Professor Alan S Collins

PUBLICATIONS OF PROFESSOR ALAN S COLLINS

Highlights

- 245 papers published or in press (11 more submitted) in international journals, books or book chapters
- 2 edited books published.
- 13 papers published in 2025/26 (11 more submitted)
- 23,008 [Google Scholar] citations (March 26)
- h-factor 75 [Google Scholar] (March 26)
- i100 = 55, i10 = 208 [Google Scholar] (March 26)

(my students in ***italics***, ***post-docs in underlined italics***)

Geological Journalism

COLLINS A.S. 2026 Quoted in: Woodford, J. Volcanoes had lower greenhouse gas emissions in Earth's past. New Scientist 19th Jan 2026. https://www.newscientist.com/article/2511960-volcanoes-had-lower-greenhouse-gas-emissions-in-earths-past/

COLLINS, A.S. 2026. Interviewed on 'Drivetime' ABC 891 Adelaide, 12th Jan 2026. Sinkhole in Hyde Park.

COLLINS A.S. 2025 Quoted in Sutton, M., Earthquake due 'in foreseeable future' after 70 years of tremors. ABC IView article 14th Dec 2025. https://www.abc.net.au/news/2025-12-14/is-adelaide-due-for-another-big-earthquake/106126974?

COLLINS, A.S. 2024. Quoted in: Upton, D. Tectonic reconstruction winds back the clock to 1.8 Ga. Precompetitive Reviews, Sept 9th 2024. https://precompetitive-review.com/tectonic-reconstruction-winds-back-the-clock-to-1-8-ga/

COLLINS, A.S. 2024. Witness 1.8 billion years of tectonic plates dance across Earth's surface in a new animation. The Conversation, 6th Sept 2024. https://theconversation.com/witness-1-8-billion-years-of-tectonic-plates-dance-across-earths-surface-in-a-new-animation-238209

COLLINS, A.S. 2023. Quoted in: Lee, H. Early plate tectonics was surprisingly speedy. Ars Technica, August 17th 2023.https://arstechnica.com/science/2023/08/early-plate-tectonics-was-surprisingly-speedy/

COLLINS, A.S. 2023. Quoted in: Upton, D. Big geology in the Flinders solving riddles about life on Earth, and maybe even life on Mars. Precompetitive Reviews, August 11th 2023. https://precompetitive-review.com/big-geology-in-the-flinders-solving-riddles-about-life-on-earth-and-maybe-even-life-on-mars/

COLLINS, A.S. 2023. How algae conquered the world. Radio interview – ABC north and west SA, Breakfast with Tom Mann. 8th Aug 2023.

COLLINS, A.S., ***Virgo, G., Lloyd, J.*** 2023. How algae conquered the world – and other epic stories hidden in the rocks of the Flinders Ranges. The Conversation, August 7th 2023. https://theconversation.com/how-algae-conquered-the-world-and-other-epic-stories-hidden-in-the-rocks-of-the-flinders-ranges-207152 - > 11.6K reads

COLLINS, A.S. 2022. Quoted in: Upton, D. The NAC-North China Craton story keeps getting better, with exciting implications for REE potential. Precompetitive Reviews, October 12th 2022. https://precompetitive-review.com/the-nac-north-china-craton-story-keeps-getting-better-with-exciting-implications-for-ree-potential/

COLLINS, A.S. 2022. Interviewed for comment on 'The World Today', 11 August 2022 https://protect-au.mimecast.com/s/iiz0CNLJA2F9vAQAFmQqwz?domain=abc.net.au from 21.34 minutes

Virgo, G., Amos,K., **COLLINS, A.S.** 2022. GSSA TALKS: Flinders Ranges geology [podcast], Feb 21. https://www.youtube.com/watch?v=QnNNpf9znzY

COLLINS, A.S. 2022. Deep earth evolution - everything you need to know and why it's important: Alan Collins. *Talking Australia* interview, Australian Geographic. [podcast] https://omny.fm/shows/talking-australia/deep-earth-evolution-everything-you-need-to-know-a

Nixon, A., Glorie, S., **COLLINS, A.S.,** ***Blades, M.L.,*** Simpson, A. 2022. Quoted in: Upton, D. A big new LIP in the Territory with genetic links to China's rare earths. Precompetitive Reviews, February 25th 2022 https://precompetitive-review.com/a-big-new-lip-in-the-territory-with-genetic-links-to-chinas-rare-earths/

COLLINS, A.S. 2022. Quoted in: Fuge, L., Did ancient supermountains turbocharge the evolution of life? https://cosmosmagazine.com/earth/earth-sciences/supermountains-turbocharge-evolution-of-life/ Feb 6th 2022.

COLLINS, A.S. 2021. Quoted in: Fuge, L., Time travel and tipping points. Cosmos Magazine. https://cosmosmagazine.com/earth/earth-sciences/geologic-time-and-human-understanding/ June 3rd 2021.

COLLINS, A.S. 2021. Quoted in: Fuge, L., Explainer: Myth-busting the Boring Billion. Cosmos Magazine, https://cosmosmagazine.com/earth/earth-sciences/explainer-myth-busting-the-boring-billion/ March 30th 2021

COLLINS, A.S. 2022. Quoted in: Upton, D. World-first global plate model suggests Katherine region could be the answer to China's rare earths monopoly. Precompetitive Reviews, February 9th 2021. https://precompetitive-review.com/world-first-global-plate-model-suggests-katherine-region-could-be-the-answer-to-chinas-rare-earths-monopoly/

COLLINS, A.S. 2020. Quoted in: Fuge, L., Tectonic timelapse: This just in: one billion years of Earth's history in 40 seconds. Cosmos Magazine, https://cosmosmagazine.com/earth/earth-sciences/tectonic-timelapse/ Feb 4th 2021.

COLLINS, A.S. 2020. Quoted in: Kelsey-Sugg, A. & Priadko, T., The world is 'running out of sand', and it's fuelling murders, mafias and ecological devastation. ABC News. https://www.abc.net.au/news/2020-01-11/illegal-sand-trade-india-mafia-murders-vince-beiser/11779570

COLLINS, A.S. 2019. Curious kids: Where do rocks come from? The Conversation, 21st June 2019 https://theconversation.com/curious-kids-where-do-rocks-come-from-116429 - >46.9K reads

Jepson, G.,* COLLINS, A.S., *Gillespie, J. 2018 How Eurasia's Tianshan mountains set a stage that changed the world. The Conversation, November 2nd 2018. https://theconversation.com/how-eurasias-tianshan-mountains-set-a-stage-that-changed-the-world-102772 - >16.0K reads

COLLINS, A.S. and *Dew, R.C.* 2018. When Thailand and Australia were closer neighbours, tectonically speaking. The Conversation, October 19th 2018. https://theconversation.com/when-thailand-and-australia-were-closer-neighbours-tectonically-speaking-100824 - >7.6K reads

COLLINS, A.S. 2018. Curious kids: How do scientists work out how old the Earth is? The Conversation, 24th Jan 2018 https://theconversation.com/curious-kids-how-do-scientists-work-out-how-old-the-earth-is-90391 - ca. 7.5K reads

COLLINS, A.S. *Cox, G*. and ***Yang B***. 2017. What's Australia made of? Geologically, it depends on the state you're in. The Conversation, 21st Nov 2017. https://theconversation.com/whats-australia-made-of-geologically-it-depends-on-the-state-youre-in-83575 – >14.6K reads

COLLINS, A.S. 2017. What's Australia made of? Radio interview - ABC Central West NSW Statewide Drive with Kia Handley. 27th Nov 2017.

COLLINS, A.S. 2017. What's Australia made of? Radio interview - ABC Radio Hobart 936 FM, Drive with Louise Saunders interview. 21th Nov 2017. http://www.abc.net.au/radio/hobart/programs/drive/drive/9151430 (15:30 to 25:00 mins).

COLLINS, A.S. 2017. What's Australia made of? Radio interview - 6PR Perth, Perth Tonight with Chris Ilsley. 21st Nov 2017. https://www.6pr.com.au/podcast/what-is-australia-made-of/

Cox, G. and **COLLINS, A.S.** Ancient volcanic eruptions disrupted Earth's thermostat, creating a 'Snowball' planet. The Conversation, 13th Sept 2017. https://theconversation.com/ancient-volcanic-eruptions-disrupted-earths-thermostat-creating-a-snowball-planet-82215 - >11.6K reads

COLLINS, A.S. and ***Cox, G.*** Gas reveals our ancient history. Radio interview - Radio Adelaide Breakfast interview. 25th July 2017. http://radioadelaide.org.au/2017/07/25/ancient-gas/

Cox, G. and **COLLINS, A.S. 2017** A time capsule containing 118 trillion cubic feet of gas is buried in northern Australia. The Conversation, 11th July 2017. https://theconversation.com/a-time-capsule-containing-118-trillion-cubic-feet-of-gas-is-buried-in-northern-australia-80268 - >163K reads

COLLINS, A.S, and Merdith, A.S. 2017. A map that fills a 500-million year gap in Earth's history. The Conversation, 27th June 2017. https://theconversation.com/a-map-that-fills-a-500-million-year-gap-in-earths-history-79838 - >77K reads in 24 hours; >411K reads total. **Featured in The Conversation 2017 Yearbook '50 Standout Articles from Australia's Top Thinkers'.**

COLLINS, A.S. 2017. The History of the Earth. Radio Adelaide Breakfast interview. 30th June 2017.

COLLINS, A.S. 2017. The History of the Earth. Radio interview - Radio Adelaide Breakfast interview. 30th June 2017. http://radioadelaide.org.au/2017/06/30/the-history-of-the-earth/

COLLINS, A.S. 2017. Taking Plate Tectonics back in Time with Prof. Alan Collins. The Traveling Geologist. http://www.travelinggeologist.com/2017/07/taking-plate-tectonics-back-in-time-with-prof-alan-collins/

COLLINS, A.S. 2008. Snowball Earth. ABC Catalyst 2nd Oct 2008. http://www.abc.net.au/catalyst/stories/2377133.htm

COLLINS, A.S. 2002. Contributor to "The Global Zircon Industry, a five year outlook with a special focus on China" published by TZ Minerals International. 260pp.

COLLINS, A.S. & Zalasiewicz, J.A. 2001. Eat Your Crusts. *New Scientist*. 169, 42-45.

Edited Books

1. Kashghari, W.A., **COLLINS, A.S.**, Nehlig, P., El-Enen, M.M.A., Macey, P.H., Jacobs, J., Passchier, C., Kattan, F.H., Whitehouse, M., Bakhsh, R., Al Garni, S., Elkomi, M.B., Johnson, P.R., Stern, R.J., Harbi, F.M.H., Rimi, N.N., Qubsani, A.N., 2025. Critical Review of the Stratigraphy Framework of the Arabian Shield: Current Understanding and Knowledge Gaps. Special Publication Report SGS-SP-2025-1. 99 pp.
2. Kashghari, W.A., El-Enen, M.M.A., Macey, P.H., Al Garni, S., Bakhsh, R., **COLLINS, A.S.**, Elkomi, M.B., Jacobs, J., Johnson, P.R., Kattan, F.H., Nehlig, P., Passchier, C., Stern, R.J., Whitehouse, M., Harbi, F.M.H., Rimi, N.N., Qubsani, A.N., 2024. Arabian Shield Lithostratigraphic and Lithodemic Code. Special Publication Report SGS-SP-2024-2. 39 pp.

3. Hamimi, Z., Fowler, A.-R., Liegeois, J.-P., **COLLINS, A.S.,** Abdelsalam, M., Abd El-Wahed, E. (editors), 2021. The Geology of the Arabian-Nubian Shield. Springer, Regional Geology Reviews. pp. 942, ISBN 978-3-030-72994-3. https://www.springer.com/gp/book/9783030729943
4. Reddy, S.M., Mazumder, R., Evans, D.A.D. & **COLLINS, A.S.** (editors), 2009. Palaeoproterozoic Supercontinents and Global Evolution. Geological Society, London, Special Publication No. 323, pp. 368, ISBN: 978-1-86239-283-0.

Peer-reviewed papers and book chapters, impact factors from Web of Knowledge, citations from Scopus

Submitted

Virgo, G., **COLLINS, A.S.**, Farkas, J., ***Subarkah, D.***, ***Blades, M.***, Bowyer, F., Rugen, E., Amos, K., submitted. Sequence stratigraphic controls on Tonian $\delta^{13}C$ signals in the northern Flinders Ranges, South Australia: implications for global chemostratigraphic correlation. *Geochemistry, Geophysics, Geosystems*.

Khazaie, E., **COLLINS, A.S.,** Farkas, J., Polito, P., Kelsey, D., Loehr, S., Porter, J., Gilbert, S., ***Blades, M. L.,*** submitted. Coupled in Situ Rb–Sr Dating of Shales and U–Pb Dating of Apatite from the Neoproterozoic Sediment-Hosted 'Nifty' Cu Deposit, Yeneena Basin, Western Australia. *Mineralium Deposita*

Zoleikhaei, Y., Cawood, P.A., Mulder, J.A., **COLLINS, A.S.** submitted. Detrital minerals as records of sediment recycling and Earth's eroded history. *Communications Earth & Environment.*

Zhang, J., Li R., Pandit, M., **COLLINS, A.S.**, Chen, G., Wang, W. submitted. Machine Learning Application in Provenance Analysis: Integrating High-Dimensional Quartz Geochemistry with Small-Scale Datasets. *Chemical Geology.*

Horbe, A.M.C., Costa, P., Vieira, J., Albuquerque, M., dos A., ***Loyola, C***., Denezine, M., Carmo, D do, Löhr, S., Farkas, J., **COLLINS, A.S.**, Andrade, L. de, Xiao, S., Guimarães, E., submitted. A Mesoproterozoic Phosphatic Glauconitic Succession in the Amazon Region of Brazil: Geochemical, Geochronological and Palaeontological Constraints. Geosystems and Geoenvironment.

Olierook, H.K.H., Ribeiro, B.V., Liebmann, J., Rankenburg, K., Jourdan, F., Redaa, A., Lloyd, J.C., Belgrano, T.M., Cruz, C.R.C.S., Jegal, Y., Mercadier, J., Zimmermann C., Yu, J., Zametzer, A., Kirkland, C.L., Gilbert, S.E., Rohrer, R., Storey, C.D., Doucet, L.S., Jones, I., Stokes, L., Zack, T., Rösel, D., Hébert, N., Fougerouse, D., Kaempf, J., Datta, P., Hameed, H., Evans, N.J., Roberts, M.P., Farkas, J., Glorie, S., Mayers, C., Frew, A., Al Odeh, S., Roche, C.E., Chiaradia, M., Cruz-Uribe, A.M., **COLLINS, A.S.**, Karlsson, A., Kumara, A.S., submitted. Appraisal of eight natural mica reference materials for in situ Rb-Sr geochronology. *Geostandards and Geoanalytical Research.*

Merdith, A.S., Wright, N.M., Williams, S., Hunter, S.J., Leonard J., ***Blades, M.L.,*** Bowyer F., Supadee, K., Gurung, K., Xu, Z., Hasterok, D., 1, **COLLINS, A.S.,** Mills, B.J.W. submitted. Process-based simulation of palaeogeography and topography over the 1 last billion years. *Earth-Science Reviews.*

Noorian, Y., Farkaš, J. **COLLINS, A.S.**, Delle Piane, C., Todd, A., Gilbert, S.E., Fan, R., ***Loyola, C.*** submitted. Tracing provenance and diagenetic history of Mesoproterozoic organic-rich shales from the McArthur Basin, Australia, using coupled Rb-Sr and K-Ar illite dating. *Chemical Geology*.

Subarkah, D., **COLLINS, A.S.,** ***Blades, M.L.,*** ***Merdith, A.S.,*** ***Virgo, G.M.***, Farkas, J., Löhr, S.C., submitted. A global Mesoproterozoic Oxygenation Event? *Geology.*

Khanna, A., ***Blades, M.L.,*** **COLLINS, A.S.,** ***Subarkah, D.,*** Crombez, V., Schmid, S. submitted. Oxygen Oases in the Proterozoic: Clay Mineral Clues from the Limbunya Group, Northern Australia. *Precambrian Research*.

