

# Derek A Wyman

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115 papers	6,633 citations	48 h-index	79 g-index
121 ext. papers	7,399 ext. citations	4.1 avg, IF	5.86 L-index

#	Paper	IF	Citations
115	Petrogenesis of the 2.3 Ga Lengkou metavolcanic rocks in the North China Craton: Implications for tectonic settings during the magmatic quiescence. <i>Precambrian Research</i> , <b>2021</b> , 357, 106151	3.9	2
114	Syn-collisional magmatic record of Indian steep subduction by 50 Ma. <i>Bulletin of the Geological Society of America</i> , <b>2021</b> , 133, 949-962	3.9	0
113	Molybdenum and Boron Isotopic Compositions of Porphyry Cu Mineralization-Related Adakitic Rocks in Central-Eastern China: New Insights Into their Petrogenesis and Crust-Mantle Interaction. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2020</b> , 125, e2020JB020474	3.6	3
112	Petrologic Reconstruction of the Tieshan Magma Plumbing System: Implications for the Genesis of Magmatic-Hydrothermal Ore Deposits within Originally Water-Poor Magmatic Systems. <i>Journal of Petrology</i> , <b>2020</b> , 61,	3.9	8
111	Petrogenesis of the Ulungur Intrusive Complex, NW China, and Implications for Crustal Generation and Reworking in Accretionary Orogens. <i>Journal of Petrology</i> , <b>2020</b> , 61,	3.9	2
110	Petrogenesis and tectonic implications of the 2.1±0.0 Ga granitoids in Fuping Complex, North China Craton: Constraints from petrology, geochemistry and zircon U-Pb-Hf isotopes. <i>Precambrian Research</i> , <b>2020</b> , 339, 105611	3.9	3
109	Extraction of high-silica granites from an upper crustal magma reservoir: Insights from the Narusongduo magmatic system, Gangdese arc. <i>American Mineralogist</i> , <b>2020</b> , 105, 1572-1584	2.9	7
108	Komatiites From Mantle Transition Zone Plumes. <i>Frontiers in Earth Science</i> , <b>2020</b> , 8,	3.5	5
107	Ridge subduction, magmatism, and metallogenesis. <i>Science China Earth Sciences</i> , <b>2020</b> , 63, 1499-1518	4.6	7
106	Petrogenesis of Late Jurassic Pb±Zn mineralized high $\delta^{18}\text{O}$ granodiorites in the western Nanling Range, South China. <i>Journal of Asian Earth Sciences</i> , <b>2020</b> , 192, 104236	2.8	6
105	Mantle plumes, triple junctions and transforms: A reinterpretation of Pacific Cretaceous Tertiary LIPs and the Laramide connection. <i>Geoscience Frontiers</i> , <b>2020</b> , 11, 1133-1144	6	7
104	Postcollisional delamination and partial melting of enriched lithospheric mantle: Evidence from Oligocene (ca. 30 Ma) potassium-rich lavas in the Gemuchaka area of the central Qiangtang Block, Tibet. <i>Bulletin of the Geological Society of America</i> , <b>2019</b> , 131, 1385-1408	3.9	14
103	Crust-mantle mixing and crustal reworking of southern Tibet during Indian continental subduction: Evidence from Miocene high-silica potassic rocks in Central Lhasa block. <i>Lithos</i> , <b>2019</b> , 342-343, 407-419	2.9	4
102	First identification of postcollisional A-type magmatism in the Himalayan-Tibetan orogen. <i>Geology</i> , <b>2019</b> , 47, 187-190	5	16
101	Crustal maturation through chemical weathering and crustal recycling revealed by Hf±B isotopes. <i>Earth and Planetary Science Letters</i> , <b>2019</b> , 524, 115709	5.3	13
100	2.8 Ga Subduction-related magmatism in the Youanmi Terrane and a revised geodynamic model for the Yilgarn Craton. <i>Precambrian Research</i> , <b>2019</b> , 327, 14-33	3.9	17
