

A paleogeographical review of the peri-Gondwanan real
orogen¹This article is one of a series of pap
Issue: In honour of Ward Neale</i> on the theme of App

Canadian Journal of Earth Sciences

49, 259-288

DOI: 10.1139/e11-049

Citation Report

#	ARTICLE	IF	CITATIONS
1	Appinite suites: A record of the role of water in the genesis, transport, emplacement and crystallization of magma. <i>Earth-Science Reviews</i> , 2013, 119, 35-59.	4.0	95
2	Potential geodynamic relationships between the development of peripheral orogens along the northern margin of Gondwana and the amalgamation of West Gondwana. <i>Mineralogy and Petrology</i> , 2013, 107, 635-650.	0.4	52
3	Ganderiaâ€“Laurentia collision in the Caledonides of Great Britain and Ireland. <i>Journal of the Geological Society</i> , 2014, 171, 555-569.	0.9	58
4	Zircon oxygen isotopic constraints from plutonic rocks on the magmatic and crustal evolution of the northern Appalachians in southern New England, USA. <i>Canadian Journal of Earth Sciences</i> , 2014, 51, 485-499.	0.6	6
5	Sr, Nd, Pb and Os Isotope Systematics of CAMP Tholeiites from Eastern North America (ENA): Evidence of a Subduction-enriched Mantle Source. <i>Journal of Petrology</i> , 2014, 55, 133-180.	1.1	69
6	Highly depleted isotopic compositions evident in Iapetus and Rheic Ocean basalts: implications for crustal generation and preservation. <i>International Journal of Earth Sciences</i> , 2014, 103, 1219-1232.	0.9	13
7	A revised crustal stress orientation database for Canada. <i>Tectonophysics</i> , 2014, 636, 111-124.	0.9	65
8	Detrital zircons from modern sands in New England and the timing of Neoproterozoic to Mesozoic Magmatism. <i>Numerische Mathematik</i> , 2015, 315, 460-485.	0.7	11
9	Peri-Gondwanan terrane interactions recorded in the Cambrianâ€“Ordovician detrital zircon geochronology of North Wales. <i>Gondwana Research</i> , 2015, 28, 987-1001.	3.0	25
10	Large eddy simulation of the turbulent multiphase flow on sandstone wastewater of hydropower stations in a vortex-type grit chamber. <i>Canadian Journal of Civil Engineering</i> , 2015, 42, 510-520.	0.7	1
11	Laurentian and Amazonian sediment sources to Neoproterozoicâ€“lower Paleozoic Maryland Piedmont rocks. , 2015, 11, 1042-1061.		5
12	Structural and stratigraphic evolution of the Iberiaâ€“Newfoundland hyper-extended rifted margin: a quantitative modelling approach. <i>Geological Society Special Publication</i> , 2015, 413, 53-89.	0.8	42
13	Geochronology and Tectonic Context of Lithium-Cesium-Tantalum Pegmatites In the Appalachians. <i>Canadian Mineralogist</i> , 2016, 54, 945-969.	0.3	21
14	Offshore extent of Gondwanan Paleozoic strata in the southeastern United States: The Suwannee suture zone revisited. <i>Gondwana Research</i> , 2016, 40, 199-210.	3.0	16
15	Four-dimensional context of Earth's supercontinents. <i>Geological Society Special Publication</i> , 2016, 424, 1-14.	0.8	58
16	Gondwanan basement terranes of the Variscanâ€“Appalachian orogen: Baltican, Saharan and West African hafnium isotopic fingerprints in Avalonia, Iberia and the Armorican Terranes. <i>Tectonophysics</i> , 2016, 681, 278-304.	0.9	117
17	Similar crustal evolution in the western units of the Adrar Souttoug Massif (Moroccan Sahara) and the Avalonian terranes: Insights from Hf isotope data. <i>Tectonophysics</i> , 2016, 681, 305-317.	0.9	19
18	New conodont $\delta^{18}O$ records of Silurian climate change: Implications for environmental and biological events. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 443, 34-48.	1.0	92