In Press

COLLINS, A.S., ***Blades, M.L.,*** Hasterok, D, ***Cameron, F.,*** Razakamanana, T., ***Merdith, A. S.,*** Foden, J. D., Clark, C. submitted. The Largest Mountain 1 Belt of the Last Billion Years: The East African Orogen, its tectono-topographic evolution and global significance. In: Harley, S. (ed) *In the Footsteps of Hutton A celebration of the tercentenary of the Birth of James Hutton*. *Geological Society, London, Special Publication*. Preprint - https://doi.org/10.31223/X55V2B

2026

5. ***Blades, M.L.***, ***De Groot, A.***, Munson, T.J., **COLLINS, A.S.,** ***Subarkah, D.***, Nixon, A., Yang, B. 2026. The Detrital Zircon Record of the Mesoproterozoic Renner Group, Tomkinson Province, Northern Australia: Correlations within the greater McArthur Basin. *Australian Journal of Earth Sciences.*
6. O'Niell, C., **COLLINS, A.S.,** Ab El-Enen, M., 2026. The Geology of War: Impact of Regional Geology in T.E. Lawrence's Arabian Campaigns, 1916–1918. *Small Wars & Insurgencies, 1–42.* *https://doi.org/10.1080/09592318.2026.2640223*

7. Vincent, V., Torremans K., ***Subarkah, D.,*** Gilbert, S., Farkas, J., **Collins, A.S.,** Stacey, J., Doran, A.L., Jones, S., Hitzman, M. 2026. In situ Rb–Sr geochronology records multiple fluid pulses in Neoproterozoic sequences from the Lubambe-Mingomba Cu deposits in the Zambian Copperbelt. *Precambrian Research.*
8. Niu, Y., **Collins, A.S.**, Fan R., Turkistani M.N., Qubsani, A., Abu El-Enen, M.M., Al Garni, S., Guo, L. 2026. A Cryogenian–Early Ediacaran volcanosedimentary record of glacial deposits in northern Saudi Arabia, Arabian–Nubian Shield. *Journal of Asian Earth Sciences*. 106987. https://doi.org/10.1016/j.jseaes.2026.106987
9. **Collins, A.S., *Blades, M.L., Subarkah, D., Cooke, H., Edwards, L., Forbister, C., Jolly, J.,*** Lloyd, J.C., Gilbert, S.E., Löhr, S., Farkaš, J., Gostin, V. 2026. Age of the Acraman Impact Ejecta Layer in the Adelaide Superbasin and Implications on clay-mineral provenance from the Rb–Sr Systematics of Middle Ediacaran Shales. *Precambrian Research.* 108015
10. ***Noorian, Y.,*** Farkaš, J., **Collins, A.S**., Frei, R., Stüeken, E., Walker, S., Piane, C., Wen Wong, W. 2026. Tectonic controls on ocean chemistry and eukaryogenesis: How enhanced nutrient supply shaped productivity blooms in a low-oxygen Mesoproterozoic Ocean. *Earth and Planetary Science Letters.* https://doi.org/10.1016/j.epsl.2025.119744

2025

11. ***Shao, Z.,*** Farkaš, J., Glorie, S., **Collins, A.S**., Gilbert, S.E., ***Subarkah, D.*** 2025. Dating of Marine Authigenic Minerals via in situ Rb–Sr, U–Pb, and Lu–Hf: A Case Study from the Georgina Basin, Australia. *Chemical Geology,* 123042
12. ***Subarkah, D., Blades, M.L.,*** **Collins, A.S**., Farkaš, J., ***Virgo, G.M.,*** 2025. Intermittent connectivity determines the oxygenation in the Favenc and lower Wilton Packages of the greater McArthur Basin, northern Australia. *Australian Journal of Earth Sciences*.
13. ***Noorian, Y.,*** Farkaš, J., **Collins, A.S**., Delle Piane, C., Hall, P.A. 2025. Controls on organic-rich shale formation in the Mesoproterozoic Beetaloo Sub-basin, Northern Territory, Australia: Insights from organic C isotopes, biogeochemistry and mineralogy. *Precambrian Research*, 427 107869.
14. ***Loyola, C.,*** Farkaš, J., **Collins, A.S**., Gilbert, S.E., Verdel, C., Löhr, S., Brock, G., Shields, G.A., Baldermann, A., Redaa, A., ***Blades, M., Subarkah, D.,*** Bishop, C., Giles, S.M., Christie-Blick, N., Haines, P., 2025. In-situ Rb–Sr dating and REE analysis of glauconites and detrital feldspars from the Ediacaran/Cambrian strata: Centralian and Adelaide Superbasins, Australia. *Precambrian Research*, 427, 107851. https://doi.org/10.1016/j.precamres.2025.107851
15. ***Hong. W.***, Fabris, A., Gilbert, S., Curtis, S., Wise, T., **Collins, A.S.** 2025 Porphyry Cu-Mo mineralization at Anabama Hill, Delamerian Orogen, South Australia: Fertility assessment implicated from epidote and chlorite chemistry. *American Mineralogist,* 110, 966-983. https://doi.org/10.2138/am-2024-9471
16. Rasaona, I. T., ***Edwards, L.E.,*** **Collins, A.S.,** Rakotondrazafy, A.F.M., Bauer, W., 2025. The Betsiaka Group in northern Madagascar: a Paleoproterozoic terrane along the northern margin of the Bemarivo Belt. *Geological Society, London, Special Publications*, 550, SP550-2024-59
17. ***Soares, J.,*** King, R., Holford, S., **Collins, A.S.** 2025. Structural Evolution of the Resource-Rich Proterozoic Western Greater McArthur Basin: A Focus on the Daly Waters Fault Zone, Northern Australia. *Precambrian Research,* 416, 107616.

2024

18. ***Khanna, A., Blades, M.L.,*** **Collins, A.S.,** 2024. The Wattie Group of the Birrindudu Basin, northern Australia: A witness to the denudation of the Nuna-forming Isa/Chewings Orogeny. *Australian Journal of Earth Sciences.* 1–18. https://doi.org/10.1080/08120099.2024.2427102
19. Löhr, S.C., ***Khazaie, E.,*** Farkas, J., Baldermann, A., Gilbert, S., Maas, R., ***Subarkah, D., Blades, M.L.,*** **Collins, A.S.** 2024. Origin and Significance of Age Variability in the Glauconite Reference Material GL-O: Implications for In Situ Rb-Sr Geochronology. Geochronology. *Geostandards and Geoanalytical Research*. https://doi.org/10.1111/ggr.12588
20. Cao, X., **Collins, A.S.,** Pisarevsky, P., Flament, N., Li, S., Hasterok, D., Müller, R.D. 2024. Earth's tectonic and plate boundary evolution over 1.8 billion years. *Geoscience Frontiers,* 101922. https://doi.org/10.31223/X5CW96
21. ***Lloyd, J.C.,*** **Collins, A.S., *Blades, M.L.,*** Gilbert, S.E., Mulder, J.A., Amos, K.J. 2024. Late Tonian development and provenance of the Adelaide Superbasin. *Tektonika.* 2, 85–111. https://doi.org/10.55575/tektonika2024.2.2.65
22. Hall A.S., Holford, S., Schofield, N., Bunch, M., **Collins, A.S.**, ***Blades, M.L***., ***Subarkah, D.*** 2024. The Derim Derim Dolerite, greater McArthur Basin, Australia: Using subsurface data to characterise a Mesoproterozoic magma plumbing system. *Marine and Petroleum Geology*, 169, 107072. https://doi.org/10.1016/j.marpetgeo.2024.107072

23. ***Hong, W.***, Fabris, A., Gilbert, S., Wade, B.P., **Collins, A.S.**, Wise, T., Ried, A.J. 2024. Using zircon and apatite chemistry to fingerprint porphyry Cu – Mo ± Au mineralization in the Delamerian Orogen, South Australia. *Mineralium Deposita.* https://doi.org/10.1007/s00126-024-01287-y
24. ***Subarkah, D.,*** Nixon, A., Gilbert, S.E., **Collins, A.S.,** ***Blades, M.L.,*** Simpson, A., Lloyd, J.C., Farkaš, J. 2024. Double dating sedimentary sequences using new applications of in-situ laser ablation analysis. *Lithos*. **480–481**, 107649. https://doi.org/10.1016/j.lithos.2024.107649
25. **Collins, A.S.,** ***Blades, M.L.,*** Krapf, C.B.E., Gilbert, S., Preiss, W., Fabris, A., 2024. New developments in laser Rb–Sr dating and their application in exploring Proterozoic sedimentary basins — an example from the northern Stuart Shelf, South Australia. *MESA Journal*, 2024-1 1, 2–8.
26. Dutkiewicz, A., ***Merdith, A.S.,*** **Collins, A.S.,** Mather, B., Ilano, L., Zahirovic, S., Müller, R.D., 2024. Duration of Sturtian 'Snowball Earth' glaciation linked to exceptionally low mid-ocean ridge outgassing. *Geology.* https://doi.org/10.1130/G51669.1
27. Arboit, F., Ceriani, A., **Collins, A.S.,** Hennhoefer, D., Pila, S., Decarlis, A. 2024. The tectonic setting of the late Ediacaran eastern Arabian basement (ca. 550 Ma): New geochronological and geochemical constraints from the basements of Oman and the United Arab Emirates. *Gondwana Research*. 130, 203–219 https://doi.org/10.1016/j.gr.2024.02.002

2023

28. ***Hong, W.,*** Fabris, A., Wise, T., **Collins, A.S.**, Gilbert, S., Selby, D., Curtis, S., Reid, A.J. 2023. Metallogenic setting and temporal evolution of porphyry Cu-Mo mineralization and alteration in the Delamerian Orogen, South Australia: Insights from zircon U-Pb, molybdenite Re-Os, and in situ white mica Rb-Sr geochronology. *Economic Geology*. 118, 1291–1318**.**
29. ***Virgo, G.M.,*** **Collins, A.S.,** ***Blades, M.L.,*** Amos, K.J. 2023. Facies architecture and stratigraphic framework of Tonian to Cryogenian in 1 Adelaide Rift Complex, South Australia. *Sedimentologika, 1,* https://doi.org/10.57035/journals/sdk.2023.e11.1083
30. ***Lloyd, J. C.,*** Preiss, W.V., **Collins, A.S.,** ***Virgo, G.M.,*** ***Blades, M.L.,*** Gilbert, S.E., ***Subarkah, D.,*** Krapf, C.B.E., Amos, K.J. 2023. Geochronology and formal stratigraphy of the Sturtian Glaciation in the Adelaide Superbasin, *Geological Magazine*. **160**, 1321–1344. https://doi.org/10.1017/S0016756823000390
31. ***Yang, B.,*** **Collins, A.S.**, ***Blades, M.L.,*** Jourdan, F. 2023. Reconstructing the Mesoproterozoic palaeogeography of northern Australia through coupled detrital thermo- and geo-chronometers. *Australian Journal of Earth Sciences.* https://doi.org/10.1080/08120099.2023.2210635
32. ***Subarkah, D.***, **Collins, A.S.,** ***Blades, M.,*** Farkas, J., Gilbert, S., Jarrett, A.J.M., ***Bullen, M. Giuliano, W***., 2023. Characterising the economic Proterozoic Glyde Package of the greater McArthur Basin, northern Australia. *Ore Geology Reviews*, 105499. https://doi.org/10.1016/j.oregeorev.2023.105499
33. ***Redaa, A.***, Farkaš, J., Gilbert, S., **Collins, A.S.**, Löhr, S., Vasegh, D., Forster, M., ***Blades. M.***, Zack, T., Baldermann, A., Dietzel, M., Garbe-Schönberg, D., 2023. Testing nano-powder and fused-glass mineral reference materials for *in-situ* Rb-Sr dating of glauconite, phlogopite, biotite and feldspar via LAICP-MS/MS. *Geostandards and Geoanalytical Research, 47, 23–48.* https://doi.org/10.1111/ggr.12467
34. Archibald D, B., **Collins, A.S**. Armistead S.E., Foden J. D., Payne J.L., Razakamanana, T., 2023. Zircon U–Pb, oxygen, and hafnium isotopic characteristics of the Neoarchaean–Palaeoproterozoic Betsiboka Suite, Madagascar: tracing source to sink pathways in Proterozoic and Phanerozoic provenance studies, *Geological Society, London, Special Publications*, **531**, SP531-2022-2162.
35. Seton, M., Williams, S.E., Domeier, M., **Collins, A.S.**, Sigloch, K. 2023. Deconstructing plate tectonic reconstructions. *Nature Reviews Earth and Environment.* https://doi.org/10.1038/s43017-022-00384-8
36. ***Baruch, E.T.,*** Löhr, S.C., Han, S., Dewhurst, D.N. and **Collins, A.S.** 2023. Comparing "apples" and "oranges" in the Woodford Shale: pitfalls of the thermal maturity gradient approach for constraining the evolution of mudrock porosity. *Marine and Petroleum Geology, 150, 106161. https://doi.org/10.1016/j.marpetgeo.2023.106161*

2022

37. ***Nixon, A.L.***, Glorie, S., Fernie, N., Hand, M., De Vries Van Leeuwen, A.T., **Collins, A.S.**, Fraser, G., 2022. Intracontinental reactivation in high heat production areas of central Australia: insights from apatite fission track thermochronology. *Geochemistry, Geophysics, Geosystems,* **23**, e2022GC010559. https://doi.org/10.1029/2022GC010559
38. **Collins, A.S.,** Ali, J.R., Razakamanana, T. 2022. An Introduction to the Geology of Madagascar: In: Goodman, S. M. (ed.) *The new natural history of Madagascar*. Princeton, Princeton University Press pp. 45-51.
39. ***Subarkah, D., Nixon, A.L.,*** Jimenez, M., **Collins, A.S.**, ***Blades. M.***, Farkaš, J., Gilbert, S., Holford, S. 2022. Constraining the geothermal parameters of in situ Rb–Sr dating on Proterozoic shales and its subsequent applications. *GChron,* **4**, 577–600. https://gchron.copernicus.org/articles/4/577/2022/