99	Archean Boninite-like Rocks of the Northwestern Youanmi Terrane, Yilgarn Craton: Geochemistry and Genesis. <i>Journal of Petrology</i> , <b>2019</b> , 60, 2131-2168	3.9	9

98	Cenozoic mantle composition evolution of southern Tibet indicated by Paleocene (~ 64 Ma) pseudoleucite phonolitic rocks in central Lhasa terrane. <i>Lithos</i> , <b>2018</b> , 302-303, 178-188	2.9	10
97	Do cratons preserve evidence of stagnant lid tectonics?. <i>Geoscience Frontiers</i> , <b>2018</b> , 9, 3-17	6	36
96	First Identification of Mafic Igneous Enclaves in Miocene Lavas of Southern Tibet With Implications for Indian Continental Subduction. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 8205-8213	4.9	9
95	Petrogenesis of the Late Triassic diorites in the Hoh Xil area, northern Tibet: Insights into the origin of the high-Mg# andesitic signature of continental crust. <i>Lithos</i> , <b>2018</b> , 300-301, 348-360	2.9	7
94	Petrogenesis of Triassic granite from the Jintan pluton in Central Jiangxi Province, South China: implication for uranium enrichment. <i>Lithos</i> , <b>2018</b> , 320-321, 62-74	2.9	9
93	Subduction of Indian continent beneath southern Tibet in the latest Eocene (~ 35 Ma): Insights from the Quguosha gabbros in southern Lhasa block. <i>Gondwana Research</i> , <b>2017</b> , 41, 77-92	5.1	33
92	Eocene adakitic porphyries in the central-northern Qiangtang Block, central Tibet: Partial melting of thickened lower crust and implications for initial surface uplifting of the plateau. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2017</b> , 122, 1025-1053	3.6	33
91	Genesis of pristine adakitic magmas by lower crustal melting: A perspective from amphibole composition. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2017</b> , 122, 1934	3.6	11
90	Short episodes of crust generation during protracted accretionary processes: Evidence from Central Asian Orogenic Belt, NW China. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 464, 142-154	5.3	68
89	Zircon U-Pb ages and Lu-Hf isotope compositions from clastic rocks in the Hutuo Group: Further constraints on Paleoproterozoic tectonic evolution of the Trans-North China Orogen. <i>Precambrian Research</i> , <b>2017</b> , 303, 291-314	3.9	14
88	Re-Os isotope geochronology of the Shangbao pyrite-flourite deposit in southeastern Hunan, South China: Evidence for multiple mineralization events and the role of crust-mantle interaction in polymetallic deposits. <i>Solid Earth Sciences</i> , <b>2017</b> , 2, 109-122	1.7	2
87	Sr-Nd-Hf-O isotope geochemistry of the Ertaipei pluton, East Junggar, NW China: Implications for development of a crustal-scale granitoid pluton and crustal growth. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2017</b> , 18, 3340-3358	3.6	11
86	In situ boron isotopic analyses of tourmalines from Neogene magmatic rocks in the northern and southern margins of Tibet: Evidence for melting of continental crust and sediment recycling. <i>Solid Earth Sciences</i> , <b>2017</b> , 2, 43-54	1.7	10
85	Evolving Mantle Sources in Postcollisional Early Permian-Triassic Magmatic Rocks in the Heart of Tianshan Orogen (Western China). <i>Geochemistry, Geophysics, Geosystems</i> , <b>2017</b> , 18, 4110-4122	3.6	9
84	Platy Pyroxene: New Insights into Spinifex Texture. <i>Journal of Petrology</i> , <b>2017</b> , 58, 1671-1700	3.9	8
83	Underplating of basaltic magmas and crustal growth in a continental arc: Evidence from Late Mesozoic intermediate-felsic intrusive rocks in southern Qiangtang, central Tibet. <i>Lithos</i> , <b>2016</b> , 245, 223-242	2.9	93