#	ARTICLE	IF	CITATIONS
19	A plate tectonic scenario for the Iapetus and Rheic oceans. <i>Gondwana Research</i> , 2016, 36, 275-295.	3.0	132
20	Middle to late Cambrian shallow marine trace fossils from the Imfout Syncline (Western Meseta), Tj ETQq1 1 0.784314 rgBT /Overlock <i>African Earth Sciences</i> , 2017, 129, 492-503.	0.9	6
21	Geochemical evidence for a Ganderian arc/back-arc remnant in the Nashoba Terrane, SE New England, USA. <i>Numerische Mathematik</i> , 2017, 317, 413-448.	0.7	16
22	A review of Himalayan stratigraphy, magmatism, and structure. <i>Gondwana Research</i> , 2017, 49, 42-80.	3.0	82
23	Provenance of exhalites associated with the Lemarchant volcanogenic massive sulphide (VMS) deposit, central Newfoundland, Canada: insights from Nd isotopes and lithogeochemistry. <i>Journal of the Geological Society</i> , 2017, 174, 954-967.	0.9	3
24	Reconstructing the end of the Appalachian orogeny. <i>Geology</i> , 2017, 45, 15-18.	2.0	45
25	Detrital zircon evidence for Paleoproterozoic West African crust along the eastern North American continental margin, Georges Bank, offshore Massachusetts, USA. <i>Geology</i> , 2017, 45, 811-814.	2.0	10
26	The provenance of the Devonian Old Red Sandstone of the Dingle Peninsula, SW Ireland; the earliest record of Laurentian and peri-Gondwanan sediment mixing in Ireland. <i>Journal of the Geological Society</i> , 2018, 175, 411-424.	0.9	13
27	Within-Plate Setting of Paleozoic Alkalic Suites in Southeastern New England, USA: Constraints from Chemical Abrasion ²⁰⁷ Pb/ ²³⁵ U-Pb Geochronology and Paleomagnetism. <i>Journal of Geology</i> , 2018, 126, 41-61.	0.7	8
28	A hafnium isotopic record of magmatic arcs and continental growth in the Iapetus Ocean: The contrasting evolution of Ganderia and the peri-Laurentian margin. <i>Gondwana Research</i> , 2018, 58, 141-160.	3.0	20
29	Deciphering the geology of some Darriwilian ²⁰⁷ Pb/ ²³⁵ U (Ordovician) "ghost" formations in the UK and North America using olistoliths in marine debris flows. <i>Geological Magazine</i> , 2018, 155, 1507-1522.	0.9	4
30	The Jeffers Brook diorite ²⁰⁷ Pb/ ²³⁵ U granodiorite pluton: style of emplacement and role of volatiles at various crustal levels in Avalonian appinites, Canadian Appalachians. <i>International Journal of Earth Sciences</i> , 2018, 107, 863-883.	0.9	12
31	Kinematic Evolution of the Southern North Atlantic: Implications for the Formation of Hyperextended Rift Systems. <i>Tectonics</i> , 2018, 37, 89-118.	1.3	122
32	A positive test for the Greater Tarim Block at the heart of Rodinia: Mega-dextral suturing of supercontinent assembly. <i>Geology</i> , 2018, 46, 687-690.	2.0	70
33	Provenance of detrital zircon from siliciclastic rocks of the Sebkhha Gezmayet unit of the Adrar Souttouf Massif (Moroccan Sahara) ²⁰⁷ Pb/ ²³⁵ U Palaeogeographic implications. <i>Comptes Rendus - Geoscience</i> , 2018, 350, 255-266.	0.4	19
34	Detrital zircon geochronology of the Fredericton Trough, New Brunswick, Canada: Constraints on the Silurian Closure of remnant Iapetus Ocean. <i>Numerische Mathematik</i> , 2018, 318, 684-725.	0.7	12
35	Formation and orogen-parallel transport of the Dadeville Complex, Alabama, USA: Implications for the Taconian orogeny in the southern Appalachians. <i>Numerische Mathematik</i> , 2019, 319, 582-630.	0.7	6
36	From intracrystalline distortion to plate motion: Unifying structural, kinematic, and textural analysis in heterogeneous shear zones through crystallographic orientation-dispersion methods. , 2019, 15, 357-381.		12

