

# The Grenville orogenic cycle of southern Laurentia: Unroofed zones as potential piercing points for Amazonia

Journal of South American Earth Sciences

29, 4-20

DOI: [10.1016/j.jsames.2009.08.007](https://doi.org/10.1016/j.jsames.2009.08.007)

Citation Report

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | The Alleghanian deformational sequence at the foreland junction of the Central and Southern Appalachians. , 2010, , .   |     | 10        |
| 2  | The Rio Apa Craton in Mato Grosso do Sul (Brazil) and northern Paraguay: Geochronological evolution, correlations and tectonic implications for Rodinia and Gondwana. Numerische Mathematik, 2010, 310, 981-1023.                   | 1.4 | 50        |
| 3  | The Putumayo Orogen of Amazonia and its implications for Rodinia reconstructions: New U-Pb geochronological insights into the Proterozoic tectonic evolution of northwestern South America. Precambrian Research, 2011, 191, 58-77. | 2.7 | 134       |
| 4  | Mesoproterozoic evolution of the Río de la Plata Craton in Uruguay: at the heart of Rodinia?. International Journal of Earth Sciences, 2011, 100, 273-288.  | 1.8 | 77        |
| 5  | Ages of pre-rift basement and synrift rocks along the conjugate rift and transform margins of the Argentine Precordillera and Laurentia. , 2012, 8, 1366-1383.  |     | 58        |
| 6  | Siliciclastic Ordovician to Silurian units of the Argentine Precordillera: Constraints on provenance and tectonic setting in the proto-Andean margin of Gondwana. Journal of South American Earth Sciences, 2012, 40, 1-22.         | 1.4 | 28        |
| 7  | Tectonic models for the origin of regional transverse structures in the Grenville Province of SW Quebec interpreted from regional gravity. Journal of Geodynamics, 2013, 64, 15-39.   | 1.6 | 21        |
| 8  | Pre-Mesozoic origin and paleogeography of blocks in the Caribbean, South Appalachian and West African domains and their impact on the post Variscan evolution. Bulletin - Societie Geologique De France, 2013, 184, 5-20.           | 2.2 | 4         |
| 9  | Implications for late Grenvillian (Rigolet phase) construction of Rodinia using new U-Pb data from the Mars Hill terrane, Tennessee and North Carolina, United States. Geology, 2013, 41, 1087-1090.                                | 4.4 | 23        |
| 10 | The New Madrid seismic zone of the Central United States. , 0, , 162-197.   |     | 2         |
| 11 | Tectonic evolution of the southern margin of the Amazonian craton in the late Mesoproterozoic based on field relationships and zircon U-Pb geochronology. Anais Da Academia Brasileira De Ciencias, 2014, 86, 57-84.                | 0.8 | 24        |
| 12 | Crustal velocity structure associated with the eastern Tennessee seismic zone: Vp and Vs images based upon local earthquake tomography. Journal of Geophysical Research: Solid Earth, 2014, 119, 464-489.                           | 3.4 | 24        |
| 13 | Detrital provenance of the Grenvillian Oaxacan Complex, southern Mexico: a zircon perspective. International Journal of Earth Sciences, 2014, 103, 1301-1315.   | 1.8 | 42        |
| 14 | Lithospheric expression of geological units in central and eastern North America from full waveform tomography. Earth and Planetary Science Letters, 2014, 402, 176-186.  | 4.4 | 86        |
| 15 | Crustal and upper mantle velocity structure in the vicinity of the eastern Tennessee seismic zone based upon radial wave transfer functions. Journal of Geophysical Research: Solid Earth, 2015, 120, 243-258.                      | 3.4 | 10        |
| 16 | Precise ID-TIMS U-Pb baddeleyite ages (1110-1112Ma) for the Rincón del Tigre-Huanchaca large igneous province (LIP) of the Amazonian Craton: Implications for the Rodinia supercontinent. Precambrian Research, 2015, 265, 273-285. | 2.7 | 41        |
| 17 | Pikes Peak batholith (Colorado, USA) revisited: A SIMS and LA-ICP-MS study of zircon U-Pb ages combined with solution Hf isotopic compositions. Precambrian Research, 2016, 280, 179-194.   | 2.7 | 22        |