82	Phanerozoic amalgamation of the Alxa Block and North China Craton: Evidence from Paleozoic granitoids, U-Pb geochronology and Sr-Nd-Pb-Hf isotope geochemistry. <i>Gondwana Research</i> , <b>2016</b> , 32, 105-121	5.1	72
81	Andesitic crustal growth via multiple partial melting: Evidence from Early Cretaceous arc dioritic/andesitic rocks in southern Qiangtang, central Tibet. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2016</b> , 17, 1641-1659	3.6	40

80	Pliocene-Quaternary crustal melting in central and northern Tibet and insights into crustal flow. <i>Nature Communications</i> , <b>2016</b> , 7, 11888	17.4	51
79	2090±70 Ma A-type granitoids in Zhanhuang Complex: Further evidence on a Paleoproterozoic rift-related tectonic regime in the Trans-North China Orogen. <i>Lithos</i> , <b>2016</b> , 254-255, 18-35	2.9	40
78	Tectonic drivers and the influence of the Kerguelen plume on seafloor spreading during formation of the early Indian Ocean. <i>Gondwana Research</i> , <b>2016</b> , 35, 97-114	5.1	19
77	Fusing Gaussian Processes and Dynamic Time Warping for Improved Natural Gamma Signal Classification. <i>Mathematical Geosciences</i> , <b>2016</b> , 48, 187-210	2.5	5
76	Orogenic gold and the mineral systems approach: Resolving fact, fiction and fantasy. <i>Ore Geology Reviews</i> , <b>2016</b> , 78, 322-335	3.2	78
75	Age and depositional setting of the Paleoproterozoic Gantaohu Group in Zhanhuang Complex: Constraints from zircon U-Pb ages and Hf isotopes of sandstones and dacite. <i>Precambrian Research</i> , <b>2016</b> , 286, 59-100	3.9	16
74	Geochemistry and radiogenic isotope characteristics of xenoliths in Archean diamondiferous lamprophyres: Implications for the Superior Province cratonic keel. <i>Lithos</i> , <b>2015</b> , 233, 111-130	2.9	14
73	Overlapping Sr-Nd-Hf isotopic compositions in Permian mafic enclaves and host granitoids in Alxa Block, NW China: Evidence for crust-mantle interaction and implications for the generation of silicic igneous provinces. <i>Lithos</i> , <b>2015</b> , 230, 133-145	2.9	38
72	Mantle plume-subduction zone interactions over the past 60 Ma. <i>Lithos</i> , <b>2015</b> , 233, 162-173	2.9	16
71	Neoproterozoic subduction: A case study of arc volcanic rocks in Qinglong-Zhuzhangzi area of the Eastern Hebei Province, North China Craton. <i>Precambrian Research</i> , <b>2015</b> , 264, 36-62	3.9	86
70	Zircon U-Pb geochronology and geochemistry of Late Cretaceous-Early Eocene granodiorites in the southern Gangdese batholith of Tibet: petrogenesis and implications for geodynamics and Cu-Au-Mo mineralization. <i>International Geology Review</i> , <b>2015</b> , 57, 373-392	2.3	26
69	Petrogenesis and tectonic implications of the iron-rich tholeiitic basalts in the Hutuo Group of the Wutai Mountains, Central Trans-North China Orogen. <i>Precambrian Research</i> , <b>2015</b> , 271, 225-242	3.9	14
68	Late Cretaceous back-arc extension and arc system evolution in the Gangdese area, southern Tibet: Geochronological, petrological, and Sr-Nd-Hf-O isotopic evidence from Dagze diorites. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2015</b> , 120, 6159-6181	3.6	50
67	Automated recognition of stratigraphic marker shales from geophysical logs in iron ore deposits. <i>Computers and Geosciences</i> , <b>2015</b> , 77, 118-125	4.5	19