#	ARTICLE	IF	CITATIONS
37	Late Paleozoic supervolcano-scale eruptions in Maine, USA. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1995-2010.	1.6	6
38	Constraints on Appalachian Orogenesis and Continental Rifting in the Southeastern United States From Wide-Angle Seismic Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 6625-6652.	1.4	19
39	The Appalachian and Black Warrior Basins: Foreland Basins in the Eastern United States. , 2019, , 129-237.		21
40	Long-lived association between Avalonia and the Meguma terrane deduced from zircon geochronology of metasedimentary granulites. <i>Scientific Reports</i> , 2019, 9, 4065.	1.6	11
41	From a bipartite Gondwanan shelf to an arcuate Variscan belt: The early Paleozoic evolution of northern Peri-Gondwana. <i>Earth-Science Reviews</i> , 2019, 192, 491-512.	4.0	74
42	Further detrital zircon evidence for peri-Gondwanan blocks in the central Appalachian Piedmont Province, USA. <i>Canadian Journal of Earth Sciences</i> , 2019, 56, 1061-1076.	0.6	3
43	New U-Pb age constraints on the geological history of the Ganderian Bras d'Or terrane, Cape Breton Island, Nova Scotia. <i>Canadian Journal of Earth Sciences</i> , 2019, 56, 829-847.	0.6	12
44	The pre-orogenic detrital zircon record of the Peri-Gondwanan crust. <i>Geological Magazine</i> , 2019, 156, 281-307.	0.9	101
45	Five hundred million years of punctuated addition of juvenile crust during extension in the Goochland Terrane, central Appalachian Piedmont Province. <i>International Geology Review</i> , 2020, 62, 523-548.	1.1	3
46	Hydrochronology of a proposed deep geological repository for low- and intermediate-level nuclear waste in southern Ontario from U-Pb dating of secondary minerals: response to Alleghanian events. <i>Canadian Journal of Earth Sciences</i> , 2020, 57, 494-505.	0.6	9
47	Late Ediacaran paleogeography of Avalonia and the Cambrian assembly of West Gondwana. <i>Earth and Planetary Science Letters</i> , 2020, 552, 116591.	1.8	21
48	Tonian-Ediacaran tectonomagmatic evolution of West Avalonia and its Ediacaran-early Cambrian interactions with Ganderia: an example of complex terrane transfer due to arc-arc collision?. <i>Geological Society Special Publication</i> , 2021, 503, 143-167.	0.8	27
49	A slab failure origin for the Donegal composite batholith, Ireland as indicated by trace-element geochemistry. <i>Geological Society Special Publication</i> , 2020, , SP503-2020-6.	0.8	9
50	Dating of detrital zircons and tracing the provenance of quartzites from the Bystrzyckie Mts: implications for the tectonic setting of the Early Palaeozoic sedimentary basin developed on the Gondwana margin. <i>International Journal of Earth Sciences</i> , 2020, 109, 2049-2079.	0.9	10
51	Petrology, age, and tectonic setting of the rapakivi-bearing Margaree pluton, Cape Breton Island, Canada: evidence for a Late Devonian posttectonic cryptic silicic-mafic magma chamber. <i>Canadian Journal of Earth Sciences</i> , 2020, 57, 1011-1029.	0.6	4
52	Northern limit of Gondwana in northwestern Mexico from detrital zircon data. <i>Gondwana Research</i> , 2020, 83, 232-247.	3.0	4
53	Geochemistry, geochronology and petrogenesis of Maya Block granitoids and dykes from the Chicxulub Impact Crater, Gulf of Mexico: Implications for the assembly of Pangea. <i>Gondwana Research</i> , 2020, 82, 128-150.	3.0	26
54	Early Mesozoic synrift Eagle Mills Formation and coeval siliciclastic sources, sinks, and sediment routing, northern Gulf of Mexico basin. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 2631-2650.	1.6	14