40. ***Nixon, A.L.***, Glorie, S., Hasterok, D., **COLLINS, A.S.**, Fernie, N., Fraser, G., 2022. Low-temperature thermal history of the McArthur Basin: Influence of the Cambrian Kalkarindji Large Igneous Province on hydrocarbon maturation. *Basin Research*. https://doi:10.1111/bre.12691
41. Hasterok, D., Halpin, J., **COLLINS, A.S.**, Hand, M., Kreemer, C., Gard, M., Glorie, S. 2022. New maps of global geologic provinces and tectonic plates. *Earth-Science Reviews*. **231,** 104069.
42. ***Cox, G.,*** **COLLINS, A.S.,** Jarrett, A.J.M., ***Blades M.L., Shannon, A.V., Yang, B.,*** Farkas, J., Hall, P.A., O'Hara, B., Close, D., Baruch, E.T. 2022. A very unconventional hydrocarbon play: the Mesoproterozoic Velkerri Formation of Northern Australia. *AAPG Bulletin* **106**, 1213–1237. https://doi:10.1306/12162120148
43. ***Lloyd, J.C.,*** **COLLINS, A.S.,** ***Blades, M.L.,*** Gilbert, S.E., Amos, K.J. 2022. Early Evolution of the Adelaide Superbasin. *Geosciences*, 12, 154. https://doi.org/10.3390/geosciences12040154
44. Priestley, S., Tyler, J., ***Liebelt, S.R.,*** Mosley, L.M., Wong, W.W., Shao, Y., Woolston, Z., Farrell, M., Welsh, D.T., Brookes, J.D., **COLLINS, A.S.,** Keneally, C., Farkas, J., 2022. N and C isotope variations along an extreme eutrophication and salinity gradient in the Coorong Lagoon, South Australia. *Frontiers in Earth Science. 9:727971.* https://doi:10.3389/feart.2021.72797.
45. ***Yang, B.,*** **COLLINS, A.S.,** ***Blades, M.L.,*** Munson, T.J., Payne, J.L., Glorie, S., Farkaš, J. 2022. Tectonic controls on sedimentary provenance and basin geography of the Mesoproterozoic Wilton package, McArthur Basin, northern Australia. *Geological Magazine*. 159: 179–198. https://doi.org/10.1017/S0016756820001223
46. ***Redaa, A***., Farkaš, J., Hassan, A., **COLLINS, A.S.,** Gilbert, S., Löhr, S.C. 2022. Constraints from in-situ Rb-Sr dating on the timing of tectono-thermal events in the Umm Farwah shear zone and associated Cu-Au mineralisation in the Southern Arabian Shield, Saudi Arabia. *Journal of Asian Earth Sciences,* **224**, 105037*.* https://doi.org/10.1016/j.jseaes.2021.105037
47. ***Nixon, A.L.,*** Glorie, S., **COLLINS, A.S.,** ***Blades, M.L.,*** Simpson, A., Wheelan, J., 2022. Inter-cratonic geochronological and geochemical correlations of the Derim Derim-Galiwinku-Yanliao Large Igneous Province across the North Australian and North China cratons. Gondwana Research, 103, 473-486. https://doi.org/10.1016/j.gr.2021.10.027
48. ***Subarkah, D.***, ***Blades, M.,*** **COLLINS, A.S.,** Farkas, J., Gilbert, S., Löhr, S., ***Redaa, A., Cassidy, E.,*** Zack, T., 2022. Unravelling the histories of Proterozoic shales through in-situ Rb–Sr and elemental laser ablation analysis. *Geology,* 50, 66-70*.* doi: https://doi.org/10.1130/G49187.1
49. Shields, G.A., Strachan, R.A., Porter, S.M., Halverson, G.P., Macdonald, F.A., Plumb, K.A., de Alvarenga, C.J., Banerjee, D.M., Bekker, A., Bleeker, W., Brasier, A., Chakraborty, P.P., **COLLINS, A.S.,** Condie, K., Das, K., Evans, D.A.D., Ernst, R., Fallick, A.E., Frimmel, H., Fuck, R., Hoffman, P.F., Kamber, B.S., Kuznetsov, A.B., Mitchell, R.N., Poiré, D.G., Poulton, S.W., Riding, R., Sharma, M., Storey, C., Stueeken, E., Tostevin, R., Turner, E., Xiao, S., Zhang, S., Zhou, Y. and Zhu, M., 2022. A template for an improved rock-based subdivision of the pre-Cryogenian timescale. Journal of the Geological Society, 179, jgs2020-222. https://doi.org/10.1144/jgs2020-222

2021

50. ***Richards, L.,*** Jourdan, F., **COLLINS, A.S.,** King, R.C. 2021. Deformation recorded in polyhalite from evaporite detachments revealed by $^{40}Ar/^{39}Ar$ dating. *Geochronology, 3, 545–559*. https://doi.org/10.5194/gchron-3-545-2021
51. ***Virgo, G., M.***, **COLLINS, A.S.,** Amos, K., L., Farkas, J., ***Blades, M.L., Subarkah, D.***, 2021. Descending into the "snowball": High resolution sedimentological and geochemical analysis across the Tonian to Cryogenian boundary in South Australia. *Precambrian Research.* 367, 106449.
52. ***Gillespie J.,*** Glorie, S., ***Jepson, G.***, Zhimulev, F., Gurevich, D., Danisik, M., **COLLINS, A.S**. 2021. Inherited structure as a control on late Paleozoic and Mesozoic exhumation of the Tarbagatai Mountains, southeastern Kazakhstan. *Journal of the Geological Society, London*. https://doi.org/10.1144/jgs2020-121
53. **COLLINS, A.S.,** ***Blades, M.L.,*** Merdith, A.S. 2021. Chapter 8: The Arabian Nubian Shield within the Neoproterozoic Plate Tectonic Circuit. In: Zakaria Hamimi, Abdel-Rahman Fowler, Jean-Paul Liégeois, Alan S. Collins, Mohamed G. Abdelsalam and Mohamed Abd El-Wahed (eds.), *The Geology of the Arabian-Nubian Shield*, Regional Geology Reviews. Springer, pp. 195–202. https://doi.org/10.1007/978-3-030-72995-0_8
54. ***Blades, M.L.,*** **COLLINS, A.S.,** Payne, J.L., Foden, J.D., Stüwe, K., Hassan, M., Abu-Alam, T., Makroum, F. 2021. Age and Hafnium Isotope Evolution of Sudanese Butana and Chad Illuminates the Stenian to Ediacaran Evolution of the Southeast Sahara Metacraton. *Precambrian Research.* 106323. https://doi.org/10.1016/j.precamres.2021.106323
55. ***Jepson, G.***, Glorie, S., Khudoley, A., Malyshev, S., ***Gillespie, J.***, Glasmacher, U., Carrapa, B., Soloviev, A., **COLLINS, A.S.** 2021. The exhumation history of the Central Asian Orogenic Belt reveals preserved paleotopography since ~160 Ma. *Tectonophysics*, 814, 228977 https://doi.org/10.1016/j.tecto.2021.228977

56. **COLLINS, A.S., *Blades, M.L.***, Merdith, A.S., Foden, J.D. 2021. Closure of the Proterozoic Mozambique Ocean was instigated by a late Tonian plate reorganization event. *Communications Earth & Environment, **2**, 75.* https://doi.org/10.1038/s43247-021-00149-z
57. ***Armistead, S.A.,* COLLINS, A.S.,** Schmitt, R.S., ***Costa, R.L.,*** De Waefle, B., Razakamanana, T., Payne, J.L., Foden, J.D. 2021. Proterozoic basin evolution and tectonic geography of Madagascar during the Nuna/Columbia Supercontinent. *Tectonics*, **40**, e2020TC006498. https://doi.org/10.1029/2020TC006498
58. Schmitt, R., d. S., ***Costa, R.,* COLLINS, A.S., *Armistead, S.E.*** Gomes, I.V., ***Archibald, D.A.***, Razakamanana, T. 2021. Tectonic Evolution of an Early Cryogenian Syn-Magmatic Basin in Central Madagascar. *Journal of African Earth Sciences.* **179***,* 104205. https://doi.org/10.1016/j.jafrearsci.2021.104205
59. ***Hall, P.A.***, McKirdy, D.M., Halverson, G.P., Jago, J.B., **COLLINS, A.S.** 2021. Biogeochemical status of the Palaeo-Pacific Ocean: clues from the early Cambrian of South Australia. *Australian Journal of Earth Sciences*. 68, 968-991, https://doi.org/10.1080/08120099.2021.1890639
60. ***Dew, R. E. C.,* COLLINS, A.S.,** King, R., Morley, C. K., Evans, N. J., Glorie, S. 2021. Coupled detrital zircon U–Pb and Lu–Hf case study of the Sibumasu Terrane: from Gondwana to northwest Thailand. *Journal of Asian Earth Sciences,* **211**, 104709
61. Merdith, A.S., Williams, S.E., **COLLINS, A.S.**, Tetley, M.G., Mulder, J.A., ***Blades, M.L.***, Young, A., ***Armistead, S.E.***, Cannon, J., Zahirovic, S., Müller, R.D. 2021. A continuous, kinematic full-plate motion model from 1 Ga to present. *Earth-Science Reviews.* 103477. https://doi.org/10.1016/j.earscirev.2020.103477
62. ***Redaa, A.,*** Farkaš, J., Gilbert, S., **COLLINS, A.S.,** Wade, B., Löhr, S., Zack, T., Garbe-Schönberg, D. 2021. Assessment of elemental fractionation and matrix effects during in-situ Rb–Sr dating of phlogopite by LA-ICP-MS/MS: Implications for the accuracy and precision of mineral ages. Journal of Analytical Atomic Spectrometry, 36, 322–344. doi: 10.1039/D0JA00299B

2020

63. ***Nixon, A.L.,*** Glorie, S., **COLLINS, A.S.**, Whelan, J.A., Reno, B.L., Danišík, M., Wade, B.P., Fraser, G. 2020. Footprints of the Alice Springs Orogeny preserved in far northern Australia: an application of multi-kinetic thermochronology in the Pine Creek Orogen and Arnhem Province. Journal of the Geological Society, London, http://dx.doi.org/10.1144/jgs2020-173
64. ***Lloyd, J., Blades, M.L.,*** Counts, J., **COLLINS, A.S.,** Amos, K., Wade, B., ***Hall, J.,*** Hore, S., ***Ball, A., Shahin, S., Drabsch, M.*** 2020. Neoproterozoic geochronology and provenance of the Adelaide Superbasin. *Precambrian Research. 105849.* https://doi.org/10.1016/j.precamres.2020.105849
65. ***Armistead, S.A.,* COLLINS, A.S.,** Buckman, S., ***Atkins, R.*** 2020. Age and geochemistry of the Boucaut Volcanics in the Neoproterozoic Adelaide Rift Complex, South Australia. *Australian Journal of Earth Sciences. doi:* 10.1080/08120099.2021.1840435
66. Song, S., Xiao, W., Windley, B.F., **COLLINS, A.S.,** Chen, Y., Zhang, J., Schulmann, K., Han, C., Wan, B., Ao, S., Zhang, Z., Song, D., Li. R. 2020. Late Paleozoic Chingiz and Saur arc amalgamation in West Junggar (NW China): Implications for accretionary tectonics in the southern Altaids. *Tectonics,* **39**, e2019TC005781. https://doi.org/10.1029/2019TC005781
67. ***Armistead, S.E.***, **COLLINS, A.S.**, ***Redaa, A.***, Gilbert, S., ***Jepson, G.***, ***Gillespie, J.***, ***Blades, M.L.***, Foden, J.D., Razakamanana, T., 2020. Structural Evolution and Medium-Temperature Thermochronology of Central Madagascar: Implications for Gondwana Amalgamation. *Journal of the Geological Society, London*. 177, 784-798. Impact Factor = 2.978, Journal Rank 40/190 (Geosciences, Multidisciplinary).
68. Jarrett, A. J. M., Bailey, A. E.H., Boreham, C. J., Palu, T., Hall, L., ***Shannon, A.***, **COLLINS, A.S.**, Vinnichenko, G., Brocks, J., Li, Z., Munson, T. J., Edwards, S., Carr, L., Henson, P. 2020. A geochemical investigation into the resource potential of the Lawn Hill Platform, northern Australia. *The APPEA Journal*, 60, 722-731.
69. ***Yang, B.,* COLLINS, A.S., *Cox, G.M.,*** Jarrett, A.J.M., Denyszyn, S., ***Blades, M.L.,*** Farkaš, J., Glorie, S. 2020. Using Mesoproterozoic Sedimentary Geochemistry to Reconstruct Basin Tectonic Geography and Link Organic Carbon Productivity to Nutrient Flux from a Northern Australian Large Igneous Province. *Basin Research*. 2020; 32: 1734–1750. https://doi.org/10.1111/bre.12450
70. Kunzmann, M., Crombez, V., Catuneanu, O., Blaikie, T., Barth, G., **COLLINS, A.S.** 2020. High-resolution sequence stratigraphy of the ca. 1730 Ma Wollogorang Formation, McArthur Basin, Australia. *Marine and Petroleum Geology*, 116, 104297. https://doi.org/10.1016/j.marpetgeo.2020.104297
71. Clark, C., **COLLINS, A.S**., Taylor, R.E. & Hand, M. 2020. An African origin for the tip of India. *Scientific Reports,* **10**, 5421. https://doi.org/10.1038/s41598-020-62075-y Impact Factor = 4.548, Journal Rank 1/47 (Geology).
72. ***Blades, M.L., Alessio, B.L.***, **COLLINS, A.S.**, Foden, J., Payne, J.L., Glorie, S., Holden, P**.**, ***Thorpe, B.***, Al-Khirbash, S. 2020. Unravelling the Neoproterozoic Accretionary History of Oman, Using an Array of Isotopic Systems in Zircon. *Journal of the Geological Society, London.* **177**, 357–378. https://doi.org/10.1144/jgs2018-125 Impact Factor = 2.978, Journal Rank 40/190 (Geosciences, Multidisciplinary).

73. Foden, J. D., Elburg, M., Turner, S., Clark, C., ***Blades, M.L.***, ***Cox, G.,*** **COLLINS, A.S.**, Wolff, K., ***George, C***. 2020. Cambro-Ordovician magmatism in the Delamerian orogeny: Implications for tectonic development of the southern Gondwanan margin. *Gondwana Research*, **81**, 490-521. https://doi.org/10.1016/j.gr.2019.12.006. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary).
74. ***Gillespie, J.,*** Glorie S.M., ***Jepson, G.,*** Xiao, W., **COLLINS, A.S.** 2020. Late Paleozoic exhumation of the West Junggar Mountains, NW China. *Journal of Geophysical Research, Solid Earth*,125, e2019JB018013. https://doi.org/10.1029/2019JB018013

2019

75. ***Dew, R.E.C.***, Morley, C., Tin Aung Myint, T.A., **COLLINS, A.S.**, 2019. Age and provenance of the Chaung Magyi Group, Yeywa Dome, Myanmar, based on U–Pb dating of detrital zircons. *Journal of Asian Earth Sciences, 184,* 103967. Impact Factor = 2.335, Journal Rank 68/190 (Geosciences, Multidisciplinary).
76. ***Alessio, B.L.***, Glorie, S., **COLLINS, A.S.**, Jourdan, F., ***Jepson, G., Nixon, A.***, Siegfried, P.R., Clark, C., 2019. The thermo-tectonic evolution of the southern Congo Craton margin as determined from apatite and muscovite thermochronology. *Tectonophysics*. *766,* 398-415.
77. Glorie S., ***Hall, J.W., Nixon, A.***, **COLLINS, A.S.**, Reid A., 2019. Carboniferous fault reactivation at the northern margin of the metal-rich Gawler Craton (South Australia): implications for ore deposit exhumation and preservation. *Ore Geology Reviews, 115, 103193*
78. ***Archibald, D.,*** **COLLINS, A.S**., Foden, J.D., Payne, J.L., Holden, P., Razakamanana, T. 2019. Tectonics and Chemistry of Late to Post Tectonic Magmatism in the Malagasy Mozambique Belt. *Geoscience Frontiers, 10, 2063-2084*. Impact Factor = 4.256, Journal Rank 13/190 (Geosciences, Multidisciplinary).
79. ***Alessio, B.L.***, **COLLINS, A.S.**, Siegfried, P.R., Glorie, S., De Waele, B., Payne, J., ***Archibald, D.***, 2019. Neoproterozoic tectonic geography of the south-east Congo Craton in Zambia as deduced from the age and composition of detrital zircons. *Geoscience Frontiers*, 10, 2045-2061. Impact Factor = 4.256, Journal Rank 13/190 (Geosciences, Multidisciplinary).
80. ***Cox, G.***, Foden, J., **COLLINS, A.S.** 2019. Late Neoproterozoic Adakitic Magmatism of the Eastern Arabian Nubian Shield. *Geoscience Frontiers, 10, 1981-1992*. Impact Factor = 4.256, Journal Rank 13/190 (Geosciences, Multidisciplinary).
81. **COLLINS, A.S.,** Farkas, J., Glorie, S., ***Blades, M.L., Cox, G.,*** Foden, J.D., Hall, P.A., Payne, J.L., ***Yang, B., Nixon, A., Cassidy, E., Subarkah, D., Shannon, A., Higgie, D., Toledo, G.,*** Dosseto, A., Kirscher, U., Edgoose, C., Close, D., Munson, T.J., Menpes, S., Spagnuolo, S., Close, D., Baruch-Jurado, E., Warburton, J., Hokin, G., 2019. Life and times of the Proterozoic McArthur–Yanliao Gulf: Update on the ARC-Industry–NTGS Linkage Project. AGES 2019 Proceedings, NT Geological Survey, 44-48.
82. ***Yang, B.,*** **COLLINS, A.S.**, ***Blades, M.L., Capogreco, N.,*** Payne, J.L., Munson, T.J., ***Cox, G.M.*** 2019. Middle-late Mesoproterozoic tectonic geography of the North Australia Craton: U–Pb and Hf isotopes of detrital zircons in the Beetaloo Sub-basin, Northern Territory, Australia. *Journal of the Geological Society, London*. **176**, 771-784. https://doi.org/10.1144/jgs2018-159. Impact Factor = 2.978, Journal Rank 40/190 (Geosciences, Multidisciplinary).
83. ***Alessio, B.L.***, **COLLINS, A.S.**, Clark, C., Glorie, S., Siegfried, P.R., Taylor, R., 2019. Age, origin and tectonic geography of the Southern Irumide Belt, Zambia. *Journal of the Geological Society, London*, 176, 505-516. http://dx.doi.org/10.1144/jgs2018-174. Impact Factor = 2.978, Journal Rank 40/190 (Geosciences, Multidisciplinary).
84. ***Hansberry, R.***, **COLLINS, A.S.,** King, R.C., Morley, C.K., Löhr, S.C. 2019. Combining finite strain analysis and illite crystallinity to examine strain variation in a shale detachment zone. *Journal of Asian Earth Sciences*. 157, 317-328. Impact Factor = 2.335, Journal Rank 68/190 (Geosciences, Multidisciplinary).
85. Glorie, S., ***Jepson, G.***, Konopelko, D., Mirkamalov, R., Meeuws, F., Gilbert, S., ***Gillespie, J.***, **COLLINS, A.S.,** Xiao, W., DeWaele, S. and De Grave J. 2019. Thermochronological and geochemical footprints of post-orogenic fluid alteration recorded in apatite: implications for mineralisation in the Uzbek Tian Shan. *Gondwana Research,* 71, 1-15. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary).
86. ***Armistead, S.***, **COLLINS, A.S.,** Payne, J.L., ***Cox, G.M.***, Merdith, A.S., Foden, J.D., Razakamanana, T., De Waele, B. 2019. Evolving marginal terranes during the Neoproterozoic supercontinent reorganisation: constraints from the Bemarivo Belt in northern Madagascar. *Tectonics* 38, 2019–2035. https://doi.org/10.1029/2018TC005384
87. Chen, X., Liu, J., Carranza, E.J.M., Zhang, D., **COLLINS, A.S.**, ***Yang, B.,*** Xu, W., Zhai, D., Wang, Y., Wang, J., Liu, Z., 2019. Geology, geochemistry and geochronology of the Cuihongshan Fe-polymetallic deposit, Heilongjiang Province, NE China. *Geological Journal,* **54**, 1254-1278. *DOI: 10.1002/gj.3224*. Impact Factor = 2.978, Journal Rank 40/190 (Geosciences, Multidisciplinary).

