nisutlin and Anvil assemblage strata from the Teslin tectonic zone, northern Canadian Cordillera: Constraints from neodymium isotope and geochemical evidence. <i>Tectonics</i> , 1997, 16, 107-121.	2.8	82
175	Petrogenesis of a Mesoproterozoic quartz latite-granitoid suite from the Roxby Downs area, South Australia. <i>Precambrian Research</i> , 1996, 79, 371-394.	2.7	67
176	Neodymium isotopic constraints for the origin of Mesoproterozoic felsic magmatism, Gawler Craton, South Australia. <i>Canadian Journal of Earth Sciences</i> , 1995, 32, 460-471.	1.3	49
177	A U <sup>238</sup> -Pb zircon study of the Mesoproterozoic Charleston Granite, Gawler Craton, South Australia. <i>Australian Journal of Earth Sciences</i> , 1993, 40, 519-526.	1.0	31
178	Preserved initial in apatite from altered felsic igneous rocks: A case study from the Middle Proterozoic of South Australia. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 2789-2795.	3.9	81
179	A-type granites revisited: Assessment of a residual-source model. <i>Geology</i> , 1991, 19, 163.	4.4	686
180	Yardea Dacite—Large-volume, high-temperature felsic volcanism from the Middle Proterozoic of South Australia. <i>Geology</i> , 1991, 19, 48.	4.4	103

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181	Comment and Reply on "A-type granites revisited: Assessment of a residual-source model". <i>Geology</i> , 1991, 19, 1151.	4.4	4
182	Comment and Reply on "Depth and mineralogy of the magma source or pause region for the Carboniferous Liberty Hill pluton, South Carolina". <i>Geology</i> , 1989, 17, 482.	4.4	1
183	Re-Os geochronological constraints on the mineralizing events within the Mount Pleasant Caldera: implications for the timing of sub-volcanic magmatism. <i>Atlantic Geology</i> , 0, 49, 131.	0.2	19
184	Lufilian copper-gold mineralization in the Mkushi District, Zambia: regional metallogenic implications. <i>Mineralium Deposita</i> , 0, , 1.	4.1	1