#	ARTICLE	IF	CITATIONS
55	Crustal origin of the West Florida Terrane, and detrital zircon provenance and development of accommodation during initial rifting of the southeastern Gulf of Mexico and western Bahamas. Geological Society Special Publication, 2021, 504, 77-118.	0.8	10
56	Early Paleozoic accretionary orogens along the Western Gondwana margin. Geoscience Frontiers, 2021, 12, 109-130.	4.3	34
57	Uâ€“Pb detrital zircon constraints on active margin magmatism and sedimentation after the Grampian Orogeny in western Ireland. Journal of the Geological Society, 2021, 178, .	0.9	3
58	Meguma terrane orocline: Uâ€“Pb age and paleomagnetism of the Silurian Mavillette gabbro, Nova Scotia, Canada. Canadian Journal of Earth Sciences, 2021, 58, 315-331.	0.6	4
59	Biostratigraphy and taxonomy of Drumian (middle Cambrian) agnostid trilobites of the Manuels River Formation, Avalonian Newfoundland, Canada. Papers in Palaeontology, 2021, 7, 1657-1698.	0.7	6
60	The construction of the Donegal composite batholith, Irish Caledonides: Temporal constraints from U-Pb dating of zircon and titanite. Bulletin of the Geological Society of America, 0, , .	1.6	8
61	A potential cephalopod from the early Cambrian of eastern Newfoundland, Canada. Communications Biology, 2021, 4, 388.	2.0	14
62	The provenance of Middle Jurassic to Cretaceous sediments in the Irish and Celtic Sea Basins: tectonic and environmental controls on sediment sourcing. Journal of the Geological Society, 2021, 178, .	0.9	0
63	Quantifying the diagenetic impact in the late Ediacaran and Early Palaeozoic of the Avalon Peninsula using illite â€œcrystallinityâ€œ. Canadian Journal of Earth Sciences, 0, , .	0.6	1
64	Paleolatitude and tectonic rotations of the Early Carboniferous Fountain Lake Group, Cobequid Highlands, Nova Scotia, Canada. Canadian Journal of Earth Sciences, 2021, 58, 1103-1115.	0.6	1
65	Age and tectonic setting of Neoproterozoic granitoid rocks, Antigonish Highlands, Nova Scotia, Canada: implications for Avalonia in the northern Appalachian orogen. Canadian Journal of Earth Sciences, 2021, 58, 396-412.	0.6	11
66	A Lower Devonian age for the Corvock Granite and its significance for the structural history of South Mayo and the Laurentian margin of western Ireland. Canadian Journal of Earth Sciences, 0, , .	0.6	2
67	Uâ€“Pb zircon geochronology and implications of Cambrian plutonism in the Ellsworth belt, Maine. Canadian Journal of Earth Sciences, 2022, 59, 111-122.	0.6	1
68	Age and tectonic setting of the Quinebaug-Marlboro belt and implications for the history of Ganderian crustal fragments in southeastern New England, USA. , 2021, 17, 1038-1100.		4
69	New petrographic and Uâ€“Pb geochronology data from the Mazagan Escarpment, offshore Morocco: Support for an African origin. Journal of African Earth Sciences, 2021, 181, 104249.	0.9	4
70	Using Tellus stream sediment geochemistry to fingerprint regional geology and mineralisation systems in Southeast Ireland. Irish Journal of Earth Sciences, 2018, 36, 45.	0.3	3
71	Uâ€“Pb zircon geochronology of Proterozoic and Paleozoic rocks, North Islesboro, coastal Maine (USA): links to West Africa and Penobscottian orogenesis in southeastern Ganderia?. Atlantic Geology, 0, , 189-221.	0.2	10
72	Multimethod Uâ€“Pb baddeleyite dating: insights from the Spread Eagle Intrusive Complex and Cape St. Mary's sills, Newfoundland, Canada. Geochronology, 2020, 2, 187-208.	1.0	9