66	Paleoproterozoic S-type granites in the Helanshan Complex, Khondalite Belt, North China Craton: Implications for rapid sediment recycling during slab break-off. <i>Precambrian Research</i> , <b>2014</b> , 254, 59-72	3.9	48
65	Petrogenesis of the Early Eocene adakitic rocks in the Napuri area, southern Lhasa: Partial melting of thickened lower crust during slab break-off and implications for crustal thickening in southern Tibet. <i>Lithos</i> , <b>2014</b> , 196-197, 321-338	2.9	53
64	Transition from oceanic to continental lithosphere subduction in southern Tibet: Evidence from the Late Cretaceous-Early Oligocene (~91-80 Ma) intrusive rocks in the Chanang-Xedong area, southern Gangdese. <i>Lithos</i> , <b>2014</b> , 196-197, 213-231	2.9	85
63	Petrogenesis of a Late Carboniferous mafic dike-granitoid association in the western Tianshan: Response to the geodynamics of oceanic subduction. <i>Lithos</i> , <b>2014</b> , 202-203, 85-99	2.9	48

62	Implications for Rodinia reconstructions for the initiation of Neoproterozoic subduction at ~860Ma on the western margin of the Yangtze Block: Evidence from the Guandaoshan Pluton. <i>Lithos</i> , <b>2014</b> , 196-197, 67-82	2.9	55
61	A reply to How many arcs can dance on the head of a plume? by Jean Bédard, Precambrian Research, 2012. <i>Precambrian Research</i> , <b>2013</b> , 229, 198-202	3.9	10
60	A critical assessment of Neoproterozoic plume only tectonics: Evidence from the Superior Province. <i>Precambrian Research</i> , <b>2013</b> , 229, 3-19	3.9	50
59	Sampling oxygenated Archean hydrosphere: Implications from fractionations of Th/U and Ce/Ce* in hydrothermally altered volcanic sequences. <i>Gondwana Research</i> , <b>2013</b> , 23, 506-525	5.1	16
58	Petrogenesis of gold-mineralized magmatic rocks of the Taerbieke area, northwestern Tianshan (western China): Constraints from geochronology, geochemistry and Sr-Nd-Pb-Hf isotopic compositions. <i>Journal of Asian Earth Sciences</i> , <b>2013</b> , 74, 113-128	2.8	38
57	Early Late Cretaceous (ca. 93Ma) norites and hornblendites in the Milin area, eastern Gangdese: Lithosphere-Asthenosphere interaction during slab roll-back and an insight into early Late Cretaceous (ca. 100-80Ma) magmatic flare-up in southern Lhasa (Tibet). <i>Lithos</i> , <b>2013</b> , 172-173, 17-30	2.9	94
56	Late Cretaceous crustal growth in the Gangdese area, southern Tibet: Petrological and Sr-Nd-Hf isotopic evidence from Zhengga diorite-gabbro. <i>Chemical Geology</i> , <b>2013</b> , 349-350, 54-70	4.2	105
55	Late Cretaceous (100-89Ma) magnesian charnockites with adakitic affinities in the Milin area, eastern Gangdese: Partial melting of subducted oceanic crust and implications for crustal growth in southern Tibet. <i>Lithos</i> , <b>2013</b> , 175-176, 315-332	2.9	113
54	Recycling oceanic crust for continental crustal growth: Sr-Nd-Hf isotope evidence from granitoids in the western Junggar region, NW China. <i>Lithos</i> , <b>2012</b> , 128-131, 73-83	2.9	76
53	Late Carboniferous high Nd(t)-Hf(t) granitoids, enclaves and dikes in western Junggar, NW China: Ridge-subduction-related magmatism and crustal growth. <i>Lithos</i> , <b>2012</b> , 140-141, 86-102	2.9	94
52	Late Early Cretaceous adakitic granitoids and associated magnesian and potassium-rich mafic enclaves and dikes in the Tunchang-Bengmu area, Hainan Province (South China): Partial melting of lower crust and mantle, and magma hybridization. <i>Chemical Geology</i> , <b>2012</b> , 328, 222-243	4.2	54