88. ***Cox, G.***, Sansjofre, P., ***Blades, M.L.***, Farkas, J., **Collins, A.S.** 2019. Dynamic interaction between basin redox and the biogeochemical nitrogen cycle in an unconventional Proterozoic petroleum system. *Nature Scientific Reports, 9:5200, https://doi.org/10.1038/s41598-019-40783-4.* Impact Factor = 4.011, Journal Rank 15/69 (Multidisciplinary Sciences)
89. ***Song, D.***, Xiao, W., **Collins, A.S**., Glorie, S., Han, C. 2019. Late Carboniferous–early Permian arc magmatism in the southwestern Alxa Tectonic Belt (NW China): Constraints on the late Paleozoic subduction history of the Paleo-Asian Ocean. *Geological Journal*, 54, 1046-1063. Impact Factor = 2.978, Journal Rank 40/190 (Geosciences, Multidisciplinary).
90. ***Blades, M.L.***, Foden, J., **Collins, A.S.,** Alemu, T., Woldetinsae, G. 2019. The origin of the ultramafic rocks of the Tulu Dimtu Belt, western Ethiopia – Do they represent remnants of the Mozambique Ocean? *Geological Magazine*. 156, 62-82. Impact Factor = 1.965, Journal Rank 84/190 (Geosciences, Multidisciplinary).
91. Merdith, A.S., Williams, S. E., Brune, S., **Collins, A.S.,** Müller, R.D., 2019. Rift and plate boundary evolution across two supercontinent cycles. *Global and Planetary Change*. **173**, 1-14. Impact Factor = 4.100, Journal Rank 23/190 (Geosciences, Multidisciplinary).

2018

92. ***Jepson, G.,*** Glorie, S., Konopelko, D., Mirkamalov, R., Mamadjanov, Y., ***Gillespie, J.,*** Danisik, M., **Collins, A.S.** 2018. Low-temperature thermochronology of the Chatkal-Kurama terrane (Uzbekistan-Tajikistan): insights into the Meso-Cenozoic thermal history of the western Tian Shan. *Tectonics*, *37*, 3954–3969. https://doi.org/10.1029/2017TC004878 Impact Factor = 3.784, Journal Rank 10/83 (Geochemistry and Geophysics).
93. ***Fernie, N.***, Glorie, S., Jessell, M.W., **Collins, A.S.** 2018. Thermochronological insights into 1 reactivation of a continental shear zone in response to Equatorial Atlantic rifting. *Nature, Scientific Reports*, 8, 16619 (2018).
94. McGee, B., Babinski, M., Trindade, R., **Collins, A.S.** 2018. Tracing final Gondwana assembly: Age and provenance of key stratigraphic units in the southern Paraguay Belt, Brazil. *Precambrian Research***, 307,** 1-33. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). **1 cite**
95. ***Alessio, B.L., Blades, M.L., Murray, G., Thorpe, B.,*** **Collins, A.S**., Kelsey, D.E., Foden, J., Payne, J., Al-Khirbash, S., Jourdan, F. 2018. Origin and tectonic evolution of the north-east basement of Oman – a window into the Neoproterozoic accretionary growth of India? *Geological Magazine* **155**, 1150-1174. **4 cites** doi:10.1017/S0016756817000061. Impact Factor = 1.965, Journal Rank 84/190 (Geosciences, Multidisciplinary).
96. ***Jepson, G.,*** Glorie, S., Konopelko, D., ***Gillespie, J.,*** Danišík, M., Evans, N.J., Mamadjanov, Y., **Collins, A.S**. 2018. Thermochronological insights into the structural contact between the Tian Shan and Pamirs, Tajikistan. *Terra Nova,* **30**, 95-104. Impact Factor = 2.214, Journal Rank 73/190 (Geosciences, Multidisciplinary). **6 cites**
97. Honarmand, M., Xiao, W., Nabatian, G., ***Blades, M., Santos, M.C. dos,*** **Collins, A.S**, Ao, S., 2018. Zircon U-Pb-Hf isotopes, bulk-rock geochemistry and Sr-Nd-Pb isotopes from the igneous and metamorphic basement in the Mahneshan area, NW Iran: Implications for Ediacaran active continental margin along the northern Gondwana and constraints on the late Oligocene crustal anataxis. *Gondwana Research,***57**, 48-76. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). **1 cite**
98. ***Hall, J.W.***, Glorie, S., Reid, A.J., Boone, S.C., **Collins, A.S.,** Gleadow, A. 2018. An apatite U-Pb thermal history map for the northern Gawler Craton, South Australia *Geoscience Frontiers,* **9**, 1293-1308. Impact Factor = 4.256, Journal Rank 13/190 (Geosciences, Multidisciplinary). **1 cite**
99. ***Hall, J.W.***, Glorie, S., Reid, A.J., **Collins, A.S.,** Jourdan, F., Danišík, M., Evans, N., 2018. Thermal history of the northern Olympic Domain, Gawler Craton; correlations between thermochronometric data and mineralising systems. *Gondwana Research,* **56**, 90-104. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary).
100. ***Gillespie, J.***, Glorie, S., Khudoley, A., **Collins, A.S.** 2018. Detrital apatite U-Pb and trace element analysis as a provenance tool: insights from the Yenisey Ridge (Siberia). *Lithos,* **314-315***,* 140-155. Impact Factor = 3.677, Journal Rank 12/83 (Geochemistry and Geophysics).
101. ***Dew, R.E.C.,*** **Collins, A.S.,** Glorie, S., Morley, C.K., ***Blades, M.L.***, Nachtergaele, S., King, R., Foden, J., De Grave, J., Kanjanapayont, P., Evans, N.J., ***Alessio, B.L.***, Charusiri, P., 2018. Probing into Thailand's basement: New insights from U–Pb geochronology, Sr, Sm–Nd, Pb and Lu–Hf isotopic systems from granitoids. *Lithos*, **320-321**. 332-354. Impact Factor = 3.677, Journal Rank 12/83 (Geochemistry and Geophysics). ***2 cites***
102. ***Dew, R.E.C.,*** **Collins, A.S.,** Glorie, S., Morley, C.K., ***Blades, M.L.***, Nachtergaele, S., King, R., Foden, J., De Grave, J., Kanjanapayont, P., Evans, N.J., ***Alessio, B.L.***, Charusiri, P., 2018. Data analysis of the U–Pb geochronology and Lu–Hf system in zircon and whole-rock Sr, Sm–Nd and Pb isotopic systems for the granitoids of Thailand. Data in Brief, 21, 1794-1809. **1 cite**
103. ***Song, D.***, Xiao, W., **Collins, A.S.,** Glorie, S., Han, C., Li, Y. 2018 Final subduction processes of the Paleo-Asian Ocean in the Alxa tectonic belt (NW China): Constraints from field and chronological data of Permian arc-related volcano-sedimentary rocks. *Tectonics*, **37**, 1658-1687. Impact Factor = 3.784, Journal Rank 10/83 (Geochemistry and Geophysics).

104. ***Cox, G.***, Isakson, V., Hoffman, P.F., Gernon, T.M., Schmitz, M.F., ***Shahin, S.***, **Collins, A.S.,** Preiss, W., ***Blades, M.L.***, Mitchell, R.N., Nordsvan, A., 2018. U-Pb zircon (CA-ID-TIMS) age supports globally synchronous Sturtian deglaciation. *Precambrian Research,* **315**, 257-263. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). **1 cite**

105. ***Jepson, G.***, Glorie, S., Konopelko, D., Mirkamalov, R., Danišík, M., **Collins, A.S.** 2018. The low-temperature thermo-tectonic evolution of the western Tian Shan, Uzbekistan. *Gondwana Research*, **64**, 122-136. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary).

106. ***Song, D.***, Xiao, W., **Collins, A.S.,** Glorie, S., Han, C., Li, Y. 2018. Final subduction processes of the Paleo-Asian Ocean in the Alxa area (NW China): Constraints from field and chronological data of Permian arc-related volcano-sedimentary rocks. *Tectonics,* TECT20862, DOI: 10.1029/2017TC004919. Impact Factor = 3.784, Journal Rank 10/83 (Geochemistry and Geophysics)

107. ***Armistead, S.***, **Collins, A.S.,** Payne, J.L., De Waele, B., Sharji, E., Santosh, M. 2018. A re-evaluation of the Kumta Suture in western peninsular India and its extension into Madagascar. *Journal of Asian Earth Sciences*. 157, 317-328. Impact Factor = 2.335, Journal Rank 68/190 (Geosciences, Multidisciplinary). **2 cites**

108. Schmitt R.S., Fragoso R.A., **Collins, A.S.**, 2018. Suturing Gondwana in the Cambrian - the Orogenic Events of the Final Amalgamation. In: Siegesmund S., Basei M.A.S., Oyhantçabal P., Oriolo S. (Eds.), Geology of Southwest Gondwana, Regional Geology Reviews, Springer., https://doi.org/10.1007/978-3-319-68920-3_15.

109. ***Yang, B., Smith, T.,*** **Collins, A.S.,** Munson, T., Schoemaker, B., Nicholls, D., ***Cox, G.***, Farkas, J, Glorie, S. 2018. Spatial and temporal detrital zircon U-Pb provenance of the hydrocarbon-bearing upper Roper Group, Beetaloo Sub-basin, Northern Territory, Australia. *Precambrian Research,* **304**, 140-155. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary).

110. ***Song, D.***, Glorie, S., Xiao, W., **Collins, A.S.,** ***Gillespie, J., Jepson, G.***, Li, Y. 2018. Tectono-thermal evolution of the southwestern Alxa Tectonic Belt, NW China: Constrained by apatite U-Pb and fission track thermochronology. *Tectonophysics,* **722**, 577-594. Impact Factor = 2.693, Journal Rank 25/83 (Geochemistry and Geophysics). ***2 cites***

111. Morley, C., Hagke, C. von, ***Hansberry, R.***, **Collins, A.,** Kanitpanyacharoen, J., King, R., 2018. Review of major shale-dominated detachment and thrust characteristics in the diagenetic zone: Part II, rock mechanics and microscopic scale. *Earth-Science Reviews*, **176**, 19-50. Impact Factor = 7.051, Journal Rank 3/190 (Geosciences, Multidisciplinary).

112. Jamshidibadr, M., **Collins, A.S.,** ***Salomao, G.N., Costa, M***. 2018. U-Pb zircon ages, geochemistry and tectonic setting of felsic and mafic intrusive rocks of Almogholagh complex, NW Iran. *Periodico di Mineralogia*. **87**, 21-53.

2017

113. ***Song, D.***, Xiao, W., **Collins, A.S.,** Glorie, S., Han, C., Li, Y. 2017. New chronological constrains on the tectonic affinity of the Alxa Block, NW China. *Precambrian Research***, 299,** 230-243. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary)

114. ***Archibald, D.A.,*** **Collins, A.S**, Foden. J.F., Payne, J.L., Macey, P.H., Holden, P., Razakamanana, T. 2017. Genesis of the Stenian-Tonian Dabolava Suite of west central Madagascar: Implications for the evolution of the Mozambique Ocean and the formation of Rodinia. *Journal of the Geological Society, London***, 175,**111-129. Impact Factor = 3.037, Journal Rank 39/190 (Geosciences, Multidisciplinary).

115. ***Dew, R.E.C.***, **Collins, A.S.**, King, R., Morley, C.K., ***Arboit, F.***, Glorie, S. 2017. Stratigraphy of deformed Permian carbonate reefs in the Saraburi Province, Thailand. *Journal of the Geological Society, London,* **175**, 163-175. Impact Factor = 3.037, Journal Rank 39/190 (Geosciences, Multidisciplinary)

116. Morley, C., Hagke, C. von, ***Hansberry, R.***, **Collins, A.,** Kanitpanyacharoen, J., King, R., 2017. Review of major shale-dominated detachment and thrust characteristics in the diagenetic zone: Part I, meso- and macro- scopic scale. *Earth-Science Reviews*, **173**, 168-228. Impact Factor = 7.051, Journal Rank 3/190 (Geosciences, Multidisciplinary).

117. Merdith, A.S., Williams, S.E., Müller, R.D., **Collins, A.S.** 2017. Kinematic constraints on the Rodinia to Gondwana transition. Precambrian Research, 299, 132-150. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). **5 cites**

118. ***Gillespie, J.***, Glorie, S., ***Jepson, G.***, Zhang, Z. Y., Xiao, W. J., Danišík, M., & **Collins, A.S.**, 2017. Differential exhumation and crustal tilting in the easternmost Tianshan (Xinjiang, China), revealed by low-temperature thermochronology. *Tectonics*, **36**. https://doi. org/10.1002/2017TC004574. Impact Factor = 3.784, Journal Rank 10/83 (Geochemistry and Geophysics).

119. Merdith, A.S., **Collins, A.S**., Williams, S.E., Pisarevsky, S., Foden, J.F., ***Archibald, D.A., Blades, M.L., Alessio, B.L., Armistead, S., Plavsa, D.***, Clark, C. & Müller, R.D. 2017. A Full-Plate Global Reconstruction of the Neoproterozoic. *Gondwana Research,* **50**, *84-134*. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary).