#	ARTICLE	IF	CITATIONS
73	A Neoproterozoic epithermal gold deposit—The Haile gold mine, South Carolina, USA. , 0, , 1-8.		0
74	Detrital zircon ages and the origins of the Nashoba terrane and Merrimack belt in southeastern New England, USA. <i>Atlantic Geology</i> , 0, 57, 343-396.	0.2	3
75	New detrital zircon U-Pb ages and Lu-Hf isotopic data from metasedimentary rocks along the western boundary of the composite Avalon terrane in the southeastern New England Appalachians. , 2022, , 73-91.		4
76	U-Pb detrital zircon analysis of sedimentary rocks of the southeastern New England Avalon terrane in the U.S. Appalachians: Evidence for a separate crustal block. , 2022, , 93-119.		8
77	A reevaluation of the tectonic history of the Dashwoods terrane using in situ and isotope-dilution U-Pb geochronology, western Newfoundland. , 2022, , 243-264.		4
78	Reply to a discussion of the northern Appalachian terrane wreck model by Keppie et al. (2021). <i>Canadian Journal of Earth Sciences</i> , 0, , .	0.6	0
79	Testing petrogenetic models for contemporaneous mafic and felsic to intermediate magmatism within the “Newer Granite” suite of the Scottish and Irish Caledonides. , 2022, , 375-399.		7
80	Provenance control on the distribution of endogenic Sn-W, Au, and U mineralization within the Gondwana-Laurussia plate boundary zone. , 2022, , .		1
81	Structural implications of potential field data on Southeastern North America. <i>Journal of Geophysics and Engineering</i> , 2022, 19, 142-156.	0.7	1
82	Introduction to special issue: Laurentian evolution during the late Paleozoic: Interactions and feedbacks between tectonism, sedimentation, and climate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 592, 110900.	1.0	0
83	History of crustal growth in Africa and the Americas from detrital zircon and Nd isotopes in glacial diamictites. <i>Precambrian Research</i> , 2022, 373, 106641.	1.2	10
84	Insights from Lu-Hf zircon isotopic data on the crustal evolution of Avalonia and Ganderia in the northern Appalachian orogen. , 2022, , 173-207.		6
85	Geochemical and Nd isotopic constraints on the origin of uppermost Silurian rhyolitic rocks in the northern Appalachians (northern New Brunswick): Tectonic implications. , 2022, , 121-134.		2
86	The Ouarzazate Supergroup and its plutonic keel: the relicts of an Ediacaran silicic large igneous province in North Africa. <i>Journal of the Geological Society</i> , 2022, 179, .	0.9	0
87	Terrane history of the Iapetus Ocean as preserved in the northern Appalachians and western Caledonides. <i>Earth-Science Reviews</i> , 2022, 233, 104163.	4.0	13
88	Depositional environment and provenance of Early Carboniferous clastic sedimentary rocks at McIsaac's Point, Nova Scotia: Implications for syntectonic basin development during the formation of Pangea. <i>Geological Society Special Publication</i> , 2023, 531, .	0.8	1
89	The Assabet barcode: Mesoproterozoic detrital zircons in Neoproterozoic strata from Mauritania, West Africa. <i>Numerische Mathematik</i> , 2022, 322, 939-992.	0.7	3
90	Drainage area estimates for synorogenic clastic wedges in the Central Appalachian Basin (sink) with implications for terrane accretion in the hinterland (source). <i>Basin Research</i> , 2023, 35, 1530-1554.	1.3	0

#	ARTICLE	IF	CITATIONS
91	Redefinition of the Petersburg batholith and implications for crustal inheritance in the Dinwiddie terrane, Virginia, USA. , 0, , .		0