51	Late Cretaceous (ca. 90 Ma) adakitic intrusive rocks in the Kelu area, Gangdese Belt (southern Tibet): Slab melting and implications for Cu-Au mineralization. <i>Journal of Asian Earth Sciences</i> , <b>2012</b> , 53, 67-81	2.8	79
50	Asthenosphere-Lithosphere interaction triggered by a slab window during ridge subduction: Trace element and Sr-Nd-Hf isotopic evidence from Late Carboniferous tholeiites in the western Junggar area (NW China). <i>Earth and Planetary Science Letters</i> , <b>2012</b> , 329-330, 84-96	5.3	112
49	Metasomatized lithosphere-Asthenosphere interaction during slab roll-back: Evidence from Late Carboniferous gabbros in the Luotuogou area, Central Tianshan. <i>Lithos</i> , <b>2012</b> , 155, 67-80	2.9	48
48	Crustal Melting and Flow beneath Northern Tibet: Evidence from Mid-Miocene to Quaternary Strongly Peraluminous Rhyolites in the Southern Kunlun Range. <i>Journal of Petrology</i> , <b>2012</b> , 53, 2523-2566	3.9	68
47	Geochemical and isotopic characteristics of Youanmi terrane volcanism: the role of mantle plumes and subduction tectonics in the western Yilgarn Craton. <i>Australian Journal of Earth Sciences</i> , <b>2012</b> , 59, 671-694	1.4	28
46	Late Devonian-Early Permian A-type granites in the southern Altay Range, Northwest China: Petrogenesis and implications for tectonic setting of A2-type granites. <i>Journal of Asian Earth Sciences</i> , <b>2011</b> , 42, 986-1007	2.8	75
45	Crustal evolution in a cratonic nucleus: Granitoids and felsic volcanic rocks of the North Caribou Terrane, Superior Province Canada. <i>Lithos</i> , <b>2011</b> , 123, 37-49	2.9	12

44	Late Triassic high-Mg andesite/dacite suites from northern Hohxil, North Tibet: Geochronology, geochemical characteristics, petrogenetic processes and tectonic implications. <i>Lithos</i> , <b>2011</b> , 126, 54-67	2.9	86
43	Detection of geological structure using gamma logs for autonomous mining <b>2011</b> ,		4
42	Mantle plume and volcanic arc interaction: consequences for magmatism, metallogeny, and cratonization in the Abitibi and Wawa subprovinces, Canada This article is one of a series of papers published in this Special Issue on the theme Lithoprobe Parameters, processes, and the evolution of a continent.. <i>Canadian Journal of Earth Sciences</i> , <b>2010</b> , 47, 565-589	1.5	36
41	Eocene north-south trending dikes in central Tibet: New constraints on the timing of east-west extension with implications for early plateau uplift?. <i>Earth and Planetary Science Letters</i> , <b>2010</b> , 298, 205-216	5.3	87
40	Ridge subduction and crustal growth in the Central Asian Orogenic Belt: Evidence from Late Carboniferous adakites and high-Mg diorites in the western Junggar region, northern Xinjiang (west China). <i>Chemical Geology</i> , <b>2010</b> , 277, 281-300	4.2	256
39	Petrology, geochronology and geochemistry of ca. 780 Ma A-type granites in South China: Petrogenesis and implications for crustal growth during the breakup of the supercontinent Rodinia. <i>Precambrian Research</i> , <b>2010</b> , 178, 185-208	3.9	139
38	Geochronology and geochemistry of Late Paleozoic magmatic rocks in the Lamasu Dabate area, northwestern Tianshan (west China): Evidence for a tectonic transition from arc to post-collisional setting. <i>Lithos</i> , <b>2010</b> , 119, 393-411	2.9	120
37	Plume and arc magmatism in the Abitibi subprovince: Implications for the origin of Archean continental lithospheric mantle. <i>Precambrian Research</i> , <b>2009</b> , 168, 4-22	3.9	80