120. ***Arboit, F.,*** Amrouch, K., Morley, C., **COLLINS, A.S**. and King, R., 2017. Palaeostress magnitudes in the Khao Khwang fold-thrust belt, new insights into the tectonic evolution of the Indosinian orogeny in central Thailand. *Tectonophysics*. **710–711**, 266-276. Impact Factor = 2.693, Journal Rank 25/83 (Geochemistry and Geophysics). ***1 cite***

121. ***Archibald, D.,*** **COLLINS, A.S**., Foden, J.D., Razakamanana, T., 2017. Tonian Arc Magmatism in Central Madagascar: The Petrogenesis of the Imorona-Itsindro Suite. *The Journal of Geology*. **125**, 271-297. Impact Factor = 1.952, Journal Rank 14/47 (Geology).

122. Vijaya Kumar, T., Bhaskar Rao, Y.J., ***Plavsa, D.,*** **COLLINS, A.S.,** Tomson, J.K., Vijaya Gopal, B., Babu, E.V.S.S.K., 2017. Zircon U-Pb ages and Hf isotopic systematics of charnockite gneisses from the Ediacaran-Cambrian high-grade metamorphic terrains, southern India: constraints on crust formation, recycling and Gondwana correlations. *Geological Society of America, Bulletin,* **129**, 625-648. Impact Factor = 4.212, Journal Rank 15/190 (Geosciences, Multidisciplinary). ***1 cite***

123. ***Hansberry, R.L.,*** Zwingmann, H., Loehr, S., **COLLINS, A.S**., King, R., Morley, C., Drysdale, R. 2017. Constraining the timing of shale detachment faulting: a geochemical approach. *Lithosphere,* doi:10.1130/L612.1. Impact Factor = 2.662, Journal Rank 28/83 (Geochemistry and Geophysics).

124. Glorie, S., ***Agostino, K.***, Dutch, R., Pawley, M., ***Hall, J.***, Danišik, M., Evans, N.J., **COLLINS, A.S.** 2017. Thermal history and differential exhumation across the Eastern Musgrave Province, South Australia: Insights from low-temperature thermochronology. *Tectonophysics,* **703-704**, 23-41. Impact Factor = 2.693, Journal Rank 25/83 (Geochemistry and Geophysics). ***1 cite***

125. ***Gillespie, J.***, Glorie, S., Xiao, W., Zhang, Z., **COLLINS, A.S**., Evans, N., McInnes, B., De Grave, J. 2017. Mesozoic Reactivation of the Beishan, southern Central Asian Orogenic Belt: Insights from low Temperature Thermochronology. *Gondwana Research*, **43**, 107-122. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***5 cites***

2016

126. ***Hall, J.,*** Glorie, S., **COLLINS, A.S**., Reid, A., Evans, N., McInnes, B., Foden, J.D. 2016. Exhumation history of the Peake and Denison Ranges: insights from low-temperature thermochronology. *Australian Journal of Earth Sciences,* **63**, 805-820. Impact Factor = 1.198, Journal Rank 132/190 (Geosciences, Multidisciplinary). ***2 cites***

127. Saha, D., Patranabis-Deb, S., **COLLINS, A.S**., 2016. Proterozoic stratigraphy of southern Indian cratons and global context. In: Montenari, M. (Ed.), Stratigraphy & Timescales, pp. 1–59.

128. ***Arboit, F.,*** **COLLINS, A.S**., Morley, C., King, R., Jourdan, F. & Foden, J. 2016. Geochronological and geochemical study of mafic dykes from the Khao Khwang Fold-Thrust Belt: Implications for petrogenesis and tectonic evolution. *Gondwana Research*, **36**, 124-141. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***1 cite***

129. Cox, G.M., Crockford, P.W., Halverson, G.P., **COLLINS, A.S**., Jarrett, A., Edwards, D., Poirier, A. & Li, Z.-X. 2016. The Mesoproterozoic roper Seaway. *Chemical Geology,* **440**, 101-114. Impact Factor = 3.347, Journal Rank 17/83 (Geochemistry & Geophysics). ***4 cites***

130. ***Archibald, D.,*** **COLLINS, A.S**., Foden, J.D., Payne, J.L., Holden, P., Razakamanana, T., De Waele, B., Thomas, R.J., Pitfield, P.E. 2016. Genesis of the Tonian Imorona-Itsindro Magmatic Suite in central Madagascar: Insights from U-Pb, oxygen and hafnium isotopes in zircon. *Precambrian Research,* **281**, 312-337. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). ***3 cites***

131. Candan, O., Koralay, O.E., Topuz, G., Oberhänsli, R., Fritz, H., **COLLINS, A.S.** and Chen, F. 2016. Late Neoproterozoic gabbro emplacement followed by Early Cambrian eclogite-facies metamorphism in the Menderes Massif (W. Turkey): Implications on the final assembly of Gondwana. *Gondwana Research,* **34**, 158-173. Impact Factor 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***3 cites***

132. ***Arboit, F.,*** **COLLINS, A.S**., Morley, C., King, R. and Amrouch, K., 2016. In-situ detrital zircon geochronology and Hf isotopic analyses within the south-western margin of the Indochina terrane, central Thailand: New insights on the Indosinian orogeny. *Geological Society of America, Bulletin*, **128**, 1024-1043. Impact Factor = 4.212, Journal Rank 15/190 (Geosciences, Multidisciplinary). ***7 cites***

133. ***Yang, Q.-Y.***, Santosh, M., **COLLINS, A.S**., Teng, X.-M. 2016. Microblock amalgamation in the North China Craton: Evidence from Neoarchaean magmatic suite in the western margin of the Jiaoliao Block. *Gondwana Research*, **31**, 237-244. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***44 cites***

134. ***Lloyd, J.,*** **COLLINS, A.S**., Payne, J.L., Glorie, S., Holford, S., and Reid, A.J. 2016. Tracking the Cretaceous Transcontinental Ceduna River through Australia: The Hafnium Isotope Record of Detrital Zircons from Offshore Southern Australia. *Geoscience Frontiers,* **7,** 237-244. Impact Factor = 4.256, Journal Rank 13/190 (Geosciences, Multidisciplinary). ***4 cites.***

2015

135. ***Richards, L. J.,*** King. R. C., **COLLINS, A.S.,** Sayab, M., Khan, M.A., Haneef, M., Morley, C. K., Warren, J. 2015. Macrostructures vs Microstructures in Evaporite Detachments: an Example from the Salt Range, Pakistan. *Journal of Asian Earth Sciences,* **113**, 922-934. Impact Factor = 2.335, Journal Rank 68/190 (Geosciences, Multidisciplinary). ***1 cite***

136. ***Archibald, D.***, **COLLINS, A.S**., Foden, J. D., Payne, J. L., Taylor, R., Holden, P., Razakamanana, T., and Clark, C. 2015. Towards Unravelling the Mozambique Ocean Conundrum using a Triumvirate of Zircon Isotopic Proxies on the Ambatolampy Group, Central Madagascar. *Tectonophysics,* **662**, 167-182. Impact Factor = 2.693, Journal Rank 25/83 (Geochemistry and Geophysics). ***6 cites***

137. ***Hansberry, R.L.,*** **COLLINS, A.S**., King, R., Morley, C., Gize, A.P., Warren, J. Löhr, S.C and Hall, P.A. 2015. Syn-Deformation Temperature and Fossil Fluid Pathways along an Exhumed Detachment, Khao Khwang Fold-Thrust Belt, Thailand. *Tectonophysics,* **655**, 73-87. Impact Factor = 2.693, Journal Rank 25/83 (Geochemistry and Geophysics). ***4 cites***

138. Clark, C., Healy, D., Johnson, T.E., **COLLINS, A.S**., Taylor, R.J., Santosh, M. 2015. Hot orogens and supercontinent amalgamation: a Gondwanan example using SHRIMP U-Pb geochronology, REE geochemistry, phase equilibria and numerical modelling. *Gondwana Research,* **28***,* 1310-1328. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***17 cites***

139. ***Arboit, F.,*** Amrouch, K., **COLLINS, A.S.,** King, R., Morley, C.K. 2015. Determination of the tectonic evolution from faults and calcite twins on the western margin of the Indochina Block. *Tectonics,* **34**, 1576-1599*.* Impact Factor = 3.784, Journal Rank 10/83 (Geochemistry and Geophysics). ***8 cites***

140. ***Robinson, F.A.***, Foden, J.D. and **COLLINS, A.S**., 2015. Zircon geochemical and geochronological constraints on contaminated and enriched mantle sources beneath the Arabian Shield, Saudi Arabia. *The Journal of Geology*, **123**, 463-489. Impact Factor = 1.952, Journal Rank 14/47 (Geology). ***3 cites***

141. **COLLINS, A.S**., Patranabis-Deb, S., ***Alexander, E., Bertram, C., Falster, G., Gore, R., Mackintosh, J.,*** Dhang, P.C., Saha, D., Payne, J., Jourdan, F., Backé, G., Halverson, G.P., Wade, B.P. 2015. Detrital Mineral Age, Radiogenic Isotopic Stratigraphy and Tectonic Significance of the Cuddapah Basin, India. *Gondwana Research,* **28***,* 1294-1309. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***13 cites***

142. ***Blades, M.L.,*** **COLLINS, A.S**., Foden, J.D., Payne, J.L., ***Xu, X.,*** Aleumu, T., Woldetinsae, G., Clark, C., and Taylor, R. 2015. Age and Hafnium Isotopic Evolution of the Didesa and Kemashi Domains, Western Ethiopia. *Precambrian Research*, 270, 267-284. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). ***3 cites***

143. Taylor, R.J.M., Clark, C., Johnson, T.E., Santosh, M. and **COLLINS, A.S**., 2015. Unravelling the complexities in high-grade rocks using multiple techniques – the Achankovil Zone of southern India. *Contributions to Mineralogy and Petrology,* **165**, 51. DOI 10.1007/s00410-015-1147-2. Impact Factor = 2.913, Journal Rank 23/83 (Geochemistry and Geophysics). ***10 cites***

144. ***Plavsa D.***, **COLLINS, A.S**., Foden, J.D., Clark, C. 2015. The evolution of a Gondwanan Collisional Orogen: a structural and geochronological appraisal from the Southern Granulite Terrane, South India. *Tectonics,* **34**, 820-857. doi/10.1002/2014TC003706*.* Impact Factor = 3.784, Journal Rank 10/83 (Geochemistry and Geophysics). ***10 cites.***

145. ***Amarasinghe, U***., Chaudhuri, A., **COLLINS, A.S**., Deb, G., Patranabis-Deb, S. 2015. Evolving Provenance in the Proterozoic Pranhita-Godavari Basin, India. *Geoscience Frontiers, 6, 453-463.* Impact Factor = 4.256, Journal Rank 13/190 (Geosciences, Multidisciplinary). ***8 cites***

146. Johnson, T. E., Clark, C., Taylor, R. J. M., Santosh, M., **COLLINS, A.S**. 2015. Prograde and retrograde growth of monazite during the assembly of Gondwana: an example from the Nagercoil Block, southern India. *Geoscience Frontiers,* **6,** 373-387. Impact Factor = 4.256, Journal Rank 13/190 (Geosciences, Multidisciplinary). ***19 cites***

147. ***Robinson, F.,*** Foden, J.D., **COLLINS, A.S**. 2015. Geochemical and isotopic constraints on island arc, synorogenic, post-orogenic and anorogenic granitoids in the Arabian Shield, Saudi Arabia. *Lithos,* **220-223**, 97-115. Impact Factor = 3.677, Journal Rank 12/83 (Geochemistry and Geophysics). ***10 cites***

148. ***Reddy, M.,*** Glorie, S., Reid, A.J. and **COLLINS, A.S**. 2015. Phanerozoic cooling history of the central Gawler Craton: implications of new low-temperature thermochronological data. *MESA Journal*, **75**. 36-40.

149. Gutiérrez-Alonso, G., **COLLINS, A.S.,** Fernández-Suárez, J., Pastor-Galán, D., González-Clavijo, E., Jourdan, F., Weil, A.B., Johnston, S. 2015. Dating of lithospheric buckling: $^{40}Ar/^{39}Ar$ ages of syn-orocline strike-slip shear zones in northwestern Iberia. *Tectonophysics,* **643**, 44-54. Impact Factor = 2.693, Journal Rank 25/83 (Geochemistry and Geophysics). ***18 cites.***

150. ***McGee, B.,*** **COLLINS, A.S**., Trindade, R., Jourdan, F. 2015. Investigating mid-Ediacaran glaciation and final Gondwana amalgamation using coupled sedimentology and $^{40}Ar/^{39}Ar$ detrital muscovite provenance from the Paraguay Belt, Brazil. *Sedimentology,* **62**, 130-154. Impact Factor = 3.638, Journal Rank 2/47 (Geology). ***5 cites.***

151. ***McGee, B.,*** **COLLINS, A.S**., Trindade, R., Payne, J.P. 2015. Age and Provenance of the Cryogenian to Cambrian passive margin to foreland basin sequence of the northern Paraguay Belt, Brazil. *Geological Society of America, Bulletin,* **127**, 76-86. Impact Factor = 4.212, Journal Rank 15/190 (Geosciences, Multidisciplinary). ***10 cites.***

152. Wang, C., Liu, L., Wang, Y.-H., He, S.,-P., Li, R.-S., Li, M., Yang, W.-Q., Cao, Y.-T., **COLLINS, A.S.,** Shi, C., Wua, Z.-N. 2015. Recognition and tectonic implications of an extensive Neoproterozoic volcano-sedimentary rift basin along the southwestern margin of the Tarim Craton, northwestern China. *Precambrian Research*. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). ***12 cites.***

2014

153. ***Arboit, F.,* COLLINS, A.S.,** King, R., Morley, C.K., ***Hansberry, R.K***. 2014. Structure of the Sibumasu-Indochina Collision, Central Thailand: A section through the Khao Khwang Fold and Thrust Belt. *Journal of Asian Earth Sciences,* **95**, 182-191. Impact Factor = 2.335, Journal Rank 68/190 (Geosciences, Multidisciplinary). doi: 10.1016/j.jseaes.2014.06.016. ***7 cites***

154. ***Hansberry, R.L.,*** King, R., **COLLINS, A.S**., Morley, C. 2014. Complex Structure of an Upper-Level Shale Detachment Zone: Khao Khwang Fold and Thrust Belt, Central Thailand. *Journal of Structural Geology*. **67**, 140-153. Impact Factor = 2.408, Journal Rank 64/190 (Geosciences, Multidisciplinary). ***7 cites***

155. ***Robinson, F.A.***, Foden, J.D., **COLLINS, A.S.** and Payne, J.L. 2014. Arabian Shield magmatic cycles and their relationship with Gondwana assembly: Insights from zircon U-Pb and Hf isotopes. *Earth and Planetary Science Letters,* **408**, 207-225. Impact Factor = 4.409, Journal Rank 7/83 (Geochemistry and Geophysics). ***19 cites***

156. ***Henderson, B.***, **COLLINS, A.S.,** Payne, J.P., Forbes, C. and Saha, D. 2014. Geologically Constraining India in Nuna/Columbia: The Age, Isotopic Provenance and Geochemistry of the Protoliths of the Ongole Domain, Southern Eastern Ghats, India. *Gondwana Research,* **26,** 888-906. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***22 cites.***

157. ***Plavsa D.***, **COLLINS, A.S**., Payne, J.L., Foden, J.D., Clark, C. and Santosh, M. 2014. Detrital Zircons in Basement Metasedimentary Protoliths Unveil the Origins of Southern India. *Geological Society of America, Bulletin*, 126, 791-811. Impact Factor = 4.212, Journal Rank 15/190 (Geosciences, Multidisciplinary). ***38 cites***

158. Le Heron, D. P., ***Busfield, M.E.*** & **COLLINS, A.S**. 2014. Bolla Bollana boulder beds: A Neoproterozoic trough mouth fan in South Australia? *Sedimentology,* **61**, 978-995. Impact Factor = 3.638, Journal Rank 2/47 (Geology). ***5 cites***

159. Kakar, M.I., Kerr, A.C., Mahmood, K., **COLLINS, A.S**., Khan, M. and McDonald, I. 2014. Supra-subduction zone tectonic setting of the Muslim Bagh Ophiolite, northwestern Pakistan: insights from geochemistry and petrology. *Lithos*, **202-203**, 190-206. Impact Factor = 3.677, Journal Rank 12/83 (Geochemistry and Geophysics). ***6 cites***

160. Glorie, S., De Grave, J., Singh, T., Payne, J. L., **COLLINS, A.S**. 2014. Crustal Root of the Eastern Dharwar Craton: Zircon 1 U-Pb Age and Lu-Hf Isotopic Evolution of the East Salem Block, southeast India. *Precambrian Research*, 249, 229-246. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). ***17 cites***

161. ***Nettle, D.,*** Halverson, G.P., ***Cox, G.M.,* COLLINS, A.S.,** Schmitz, M., Gehling, J., Johnson, P.R., Kadi, K. 2014. A Middle-Late Ediacaran Volcano-Sedimentary Record from the Eastern Arabian-Nubian Shield. *Terra Nova*, 26, 120-129. DOI: 10.1111/ter.12077. Impact Factor = 2.214, Journal Rank 73/190 (Geosciences, Multidisciplinary). ***6 cites***

162. Sen, K., Mukherjee, B.K. and **COLLINS, A.S.**, 2014. Reply to comment on "Interplay of deformation and magmatism in the Pangong Transpressional Zone, Eastern Ladakh, India: Implications for remobilization of the trans-Himalayan magmatic arc and initiation of the Karakoram Fault". *Journal of Structural Geology,* 62, 13-24. Impact Factor = 2.408, Journal Rank 64/190 (Geosciences, Multidisciplinary).