| 18 | Testing a back-arc aulacogen model for the Central Metasedimentary Belt of the Grenville Province. Geological Magazine, 2016, 153, 681-695.   | 1.5 | 13        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Comparative Petrology of the Montpelier and Roseland Potassic Anorthosites, Virginia. <i>Canadian Mineralogist</i> , 2016, 54, 1563-1593.   | 1.0 | 4         |
| 20 | Geochronology and geochemistry of tuff beds from the Shicaohe Formation of Shennongjia Group and tectonic evolution in the northern Yangtze Block, South China. <i>International Journal of Earth Sciences</i> , 2016, 105, 521-535.                  | 1.8 | 29        |
| 21 | Necessary Conditions for Intraplate Seismic Zones in North America. <i>Tectonics</i> , 2017, 36, 2903-2917.   | 2.8 | 24        |
| 22 | Insights from North America's failed Midcontinent Rift into the evolution of continental rifts and passive continental margins. <i>Tectonophysics</i> , 2018, 744, 403-421.   | 2.2 | 49        |
| 23 | Tonian Fe-Ti-P ferronorite and alkali anorthosite in the northern Appalachian orogen, southern New Brunswick, Canada: Amazonian basement in Ganderia?. <i>Precambrian Research</i> , 2018, 317, 77-88.  | 2.7 | 6         |
| 24 | The same and not the same: Ore geology, mineralogy and geochemistry of Rodinia assembly versus other supercontinents. <i>Earth-Science Reviews</i> , 2019, 196, 102860.   | 9.1 | 16        |
| 25 | 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.  | 2.1 | 3         |
| 26 | Nd-Sr-Hf isotopes and U-Pb ages of mesoproterozoic TrÃs Estradas Alkaline-Carbonatite Complex, Brazil: Implications for Sul-Riograndense Shield evolution and rodinia break-up. <i>Precambrian Research</i> , 2020, 351, 105963.                     | 2.7 | 4         |
| 27 | The missing link of Rodinia breakup in western South America: A petrographical, geochemical, and zircon Pb-Hf isotope study of the volcanosedimentary Chilla beds (Altiplano, Bolivia). , 2020, 16, 619-645.  |     | 11        |
| 28 | U-Pb zircon geochronology from Haag Nunataks, Coats Land and Shackleton Range (Antarctica): Constraining the extent of juvenile Late Mesoproterozoic arc terranes. <i>Precambrian Research</i> , 2020, 340, 105646.                                   | 2.7 | 13        |
| 29 | Tectonic implications of the gravity signatures of the Midcontinent Rift and Grenville Front. <i>Tectonophysics</i> , 2020, 778, 228369.  | 2.2 | 13        |
| 30 | Detrital zircons and sediment dispersal in the Appalachian foreland. , 2017, 13, 2206-2230.   |     | 65        |
| 31 | Crustal magnetism, tectonic inheritance, and continental rifting in the southeastern United States. <i>GSA Today</i> , 2014, 24, 4-9.   | 2.0 | 9         |
| 32 | The seismic signature of lithospheric deformation beneath eastern North America due to Grenville and Appalachian orogenesis. <i>Lithosphere</i> , 2017, 9, 987-1001.  | 1.4 | 12        |
| 33 | Age and provenance of the Middle Jurassic Nophlet Formation of south Texas: Stratigraphic relationship to the Louann Salt and regional significance. <i>Journal of the Geological Society</i> , 0, , jgs2022-009.                                     | 2.1 | 0         |
| 34 | Geochronology of Cambrian Sedimentary and Volcanic Rocks in the Illinois Basin: Defining the Illinois Aulacogen. <i>The Sedimentary Record</i> , 2022, 20, .  | 0.6 | 1         |
| 35 | Detrital zircon U-Pb provenance analysis of Precambrian and Paleozoic strata from southwestern Brazil: Assessment of potential Grenvillian sediment input and Amazonian-Laurentian tectonic interaction. <i>Gondwana Research</i> , 2023, 113, 14-30. | 6.0 | 3         |
| 36 | Unzipping supercontinent Pangea: Geologic, potential field data, and buried structures, and a case for sequential Atlantic opening. <i>Tectonophysics</i> , 2023, , 229842.   | 2.2 | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | The edge of a Permian erg: Eolian facies and provenance of the Lyons Sandstone in northern Colorado. <i>Rocky Mountain Geology</i> , 2023, 58, 57-82.              | 0.9 | 0         |
| 38 | U-Pb geochronology and petrography of Neoproterozoic to early Cambrian volcanic rocks in basement crustal terranes beneath the deep-water Gulf of Mexico. , 0, , . |     | 0         |