36	Underplating-related adakites in Xinjiang Tianshan, China. <i>Lithos</i> , <b>2008</b> , 102, 374-391	2.9	64
35	Eocene melting of subducting continental crust and early uplifting of central Tibet: Evidence from central-western Qiangtang high-K calc-alkaline andesites, dacites and rhyolites. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 272, 158-171	5.3	248
34	Triassic Nb-enriched basalts, magnesian andesites, and adakites of the Qiangtang terrane (Central Tibet): evidence for metasomatism by slab-derived melts in the mantle wedge. <i>Contributions To Mineralogy and Petrology</i> , <b>2008</b> , 155, 473-490	3.5	154
33	Partial Melting of Thickened or Delaminated Lower Crust in the Middle of Eastern China: Implications for Cu-Au Mineralization. <i>Journal of Geology</i> , <b>2007</b> , 115, 149-161	2	149
32	Petrogenesis of Carboniferous adakites and Nb-enriched arc basalts in the Alataw area, northern Tianshan Range (western China): Implications for Phanerozoic crustal growth in the Central Asia orogenic belt. <i>Chemical Geology</i> , <b>2007</b> , 236, 42-64	4.2	191
31	Early Cretaceous adakitic granites in the Northern Dabie Complex, central China: Implications for partial melting and delamination of thickened lower crust. <i>Geochimica Et Cosmochimica Acta</i> , <b>2007</b> , 71, 2609-2636	5.5	369
30	Mantle processes in an Archean orogen: Evidence from 2.67 Ga diamond-bearing lamprophyres and xenoliths. <i>Lithos</i> , <b>2006</b> , 89, 300-328	2.9	31
29	Petrogenesis of Cretaceous adakitic and shoshonitic igneous rocks in the Luzong area, Anhui Province (eastern China): Implications for geodynamics and Cu-Au mineralization. <i>Lithos</i> , <b>2006</b> , 89, 424-446	2.9	350
28	Upper mantle processes beneath the 2.7 Ga Abitibi belt, Canada: a trace element perspective. <i>Precambrian Research</i> , <b>2003</b> , 127, 143-165	3.9	28
27	Tectonic controls on magmatic-hydrothermal gold mineralization in the magmatic arcs of SE Asia. <i>Geological Society Special Publication</i> , <b>2002</b> , 204, 39-47	1.7	7



26	Assembly of Archean cratonic mantle lithosphere and crust: plume-arc interaction in the Abitibi-Wawa subduction-accretion complex. <i>Precambrian Research</i> , <b>2002</b> , 115, 37-62	3.9	159
25	Formation of Archean continental lithospheric roots: The role of mantle plumes. <i>Geology</i> , <b>2002</b> , 30, 543-548	5	40
24	High-precision exploration geochemistry: Applications for volcanogenic massive sulfide deposits. <i>Australian Journal of Earth Sciences</i> , <b>2000</b> , 47, 861-871	1.4	4
23	Niobium-enriched basalts from the Wabigoon subprovince, Canada: evidence for adakitic metasomatism above an Archean subduction zone. <i>Earth and Planetary Science Letters</i> , <b>2000</b> , 179, 21-30	5.3	108
22	Trace element geochemistry of the Meen-Dempster greenstone belt, Uchi subprovince, Superior Province, Canada: back-arc development on the margins of an Archean protocontinent. <i>Canadian Journal of Earth Sciences</i> , <b>2000</b> , 37, 1021-1038	1.5	26
21	Lode Gold Deposits and Archean Mantle Plume-Island Arc Interaction, Abitibi Subprovince, Canada. <i>Journal of Geology</i> , <b>1999</b> , 107, 715-725	2	50
20	Trace element and Sm-Nd systematics of volcanic and intrusive rocks from the 3 Ga Lumby Lake Greenstone belt, Superior Province: evidence for Archean plume-arc interaction. <i>Lithos</i> , <b>1999</b> , 46, 189-213	3.9	83