163. **COLLINS, A.S**., Clark, C. & ***Plavsa, D.*** 2014. Peninsular India in Gondwana: The Tectonothermal Evolution of the Southern Granulite Terrane and its Gondwanan Counterparts. *Gondwana Research,* 25, 190-203 Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***95 cites***

164. Sen, K., Mukherjee, B.K. and **COLLINS, A.S.**, 2014. Interplay of deformation and magmatism in the Pangong Transpression Zone, eastern Ladakh, India: Implications for remobilization of the trans-Himalayan magmatic arc and initiation of the Karakoram Fault. *Journal of Structural Geology,* 62, 13-24. Impact Factor = 2.4084, Journal Rank 64/190 (Geosciences, Multidisciplinary). ***9 cites***

2013

165. Sen, K. & **COLLINS, A.S**. 2013. Dextral Transpression and Late-Eocene Magmatism in the Trans-Himalayan Ladakh Batholith (North India): Implications for Tectono-magmatic evolution of the Indo-Eurasian Collision Arc. *International Journal of Earth Science,* 102, 1895–1909. Impact Factor = 2.283, Journal Rank 71/190 (Geosciences, Multidisciplinary). ***8 cites***

166. Fritz, H., Abdelsalam, M., Ali, K.A., Bingen, B., **COLLINS, A.S**., Fowler, A.R., Ghebreab, W., Hauzenberger, C.A., Johnson, P., Kusky, T., Macey, P., Muhongo, S., Stern, R.J., Viola, G. 2013. Orogen styles in the East Africa Orogens: A review of the Neoproterozoic to Cambrian Tectonic Evolution. *Journal of African Earth Sciences,* 86, 65-106. Impact Factor = 1.402, Journal Rank 120/190 (Geosciences, Multidisciplinary). ***109 cites***

167. ***McGee, B.*, COLLINS, A.S**. & Trindade, R.I.F. 2013. A glacially incised canyon in Brazil: Further evidence for mid-Ediacaran glaciation? *The Journal of Geology,* 121, 275-287. Impact Factor = 1.952, Journal Rank 14/47 (Geology). ***9 cites***

168. Sen, K. & **COLLINS, A.S**. 2013. Reply to comment on "Dextral Transpression and Late-Eocene Magmatism in the Trans-Himalayan Ladakh Batholith (North India): Implications for Tectono-magmatic evolution of the Indo-Eurasian Collision Arc". *International Journal of Earth Science,* 102, 973-975. Impact Factor = 2.283, Journal Rank 71/190 (Geosciences, Multidisciplinary). ***1 cite***

169. Safonova, I., Seltmann, R., Sun, M., Kröner, A., Kislov, E.V., Kovach, V.P. & **COLLINS, A.S**. 2013. Continental construction in central Asia (IGCP-592): Scientific results and meetings in 2012. *Episodes*, 36, 227-234. Impact Factor = 1.190, Journal Rank 133/190 (Geosciences, Multidisciplinary). ***2 cites***

170. Jamshidi-Badr, M., **COLLINS, A.S**., Masoudi, F., ***Cox, G.*** & Mohajel, M., 2013. The U-Pb age, geochemistry and tectonic significance of granitoids in The Soursat complex, Northwest Iran. *Turkish Journal of Earth Sciences*, 22, 1-31. Impact Factor = 1.178, Journal Rank 134/190 (Geosciences, Multidisciplinary). ***15 cites.***

2012

171. Kakar, M.I., **COLLINS, A.S**., Mahmood, K., Foden, J.D. and Khan, M. 2012. U-Pb Zircon Crystallization Age of the Muslim Bagh Ophiolite: Enigmatic Remains of an Extensive Pre-Himalayan Arc? *Geology.* 40, 1099-1102. Impact Factor = 4.635, Journal Rank 1/47 (Geology). ***13 cites***

172. ***McGee, B.,*** Halverson, G.P. and **COLLINS, A.S**., 2012. Cryogenian Rift-Related Magmatism and Sedimentation: South-western Congo Craton, Namibia. *Journal of African Earth Sciences.* 76, 34-49. Impact Factor = 1.402, Journal Rank 120/190 (Geosciences, Multidisciplinary). ***11 cites***

173. Kakar, M.I., Mahmood, K., **COLLINS, A.S.,** Kahn, M., Shah, M.T. and Kasi, K. 2012. Geochemistry and Petrogenesis of volcanic rocks from the Bagh complex, Northern Balochistan, Pakistan. *Journal of Himalayan Earth Sciences*. 45, 17-29.

174. Ustaömer, P.A., Ustaömer, T., Gerdes, A., Robertson, A.H.F. and **COLLINS, A.S**., 2012. Evidence of Precambrian sedimentation/magmatism and Cambrian metamorphism in the Bitlis Massif, SE Turkey utilising whole-rock geochemistry and U-Pb LA-ICP-MS zircon dating. *Gondwana Research*. 21, 1001-1018. doi:10.1016/j.gr.2011.07.012. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***28 cites***

175. ***Anderson, J.R.,*** Payne, J.L., Kelsey, D.E., Hand, M., **COLLINS, A.S**. and Santosh, M. 2012. High Pressure Granulites at the Dawn of the Proterozoic. *Geology,* 40, 431–434. Impact Factor = 4.635, Journal Rank 1/47 (Geology). doi: :10.1130/G32854.1

176. ***Plavsa D.,* COLLINS, A.S**., Foden, J.F., ***Kropinski, L.,*** Santosh, M., Chetty, T.R.K. and Clark, C., 2012. Delineating Crustal Domains in Peninsular India: Age and Chemistry of Orthopyroxene-Bearing Felsic Gneisses in the Maduari Block. *Precambrian Research*. 198-199, 77-93. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). ***75 cites***

177. **COLLINS, A.S**., Kinny, P.D. & Razakamanana, T. 2012. Depositional Age, Provenance and Metamorphic Age of Metasedimentary Rocks from Southern Madagascar. *Gondwana Research,* 21, 353-361. doi:10.1016/j.gr.2010.12.006. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***35 cites***

178. Tohver, E., **COLLINS, A.S**., Babinski, M. and Trindade, R.I.F. 2012. Assembling two easy pieces: the geology of western Gondwana and plate tectonic theory. *Gondwana Research*, 21, 311-315. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***6 cites***

179. Jamshidi-Badr, M., Masoudi, F., **COLLINS, A.S**., Mohajjel, M. 2012. Mineralogical evidence for regional metamorphism overprinted by contact metamorphism. *Acta Geologica Sinica-English Edition,* 86, 48-64. Impact Factor = 1.708, Journal Rank 99/190 (Geosciences, Multidisciplinary). ***2 cites***

180. Bandeira, J., ***McGee, B.,*** Nogueira, A.C.R., **COLLINS, A.S**., Trindade, R. 2012. Sedimentological and Provenance Response to Cambrian Closure of the Clymene Ocean: The Upper Alto Paraguai Group, Paraguay Belt, Brazil. *Gondwana Research,* 21, 323-340. doi:10.1016/j.gr.2011.04.006. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***20 cites***

181. ***McGee, B.,* COLLINS, A.S**., Trindade, R.I.F. 2012. G'day Gondwana - birth of a supercontinent: U/Pb ages for the post-orogenic São Vicente granite, Mato Grosso, Brazil. *Gondwana Research,* 21, 316-322. doi:10.1016/j.gr.2011.04.011. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***21 cites***

182. ***Cox, G.M., Lewis, C.J.*, COLLINS, A.S**., Halverson, G.P., Jourdan, F., Foden, J., ***Nettle, D.,*** Kattan, F. 2012. Ediacaran Terrane Accretion in the Arabian-Nubian Shield. *Gondwana Research,* 21, 341-352. doi:10.1016/j.gr.2011.02.011. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***46 cites***

2011

183. Smithies, R.H., Howard, H.M., Evins, P.M., Kirkland, C.L., Kelsey, D.E., Hand, M., Wingate, M.T.D., **COLLINS, A.S**., Belousova, E., 2011. High-temperature granite magmatism, UHT metamorphism and crust-mantle interaction - the Mesoproterozoic evolution of the Musgrave Province, central Australia's long-lived hot-spot. *Journal of Petrology,* **52**, 931-958. Impact Factor = 3.280, Journal Rank 18/83 (Geochemistry and Geophysics). ***71 cites***
184. Johnson, P.R., Andresen, A., **COLLINS, A.S**., Fowler, A.R., Fritz, H., Ghebreab, W., Kusky, T. and Stern, R.J., 2011. Late Cryogenian-Ediacaran history of the Arabian-Nubian Shield: A review of depositional, plutonic, structural, and tectonic events in the closing stages of the northern East African Orogen. *Journal of African Earth Sciences*. 61, 167-232. Impact Factor = 1.402, Journal Rank 120/190 (Geosciences, Multidisciplinary). ***157 cites***
185. ***Teale, W.,*** **COLLINS, A.S**., Foden, J., Payne, J.L., ***Plavsa, D.,*** Chetty, T.R.K., Santosh, M. and Fanning, M. 2011. Cryogenian (~830 Ma) mafic magmatism and metamorphism in the northern Madurai Block, southern India: a magmatic link between Sri Lanka and Madagascar? *Journal of Asian Earth Sciences.* 42, 223-233. Impact Factor = 2.335, Journal Rank 68/190 (Geosciences, Multidisciplinary). ***52 cites***
186. Le Heron, D.P., ***Cox, G.M.,*** Trundley, A.E., **COLLINS, A.S**., 2011. Sea-ice free conditions in the depths of the early Cryogenian (Sturt) glaciation, South Australia. *Geology*, **39**, 31-34. Impact Factor = 4.635, Journal Rank 1/47 (Geology). ***26 cites***
187. Le Heron, D.P., ***Cox, G.,*** Trundley, A. and **COLLINS, A.S**., 2011. Two Cryogenian glacial successions compared: Aspects of the Sturt and Elatina sediment records of South Australia. *Precambrian Research*, **186**, 147-168. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). ***18 cites***

2010

188. Jamshidi-Badr, M., Masoudi, F., **COLLINS, A.S**. and ***Cox, G.*** 2010. Dating of Precambrian metasedimentary rocks and timing of their metamorphism in the Soursat Metamorphic Complex (NW IRAN): using LA–ICP-MS, U–Pb dating of Zircon and Monazite. *Journal of Sciences, Islamic Republic of Iran,* **21**, 311-319.
189. ***McGee, B.,*** Giles, D., Kelsey, D.E. & **COLLINS, A.S**. 2010. Protolith heterogeneity as a factor controlling the feedback between deformation, metamorphism and melting in a granulite-facies gold deposit. *Journal of the Geological Society, London.* 167, 1089-1104. Impact Factor = 3.037, Journal Rank 39/190 (Geosciences, Multidisciplinary). ***6 cites***
190. **COLLINS, A.S**., Clark, C., Chetty, T.R.K. and Santosh, M. 2010. Ediacaran-Cambrian Tectonic Evolution of Southern India. *Indian Journal of Geology*, **80**, 23-40. Impact Factor = 3.784, Journal Rank 10/83 (Geochemistry and Geophysics). ***37 cites***

2009

191. Li, Z.X., Bogdanova, S.V., **COLLINS, A.S**., Davidson, A., De Waele, B., Ernst, R.E., Evans, D.A.D., Fitzsimons, I.C.W., Fuck, R.A., Gladkochub, D.P., Jacobs, J., Karlstrom K.E., Lu, I.S., Natapov, L.M., Pease, V., Pisarevsky, S.A., Thrane, K., & Vernikovsky, V. 2009. How not to assemble a Precambrian supercontinent – Reply to J.D.A. Piper. *Precambrian Research,* **174**, 208-214. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). ***12 cites***
192. Clark, C. **COLLINS, A.S**., Santosh, M., Taylor, R. and Wade, B.P., 2009. The P-T-t architecture of a Gondwanan suture: REE, U-Pb and Ti-in-zircon thermometric constraints from the Palghat Cauvery shear system, South India. *Precambrian Research,* **174**, 129-144. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). ***66 cites***
193. Halverson, G.P., Hurtgen, M.T., Porter, S.M. & **COLLINS, A.S**. 2009. Neoproterozoic-Cambrian Biogeochemical Evolution. In C. Gaucher, A.N. Sial, G.P. Halverson, and H.E. Frimmel (Eds.). *Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: a focus on southwestern Gondwana*. Developments in Precambrian Geology, Volume 16, Elsevier, pp. 351-365. ***33 cites***
194. ***Raimondo, T***., **COLLINS, A.S**., Hand, M., ***Walker-Hallam, A***., Smithies, R.H., Evins, P.M. & Howard, H.M. 2009. Ediacaran Intracontinental Channel Flow. *Geology*, 37, 291-294. Impact Factor = 4.635, Journal Rank 1/47 (Geology). ***23 cites***
195. Clark, C., **COLLINS, A.S**., Kinny, P.D., Timms, N.E. & Chetty, T.R.K. 2009. SHRIMP U-Pb Age Constraints on Charnockite Magmatism and High-Grade Metamorphism in the Salem Block, Southern India. *Gondwana Research,* **16**, 27-36. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***106 cites***
196. Stewart, J., Betts, P., **COLLINS, A.S**. and Schaefer, B., 2009. Multi-scale analysis of Proterozoic shear zones: an integrated structural and geophysical study. *Journal of Structural Geology*, 31, 1238-1254. Impact Factor = 2.408, Journal Rank 64/190 (Geosciences, Multidisciplinary). ***14 cites***
197. Ustaömer, P.A., Ustaömer, T. **COLLINS, A.S**. and Robertson, A.H.F. 2009. Cadomian (Ediacaran-Cambrian) arc magmatism in the Bitlis Massif, SE Turkey: magmatism along the developing northern margin of Gondwana. *Tectonophysics*, 473, 99-112. Impact Factor = 2.693, Journal Rank 25/83 (Geochemistry and Geophysics) ***57 cites***
198. Ustaömer, P.A., Ustaömer, T. **COLLINS, A.S**. and Reischpeitsch, J**.** 2009. Lutetian arc-type magmatism along the southern Eurasian margin: New U-Pb LA-ICPMS and whole-rock geochemical data from Marmara Island, NW Turkey.

