

List of peer reviewed publications, Dr. Richard Spikings (including those in press and submitted)

Spikings, R.A., Foster, D.A. and Kohn, B.P., 1997. Phanerozoic denudation history of the Mount Isa Inlier, Northern Australia: a record of the response of a Proterozoic mobile belt to intraplate tectonics. *International Geological Reviews*, 39, 107 – 124.

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Spikings, R.A., Winkler, W, Seward, D. and Handler R., 2001. Along strike variations in the thermal and tectonic response of the continental Ecuadorian Andes to the collision with heterogeneous oceanic crust. *Earth and Planetary Science Letters* 186, 57 - 73.

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Spikings, R.A., Foster, D.A., Kohn, B.P. and Lister, G.S., 2001. Post-orogenic thermal history of the Mesoproterozoic Eastern Successions, Mount Isa Inlier, Australia. *Precambrian Research* 109, 103 - 144.

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Spikings, R.A., Kohn, B.P. and Foster, D.A., 2006. A regional scale low temperature (<110°C) thermal history study of the Mt. Isa and Murphy Inliers, NE Australia. *Australian Journal of Earth Sciences* 53, 151 - 166.

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Luzieux, L.D.A., Heller, F., **Spikings**, R., Vallejo, C.F., Winkler, W., 2006. Origin and cretaceous tectonic history of the coastal Ecuadorian forearc between 1°N and 3°S: Paleomagnetic, Radiometric and Fossil evidence. *Earth and Planetary Science Letters* 249, 400 - 414.

Chew D.M., Schaltegger U., Kosler J., Whitehouse M.J., Gutjahr M., **Spikings** R.A., Miskovic A., 2007. U-Pb evidence for the evolution of the Gondwanan margin of the north-central Andes. *Geological Society America Bulletin* 119, 697 - 711.

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Chew, M.D., Magna, T., Kirkland, C.L., Mišković, A., Cardona, A., **Spikings**, R.A., Schaltegger, U., 2008. Detrital zircon fingerprint of the Proto-Andes: evidence for a Neoproterozoic active margin? *Precambrian Research* 167, 186 - 200.

Vallejo, C., Winkler, W., **Spikings**, R.A., Luzieux, L., Heller, F., Bussy, F., 2009. Mode and timing of terrane accretion in the forearc of the Andes in Ecuador Backbone of the Americas: Shallow Subduction, Plateau Uplift, and Ridge and Terrane Collision, Eds. Suzanne M. Kay, Víctor A. Ramos, William R. Dickinson, *Geological Society of America Special Memoir* 204.

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Van der Lelij, R., **Spikings, R.A.**, Kerr, A., Kounov, A., Cosca, M., Chew, D., Villagomez, D., 2010. Thermochronology and Tectonics of the Leeward Antilles: evolution of the Southern Caribbean Plate Boundary Zone. *Tectonics* doi:10.1029/2009TC002654.

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Villagomez, D., **Spikings, R.**, Magna, T., Kammer, A., Winkler, W., Beltran, A., submitted. Geochronology, geochemistry and tectonic evolution of the Western and Central cordilleras of Colombia. *Lithos*

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Spikings, R.A., Foster, D.A., Gleadow, A.J.W and Kohn, B.P., 1996. Phanerozoic tectonic and denudational history of the Mt. Isa Inlier, Queensland. *Geological Society of Australia*, Abstracts No. 41, p. 414.

Spikings, R.A., Foster, D.A., Gleadow, A.J.W. and Kohn, B.P., 1996, Phanerozoic Faulting and erosional history of the Mt. Isa and Murphy Inliers, Australia. *International Workshop on Fission Track Dating* Abstracts, University of Gent, Belgium, 1996. p. 108.

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Ruiz, G., **Spikings**, R.A., Winkler, W. and Seward, D., 1999. Apatite and zircon fission-track analysis of the Ecuadorian Sub-Andean zone: a record of the Oriente Geodynamics since early Jurassic. Abstracts *International Symposium on Andean Geodynamics*, Göttingen, October 4-6, p. 634 - 635.

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Bonev, N., **Spikings**, R., Moritz, R., Marchev, P., 2008. Structural and ⁴⁰Ar/³⁹Ar geochronology constraints on the Kulidijk Nappe: a record of an early alpine thrust tectonics in the northeastern Rhodope Massif, Bulgaria. Symposium on the Geology of the Aegean, April 28th – 30th, Austin, Texas.

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Reitsma, M., Schaltegger, U., **Spikings**, R., Winkler, W., Carlotto, V., 2010. Constraining the age of the Mitu Group, South-East Peru: U-Pb ages of detrital and igneous zircons. EGU Assembly, Vienna.

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