19	Geochemical diversity in oceanic komatiites and basalts from the late Archean Wawa greenstone belts, Superior Province, Canada: trace element and Nd isotope evidence for a heterogeneous mantle. <i>Precambrian Research</i> , <b>1999</b> , 94, 139-173	3.9	155
18	A 2.7 Ga depleted tholeiite suite: evidence of plume-arc interaction in the Abitibi Greenstone Belt, Canada. <i>Precambrian Research</i> , <b>1999</b> , 97, 27-42	3.9	101
17	Variability of Nb/U and Th/La in 3.0 to 2.7 Ga Superior Province ocean plateau basalts: implications for the timing of continental growth and lithosphere recycling. <i>Earth and Planetary Science Letters</i> , <b>1999</b> , 168, 101-115	5.3	68
16	Paleoproterozoic boninites in an ophiolite-like setting, Trans-Hudson orogen, Canada. <i>Geology</i> , <b>1999</b> , 27, 455	5	36
15	The late Archean Schreiber-Hemlo and White River-Dayohessarah greenstone belts, Superior Province: collages of oceanic plateaus, oceanic arcs, and subduction-accretion complexes. <i>Tectonophysics</i> , <b>1998</b> , 289, 295-326	3.1	144
14	Boninite series: low Ti-tholeiite associations from the 2.7 Ga Abitibi greenstone belt. <i>Earth and Planetary Science Letters</i> , <b>1998</b> , 164, 303-316	5.3	169
13	Long-lived mantle-plume influence on an Archean protocontinent: Geochemical evidence from the 3 Ga Lumby Lake greenstone belt, Ontario, Canada. <i>Geology</i> , <b>1998</b> , 26, 719	5	20
12	Review of developments in trace-element fingerprinting of geodynamic settings and their implications for mineral exploration. <i>Australian Journal of Earth Sciences</i> , <b>1997</b> , 44, 465-487	1.4	43
11	Noble metal abundances of late Archean (2.7 Ga) accretion-related shoshonitic lamprophyres, Superior Province, Canada. <i>Geochimica Et Cosmochimica Acta</i> , <b>1995</b> , 59, 47-57	5.5	13
10	The mesothermal gold-lamprophyre association: significance for an accretionary geodynamic setting, supercontinent cycles, and metallogenic processes. <i>Mineralogy and Petrology</i> , <b>1994</b> , 51, 147-172	1.6	29
9	An isotopic study of the Ni-Cu-PGE-rich Wellgreen intrusion of the Wrangellia Terrane: Evidence for hydrothermal mobilization of rhenium and osmium. <i>Geochimica Et Cosmochimica Acta</i> , <b>1994</b> , 58, 1007-1018	5.5	24

8	Os isotope systematics in ocean island basalts. <i>Earth and Planetary Science Letters</i> , <b>1993</b> , 120, 149-167	5.3	197
7	Archean Shoshonitic Lamprophyres of the Abitibi Subprovince, Canada: Petrogenesis, Age, and Tectonic Setting. <i>Journal of Petrology</i> , <b>1993</b> , 34, 1067-1109	3.9	78
6	Geodynamic setting of mesothermal gold deposits: An association with accretionary tectonic regimes. <i>Geology</i> , <b>1990</b> , 18, 882	5	128
5	Alkaline magmatism, major structures, and gold deposits; implications for greenstone belt gold metallogeny. <i>Economic Geology</i> , <b>1988</b> , 83, 454-461	4.3	107
4	Long-distance lateral magma propagation and Pamir Plateau uplift. <i>Geophysical Research Letters</i> ,	4.9	0
3	The missing magmatic arc in a long-lived ocean from the western Kunlun- Pamir Paleo-Tethys realm. <i>Geophysical Research Letters</i> ,	4.9	0
2	Subduction erosion and crustal material recycling indicated by adakites in central Tibet. <i>Geology</i> ,	5	8
1	Subduction erosion revealed by Late Mesozoic magmatism in the Gangdese arc, South Tibet. <i>Geophysical Research Letters</i> ,	4.9	