Mineralogy and Petrology, 96, 177–196. Impact Factor = 1.236, Journal Rank 53/83 (Geochemistry and Geophysics). ***18 cites***

2008

199. Kelsey, D.E., Wade, B.P., **COLLINS, A.S**., Hand, M., Sealing, C.R. and Netting, A. 2008. A Neoproterozoic basin precursor to UHT metamorphism in the Prydz Bay belt in east Antarctica. *Precambrian Research*, 161, 355-388. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). ***46 cites***
200. Murphy, B.M. and **COLLINS, A.S.** 2008. ^{40}Ar-^{39}Ar white mica ages reveal Neoproterozoic/Paleozoic provenance and an Alleghanian overprint in coeval Upper Ordovician-Lower Devonian rocks of Meguma and Avalonia. *Tectonophysics*, 461, 265-276. Impact Factor = 2.693, Journal Rank 25/83 (Geochemistry and Geophysics). ***12 cites***
201. Li, Z.X., Bogdanova, S.V., **COLLINS, A.S**., Davidson, A., De Waele, B., Ernst, R.E., Fitzsimons, I.C.W., Fuck, R.A., Gladkochub, D.P., Jacobs, J., Karlstrom, K.E., Lu, S., Natapov, L.M., Pease, V., Pisarevsky, S.A., Thrane, K., Vernikovsky, V. 2008, Assembly, configuration, and break-up history of Rodinia: a synthesis, *Precambrian Research,*160, 179-210. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). ***1234 cites***
202. Pisarevsky, S.A., Murphy, J.B., Cawood, P.A and **COLLINS, A.S**. 2008. Late Neoproterozoic and Early Cambrian palaeogeography: models and problems. In: Brito Neves, B.B., Trouw, R.A.J., de Wit, M.J. and Pankhurst, R.J. (eds). Western Gondwana: Pre-Cenozoic Geology Bordering the South Atlantic. *Geological Society, London, Special Publication,* 294, 9-31. ***91 cites***

2007

203. **COLLINS, A.S**., Santosh, M., Braun, I and Clark, C. 2007. Age and Sedimentary Provenance of the Southern Granulites, South India. U-Th-Pb SHRIMP Secondary Ion Mass Spectrometry. *Precambrian Research*, 155, 125-138. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). ***106 cites***
204. Strachan, R., **COLLINS, A.S**., Buchan, C., Nance, D., Murphy, B. and D'Lemos, 2007. Terrane analysis along a Neoproterozoic active margin of Gondwana: Insights from U-Pb zircon geochronology. *Journal of the Geological Society, London, Special.* 164, 57-60. Impact Factor = 3.037, Journal Rank 39/190 (Geosciences, Multidisciplinary). ***36 cites***
205. **COLLINS, A.S**., Clark, C., Sajeev, K., Santosh, M., Kelsey, D.E., and Hand, M., 2007. Passage Through India: The Mozambique Ocean Suture, High Pressure Granulites and the Palghat-Cauvery Shear System: *Terra Nova*, 19, 141-147. Impact Factor = 2.214, Journal Rank 73/190 (Geosciences, Multidisciplinary). ***152 cites***

2006

206. Kelsey, D.E., Clark, C., Hand, M. and **COLLINS, A.S**. 2006. Comment on "First report of garnet–corundum rocks from southern India: Implications for prograde high-pressure (eclogite-facies?) metamorphism" by Shimpo et al. [Earth Planet. Sci. Lett. 242 (2006) 111–129]. *Earth & Planetary Science Letters,* 249: 529-534. Impact Factor = 4.409, Journal Rank 7/83 (Geochemistry and Geophysics). ***20 cites***
207. Clark, C., Schmidt Mumm, A. and **COLLINS, A.S**. 2006. A coupled micro- and macro structural approach to the analysis of fluid induced brecciation, Curnamona Province, South Australia. *Journal of Structural Geology*, 28, 745-761. Impact Factor = 2.408, Journal Rank 64/190 (Geosciences, Multidisciplinary). ***7 cites***
208. Kehelpannala, K.V.W. and **COLLINS, A.S.,** 2006. The Role of Sri Lanka and Associated Continental Blocks in the Assembly and Break-up of Rodinia and Gondwana: Introduction. *Journal of Asian Earth Sciences*, 28, 1-2. Impact Factor = 2.335, Journal Rank 68/190 (Geosciences, Multidisciplinary).
209. Santosh, M., **COLLINS, A.S.,** Tamashiro, I., Koshimoto, S., Nagata, M., Tsutsumi, Y. and Yokoyama, K., 2006. The Timing of Ultrahigh-temperature Metamorphism in Southern India: U-Th-Pb Electron Microprobe Ages from Zircon and Monazite in Sapphirine-bearing Granulites. *Gondwana Research*, 10, 128-155. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***102 cites***
210. Parthasarathy, G., **COLLINS, A.S.** and Chetty, T.R.K., 2006. Natural graphite from Neoproterozoic psammitic gneiss, Inanalo Mountain, southern Madagascar. *Journal of the Geological Society of India,* 68, 176-180. Impact Factor = 0.479, Journal Rank 183/190 (Geosciences, Multidisciplinary). ***2 cites***
211. Danelian, T., Robertson, A.H.F., **COLLINS, A.S.** and Poisson, A. 2006. Biochronology of Jurassic and Early Cretaceous radiolarites from the Lycian Mélange (SW Turkey) and implications for the evolution of the Northern Neotethyan ocean. In Robertson, A. H. F. & Mountrakis, D. (eds) Tectonic Development of the Eastern Mediterranean *Geological Society, London, Special Publication* 260, 229–236. ***8 cites***
212. Santosh, M., Tagawa, M., Yokoyama, K. and **COLLINS, A.S.** 2006. U-Pb Electron probe geochronology of the Nagercoil Granulites, Southern India: Implications for Gondwana Amalgamation. *Journal of Asian Earth Sciences*, 28, 63-80. Impact Factor = 2.335, Journal Rank 68/190 (Geosciences, Multidisciplinary). ***14 cites***
213. **COLLINS, A.S.**, 2006. Madagascar and the Amalgamation of Central Gondwana. *Gondwana Research (GR Focus).* 9, 3-16. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***114 cites***

2005

214. Ring, U. and **COLLINS, A.S**., Kassem, O.K. 2005. U-Pb SHRIMP data on the crystallization age of the Gran Paradiso augengneiss, Italian Western Alps: further evidence for Permian magmatic activity in the Alps during break-up of Pangea. *Swiss Journal of Geoscience*, 98, 363-370. Impact Factor = 1.533, Journal Rank 110/190 (Geosciences, Multidisciplinary). ***19 cites***
215. **COLLINS, A.S.** and Pisarevsky S.A., 2005. Amalgamating eastern Gondwana: The evolution of the Circum-Indian Orogens. *Earth Science Reviews*, 71, 229-270. Impact Factor = 7.051, Journal Rank 3/190 (Geosciences, Multidisciplinary). ***419 cites***
216. Gutiérrez-Alonso, G., Fernández-Suárez, J. **COLLINS, A.S**., Abad, I. and Nieto, F. 2005 Amazonian Mesoproterozoic basement in the core of the Ibero-Armorican Arc: $^{39}Ar/^{40}Ar$ detrital mica ages compliment the zircon's tale. *Geology*, 33, 637-640. Impact Factor = 4.635, Journal Rank 1/47 (Geology). ***49 cites***
217. Santosh, M., **COLLINS, A.S.,** Morimoto, T. and Yokoyama, K. 2005. Depositional constraints and age of metamorphism in southern India: U—Pb chemical (EMPA) and isotopic (SIMS) ages from the Trivandrum Block. *Geological Magazine*, 142, 255-268. Impact Factor = 1.965, Journal Rank 84/190 (Geosciences, Multidisciplinary). ***36 cites***
218. Santosh, M., Tanaka, K., Yokoyama, K. and **COLLINS, A.S.**, 2005. Late Neoproterozoic-Cambrian felsic magmatism along transcrustal shear zones in southern India: U-Pb electron microprobe ages and implications for the amalgamation of the Gondwana supercontinent. *Gondwana Research*, 8, 31-42. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***60 cites***
219. Ring, U. and **COLLINS, A.S.** 2005. U-Pb SIMS dating of syn-kinematic granites: Timing of core-complex formation in the northern Anatolide belt of western Turkey. *Journal of the Geological Society, London*, 162, 289-298. Impact Factor = 3.037, Journal Rank 39/190 (Geosciences, Multidisciplinary). ***90 cites***

2004

220. **COLLINS, A.S.** and Buchan, C. 2004. Provenance and Age Constraints of the South Stack Group, Anglesey, UK: U-Pb SIMS Detrital Zircon Data. *Journal of the Geological Society, London – Special,* 161, 743-746. Impact Factor = 3.037, Journal Rank 39/190 (Geosciences, Multidisciplinary). ***31 cites***
221. **COLLINS, A.S.**, Reddy, S.M., Buchan, C. and Mruma, A., 2004. Temporal Constraints on Palaeoproterozoic Eclogite Formation and Exhumation. *Earth & Planetary Science Letters*, 224, 177-194. Impact Factor = 4.409, Journal Rank 7/83 (Geochemistry and Geophysics). ***63 cites***
222. Cox, R., Coleman, D.S., Chokel, C.B., DeOreo, S.B., Wooden, J.L., **COLLINS, A.S**., De Waele, B. and Kröner, A. 2004. Proterozoic tectonostratigraphy and paleogeography of central Madagascar derived from detrital zircon U-Pb age populations. *Journal of Geology,* 112, 379-400. Impact Factor = 1.952, Journal Rank 14/47 (Geology). ***66 cites***
223. Robertson A., Ustaömer T., Pickett, E., **COLLINS, A.S.**, Andrew, T., & Dixon J., 2004. Testing Models of Triassic Orogenesis in W Turkey: Support for an Evolving Open-Tethys Model. *Journal of the Geological Society, London*, 161, 501-511. Impact Factor = 3.037, Journal Rank 39/190 (Geosciences, Multidisciplinary). ***88 cites***
224. Reddy, S.M., **COLLINS, A.S**., Buchan, A.C. and Mruma, A.H. 2004. Heterogeneous excess argon and Neoproterozoic heating in the Usagaran Orogen, Tanzania, revealed by single grain $^{40}Ar/^{39}Ar$ thermochronology. *Journal of African Earth Sciences*, 39, 165-176. Impact Factor = 1.402, Journal Rank 120/190 (Geosciences, Multidisciplinary). ***17 cites***
225. Gessner, K., **COLLINS, A.S**., Ring, U and Güngör T. 2004. Structural and thermal history of poly-orogenic basement: SHRIMP geochronology of granitoid rocks in the southern Menderes Massif, Western Turkey. *Journal of the Geological Society, London*. 161, 93-101. Impact Factor = 3.037, Journal Rank 39/190 (Geosciences, Multidisciplinary). ***104 cites***

2003

226. **COLLINS, A.S**. 2003. Structure and Age of the Northern Leeuwin Complex, Western Australia: Constraints from Field Mapping and U-Pb Isotopic Analysis. *Australian Journal of Earth Sciences*, 50, 585-599. Impact Factor = 1.198, Journal Rank 132/190 (Geosciences, Multidisciplinary). ***56 cites***
227. Santosh, M. and **COLLINS, A.S**. 2003. Gemstone mineralization in the Palghat-Cauvery shear zone system (Karur-Kangayam Belt), southern India. *Gondwana Research*, 6, 911-918. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***26 cites***
228. **COLLINS, A.S**., Kröner, A., Fitzsimons, I.C.W. and Razakamanana, T. 2003. Detrital Footprint of the Mozambique Ocean: U/Pb SHRIMP and Pb Evaporation Zircon Geochronology of Metasedimentary Gneisses in Eastern Madagascar. *Tectonophysics.* 375, 77-99. Impact Factor = 2.693, Journal Rank 25/83 (Geochemistry and Geophysics). ***67 cites***
229. Reddy, S.M., **COLLINS, A.S**. and Mruma, A. 2003. Complex High-Strain Deformation in the Usagaran Orogen, Tanzania: Structural Setting of Palaeoproterozoic Eclogites. *Tectonophysics.* 375, 101-123. Impact Factor = 2.693, Journal Rank 25/83 (Geochemistry and Geophysics). ***47 cites***

230. **COLLINS, A.S**., Johnson, S., Fitzsimons, I.C.W., Powell, C.McA., Hulscher, B., Abello, J. and Razakamanana, T. 2003. Neoproterozoic deformation in central Madagascar: a structural section through part of the East African Orogen. *In*: Proterozoic East Gondwana: Supercontinent Assembly and Breakup (eds. Yoshida, M., Windley, B.F. and Dasgupta S.). *Geological Society, London, Special Publication*, 206, 363-379. ***34 cites***
231. **COLLINS, A.S**., Fitzsimons, I.C.W., Hulscher, B. and Razakamanana, T. 2003. Structure of the eastern margin of the East African Orogen in central Madagascar. *Precambrian Research*. 123, 111-133. Impact Factor = 3.843, Journal Rank 21/190 (Geosciences, Multidisciplinary). ***62 cites***
232. **COLLINS, A.S**. and Robertson, A.H.F. 2003. Kinematic evidence for the late Mesozoic to Miocene emplacement of the continental margin/oceanic Lycian Allochthon over the western Anatolide belt in southwestern Turkey. *Geological Journal*, 38, 295-310. Impact Factor = 2.978, Journal Rank 40/190 (Geosciences, Multidisciplinary). ***68 cites***

2002

233. **COLLINS, A.S**. and Windley B.F. 2002. The Tectonic Evolution of Central and Northern Madagascar and its place in the Final Assembly of Gondwana. *The Journal of Geology,* 110, 325-340. Impact Factor = 1.952, Journal Rank 14/47 (Geology). ***167 cites***
234. Robertson, A.H.F. and **COLLINS, A.S**. 2002. Shyok Suture Zone, N Pakistan: late Mesozoic-Tertiary evolution of a critical suture separating the oceanic Kohistan Arc from the Asian continental margin. *Journal of Asian Earth Sciences,* 20, 309-351. Impact Factor = 2.335, Journal Rank 68/190 (Geosciences, Multidisciplinary). ***41 cites***

2001

235. **COLLINS, A.S**., 2001. The East African Orogen: New Zircon and Nd Ages and Implications for Rodinia and Gondwana Supercontinent Formation and Dispersal. *Gondwana Research*, 4, 179-181. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***7 cites***
236. **COLLINS, A.S**., 2001. Has the East African Orogen Played Any Role in the Formation and Breakup of the Supercontinent Rodinia and the Amalgamation of Gondwana? New Evidence from Field Relationship and Isotopic Data. *Gondwana Research*, 4, 669-671. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***1 cite***

2000

237. **COLLINS, A.S**., Zalasiewicz J.A. & Kryza, R., 2000. Macrofabric fingerprints of Late Devonian-Early Carboniferous subduction in the Polish Variscides, the Kaczawa complex, Sudetes. *Journal of the Geological Society, London*, 157, 283-288. Impact Factor = 3.037, Journal Rank 39/190 (Geosciences, Multidisciplinary). ***38 cites***
238. Kröner, A., Hegner, E., **COLLINS, A.S**., Windley, B.F., Brewer, T., Razakamanana, T. and Pidgeon, R. 2000. Age and magmatic history of the Antananarivo Block, central Madagascar, as derived from zircon geochronology and Nd isotopic systematics. *American Journal of Science*, 300, 251-288. Impact Factor = 4.099, Journal Rank 18/190 (Geosciences, Multidisciplinary). ***181 cites***
239. **COLLINS, A.S**., Razakamanana T. & Windley B.F., 2000. Neoproterozoic extensional detachment in central Madagascar: implications for extensional collapse of the East African Orogen. *Geological Magazine,* 137, 39-51. Impact Factor = 1.965, Journal Rank 84/190 (Geosciences, Multidisciplinary). ***79 cites***

1999

240. **COLLINS, A.S**. & Robertson A.H.F, 1999. Evolution of the Lycian Allochthon, western Turkey, as a north-facing Late Palaeozoic-Mesozoic rift and passive continental margin. *Geological Journal*, 34, 107-138. Impact Factor = 2.978, Journal Rank 40/190 (Geosciences, Multidisciplinary). ***87 cites***
241. Kröner, A., Windley, B.F., Jaeckel, P., **COLLINS, A.S**., Brewer, T.S., Nemchin, A., Razakamanana, T. 1999. New Zircon Ages for Precambrian Granites, Gneisses and Granulites from Central and Southern Madagascar: Significance for Correlations in East Gondwana. *Gondwana Research*, 2, 351-352. Impact Factor = 6.959, Journal Rank 4/190 (Geosciences, Multidisciplinary). ***7 cites***

1998

242. **COLLINS, A.S**. & Robertson A.H.F, 1998. Processes of Late Cretaceous to Late Miocene episodic thrust sheet translation in the Lycian Taurides. *Journal of the Geological Society of London*, 155, 759-772. Impact Factor = 3.037, Journal Rank 39/190 (Geosciences, Multidisciplinary). ***177 cites***
243. **COLLINS, A.S**., 1998. Discussion on "Polarity, magma sources and palaeogeography of the Kohistan Arc, northern Pakistan". *Journal of the Geological Society of London*, 155, 893. Impact Factor = 3.037, Journal Rank 39/190 (Geosciences, Multidisciplinary). ***3 cites***

1997

244. **COLLINS, A.S**. & Robertson A., 1997. The Lycian Melange, southwest Turkey; an emplaced accretionary complex. *Geology*, 25, 255-258. Impact Factor = 4.635, Journal Rank 1/47 (Geology). ***126 cites***

1996

245. Robertson A., Dixon J.E., Brown S., **COLLINS, A.**, Morris, A., Pickett, E., Sharp I., Ustaömer T., 1996. Alternative tectonic models for the Late Palaeozoic-Early Tertiary development of Tethys in the Eastern Mediterranean region. *Geological Society, London, Special Publication*, 105, 239-263. ***42 cites***

Reports, Field Guides and Conference Proceedings

Schmitt, R.S., Trouw, R., Carvalho, I.S. and **COLLINS, A.** 2011. Gondwana 14, Abstracts, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil, p. 300.

Smithies, R.H., Howard, H.M., Evins, P.M., Kirkland, C.L., Kelsey, D.E., Hand, M., Wingate, M.T.D., **COLLINS, A.S.,** Belousova, E., Allchurch, S. 2010. Geochemistry, geochronology, and petrogenesis of Mesoproterozoic felsic rocks in the west Musgrave Province, central Australia, and implications for the Mesoproterozoic tectonic evolution of the region. Geological Survey of Western Australia Report 106, pp. 73.

COLLINS, A.S. 2007, SGTSG Field Conference "Deformation in the Desert" Alice Springs, 9-13th July 2007. 100pp.

COLLINS, A.S. 2004, A report on the International Field Workshop to the Southern Granulite Terrane of India (February 18-25, 2004) organized by the National Geophysical Research Institute, Hyderabad. Gondwana Research, 7, 1248-1249.

Reddy, S.M., Fitzsimons, I.C.W. and **COLLINS, A.S.** 2003. SGTSG Field Conference, Kalbarri 22-26th September 2003, Program and Abstracts, *Geological Society of Australia, Abstracts Volume,* No. 72. 173p.

Janssen, D.P., **COLLINS, A.S.** and Fitzsimons, I.C.W. 2003. Structure and Tectonics of the Leeuwin Complex and Darling Fault Zone, Southern Pinjarra Orogen, Western Australia – A Field Guide. Geological Society of Australia Specialist Group in Tectonics and Structural Geology Field Guide No. 12. Western Australia Geological Survey, Record 2003/15

COLLINS, A., Flecker R., Glover C, Poisson A & Robertson A., 1995. Neogene-Quaternary sedimentary basins of SW Turkey in their regional tectonic framework. *Excursion Guide for the International Earth Sciences Colloquium on the Aegean Region, Izmir*.

Abstracts

(STUDENTS IN ITALICS)

Subarkah, D., **COLLINS, A.S**., Löhr, S.C., Nixon, A.L., ***Blades, M.L.,*** Farkaš, J., Lloyd, J.C., Klaebe, R., Gilbert, S.E., ***Virgo, G.M.*** 2024. Direct dating of global Cryogenian sections by in situ U–Pb mapping of carbonates. EGU 2024, Vienna.

Subarkah, D., Blades, M.L., **COLLINS, A.S**., Farkas, J., Gilbert, S***., Lloyd, J.C.*** 2021 In-situ Rb–Sr dating of Precambrian sediments. AESC 2021, Hobart.

Subarkah, D., Blades, M.L., Cassidy, E., Gilbert, S., **COLLINS, A.S**., Farkas, J., ***Cox, G., Redaa, A.,*** Loehr, S., Zack, T. 2020 In-Situ Rb–Sr dating and elemental fingerprinting of shales and dolerite by LA-ICP-MS/MS. GSAmerica, Montreal.

Subarkah, D., Blades, M.L., **COLLINS, A.S**., Farkas, J., ***Yang, B., Cox, G.,*** Jarrett, A., ***Cassidy, E., Shannon, A., Liebelt, S., McFazdean, G.***, Munson, T. 2020. Shale and carbonate geochemistry of the Proterozoic greater McArthur Basin, Australia. EGU, Vienna

Subarkah, D., Blades, M.L., **COLLINS, A.S**., Farkas, J., Gilbert, S., ***Lloyd, J.*** 2020 *In-situ Rb–Sr and elemental fingerprinting of sedimentary and igneous rocks. SA Mining and Exploration Convention 2020.*

Johnson, T., Clark, C., Taylor, T., Santosh, M., **COLLINS, A.S.** 2016. Prograde and retrograde growth of monazite in migmatites: a Gondwanan example from the Nagercoil Block, southern India. IAGR Gondwana to Asia, Trivandrum. 18-2 Nov 2016.

COLLINS, A.S., Merdith, A. S., Foden J., ***Archibald, D., Blades, M.L., Alessio, B.L.***, Williams, S., Müller, R.D. 2016. Subduction Record of the East African Orogen in a Whole Plate Topological Framework. IAGR Gondwana to Asia, Trivandrum. 18-2 Nov 2016. INVITED.

COLLINS, A.S., Merdith, A. S., ***Archibald, D., Blades, M.L., Alessio, B.L., Armistead, S., Robinson, F., Plavsa, D.,*** Foden J., Payne, J.L., Williams, S., Müller, R.D. 2016. Full Plate Topological Reconstruction of Gondwana Amalgamation. 35th International Geological Congress, Cape Town. 27th Aug – 4th Sept. 2016. KEYNOTE

COLLINS, A.S., ***Rees, A.,*** Hussain, M.F., ***Blades, M.L.,*** Foden J., Payne, J.L., Glorie, S. 2016. The 'East' Margin of Neoproterozoic India: New Provenance, Geochemical and Age Constraints from Meghalaya, NE India. 35th International Geological Congress, Cape Town. 27th Aug – 4th Sept. 2016.

COLLINS, A.S., ***Archibald, D.B., Brick, R.,*** De Waele, B., ***Plavsa, D.,*** Patranabis-Deb, S., Foden J., Payne, J.L., Clark, C., Glorie, S., ***Blades, M.L.*** 2016. Testing Azania: Using Detrital Zircon U-Pb Ages and Hf Isotopic Record to Constrain Tectonic Affinities Within the East African Orogen. 35th International Geological Congress, Cape Town. 27th Aug – 4th Sept. 2016.

Blades, M.L., **COLLINS, A.S.**, Foden, J., Payne, J.L., Thorpe, B., Al-Khirbash, S. 2016. Windows into Omani Arabia Suggest Accretion onto Neoproterozoic India: Results from Multiproxy Detrital Zircon Isotopic Analysis. 35th International Geological Congress, Cape Town. 27th Aug – 4th Sept. 2016.

Blades, M.L., **COLLINS, A.S.**, Foden, J., Payne, J.L., Alemu, T., Woldetinsae G., Clark, C., Taylor, R.J.M. 2016. The Age and Geochemical Evolution of the Western Ethiopian Shield; Its Role in Gondwana Formation***.*** 35th International Geological Congress, Cape Town. 27th Aug – 4th Sept. 2016.

***Alessio, B.L., Blades, M.L., Murray, G., Thorpe, B.,* COLLINS, A.S.**, Kelsey, D.E., Foden J., Payne, J.L., Al-Khirbash, S. 2016. Origin and Tectonic Evolution of the NE basement of Oman – a window into the Neoproterozoic accretionary growth of India? 35th International Geological Congress, Cape Town. 27th Aug – 4th Sept. 2016.

Armistead, S.E.,* COLLINS, A.S. *Mansfield, W.H., Santosh, M. and Shaji, E. 2016. A re-evaluation of the Kumta Suture in southwest India and its extension into Madagascar. 35th International Geological Congress, Cape Town. 27th Aug – 4th Sept. 2016.

***Archibald, D.B.,* COLLINS, A.S.**, Foden, J.D. and Razakamanana, T. 2016. Petrogenesis of the Tonian Imorona-Itsindro Suite, Madagascar. GAC-MAC conference, Whitehorse. 1st-3rd June 2016.

***Archibald, D.B.,* COLLINS, A.S.**, Foden, J.D Payne, J.L., Holden, P. and Razakamanana, T. 2016. Stenian-Cambrian tectonic evolution of central Madagascar: Insights from geochemical and isotopic data from magmatic rocks. GAC-MAC conference, Whitehorse. 1st-3rd June 2016.

***Archibald, D.,* COLLINS, A.S.**, Foden, J.D., Payne, J.L., Taylor, R., Holden, P., Razakamanana, T. and Clark, C. 2015. Towards Unravelling the Mozambique Ocean Conundrum using a Triumvirate of Zircon Isotopic Proxies on the Ambatolampy Group, Central Madagascar. Joint Assembly, Montreal 3-7 May 2015.

***Archibald, D.,* COLLINS, A.S.**, Foden, J.D., Payne, J.L., Holden, P., De Waele B. and Razakamanana, T. 2015. Petrogenesis of the Cryogenian (850-750 Ma) Imorona-Itsindro Suite, Central Madagascar: Insights into pre-Gondwana Arc Formation Using Zircon Isotopic Proxies. Joint Assembly, Montreal 3-7 May 2015.

COLLINS, A.S., ***Archibald, D., Blades, M.L.,*** Clark, C., Plavsa, D., Foden, J., Glorie, S., Razakamanana, T., Alemu, T., Woldetinsae, G., Al-Khirbash, S., Siegfried, P., Pisarevsky, S. and Payne J.L. 2015. Towards a Tectonic Geography of Neoproterozoic Australian Gondwana. AAPG International Conference and Exhibition, Melbourne, 13-16th Sept 2015.

Hall, J., Reddy, M., Lloyd, J., Glorie, S., Evans, N., Payne, J.L., **COLLINS, A.S.**, Reid, A. and Holford, S. 2015. Tracing the Exhumation of Central Southern Australia and Fingerprinting Detrital Pathways and Sediment Sinks in the Ceduna Basin. AAPG International Conference and Exhibition, Melbourne, 13-16th Sept 2015.

Richards, L., King, R. and **COLLINS, A.S.**, 2015. Halite Microstructures Reveal Deformation Mechanisms occurring in Salt Detachments Underlying resource-rich Fold-Thrust Belts. AAPG International Conference and Exhibition, Melbourne, 13-16th Sept 2015.

Halverson, G.P., Schmitz, M., Cox, G.M., Johnson, P.R., Kunzmann, M., Maguire, T. and **COLLINS, A.S.**, 2015. New Age Constraints on Middle Ediacaran Chemostratigraphy, Biostratigraphy, and the East African Orogeny from the Eastern Arabian Shield. Joint Assembly, Montreal 3-7 May 2015.

***Archibald, D.,* COLLINS, A.S.**, Foden, J., Payne, J., Razakamanana T. 2014 Unravelling the Mozambique Ocean conundrum using a triumvirate of zircon isotopic proxies on the Ambatolampy Group, Central Madagascar. . IAGR, Gondwana to Asia meeting, Beijing, China, 19-22nd Sept 2014

Wang, C., Liu, L., Wang, Y.-H., He,S.-P., Li, R.-S., **COLLINS, A.S.**, Li, M., Yang, W.-Q., Cao, Y.-T., Shi, C., Yu, H.-Y. 2014. Recognition and tectonic implications of an extensive Neoproterozoic volcano-sedimentary rift basin along the southwestern margin of the Tarim Craton, northwestern China. IAGR, Gondwana to Asia meeting, Beijing, China, 19-22nd Sept 2014

Gillespie, J., Glorie, S. Zhang, Z., Xiao, W., **COLLINS, A.S.** 2014. Late Mesozoic to early Paleogene uplift and exhumation processes of the Beishan, southern CAOB: preliminary apatite fission track results. IAGR, Gondwana to Asia meeting, Beijing, China, 19-22nd Sept 2014. **[runner-up in best student poster]**

***Blades, M.L.,* COLLINS, A.S.**, Foden, J., Payne, J., Xu, X., Alemu, T., 2014. The age and origin of the Western Ethiopian Shield. IAGR, Gondwana to Asia meeting, Beijing, China, 19-22nd Sept 2014.

Arboit, F., Amrouch, K., **COLLINS, A.S.** King, R., Morley, C.K. 2014. Paleostress reconstruction from calcite twin and thrust data in the Khao Khwang Fold-Thrust Belt: implications for the Triassic evolution of the Indosinian Orogeny in Central Thailand IAGR, Gondwana to Asia meeting, Beijing, China, 19-22nd Sept 2014.

Clark, C., Brown, M., Taylor, R., **COLLINS, A.S.** 2014 Protoliths of the Trivandrum Block, southern India: field observations and ion probe data. IAGR, Gondwana to Asia meeting, Beijing, China, 19-22nd Sept 2014.

COLLINS, A.S., Patrananbis-Deb, S., ***Alexander, E., Falster, G., Bertram, C., Macintosh, J., Gore, R.,*** Backe, G., Halverson, G. 2014 Detrital zircon and muscovite provenance Constraints on the Evolution of the Cuddapah Basin, India. . IAGR, Gondwana to Asia meeting, Beijing, China, 19-22nd Sept 2014. **KEYNOTE**

Arboit, F.,* COLLINS, A.S.**, King, R., Morley, C.K., ***Hansberry, R. 2014 Structural of the Sibumasu-Indochina collision, central Thailand: a section through the Khao Khwang fold-and-thrust belt. Gondwana 15, Madrid, 14-18th July 2014.

***Archibald, D.,* COLLINS, A.S.**, Foden, J., Payne, J., Taylor, R., Holden, P., Razakamanana, T. 2014. Unravelling the Mozambique Ocean conundrum using a triumvirate of zircon isotopic proxies on the Ambatolampy Group, Central Madagascar. Gondwana 15, Madrid, 14-18th July 2014.

Blades, M.L.,* COLLINS, A.S.**, Foden, J., Payne, J., ***Xu, X., Alemu, T., Woldetinsae, G. 2014. Age, geochemistry and tectonic significance of the Western Ethiopian Shield. Gondwana 15, Madrid, 14-18th July 2014.

Clark, C., Brown, M., Taylor, R., **COLLINS, A.S.** 2014 Protoliths of the Trivandrum Block, southern India: field observations and ion probe data. Gondwana 15, Madrid, 14-18th July 2014.

COLLINS, A.S., Patranabis-Deb, S., ***Alexander, E., Bertram, C., Falster, G., Gore, R., Mackintosh, J.,*** Dhang, P.C., Jourdan, F., Payne, J., Backé, G., Halverson, G.P., Saha, D. 2014 Detrital zircon and muscovite provenance constraints on the evolution of the Cuddapah Basin, India. Gondwana 15, Madrid, 14-18th July 2014.

COLLINS, A.S., ***Plavsa, D.,*** Razakamanana, T., Clark, C., ***Archibald, D.B., Cox, G.,*** Foden, J., ***Blades, M.L***. 2014 Bringing Asia into Gondwana - the Betsimisaraka suture of Madagascar: the site of final closure of the Mozambique Ocean or the figment of an overactive imagination? Gondwana 15, Madrid, 14-18th July 2014.

Lloyd, J., **COLLINS, A.S.,** Holford, S., Glorie, S., Payne, J. and Reid, A., Testing the existence and evolution of the Ceduna River using zircon U/Pb and Lu/Hf isotope data. Australian Earth Science Convention, Newcastle, 7-10 July 2014. pp. 279.

Dew, R., King, R., **COLLINS, A.S.,** ***Arboit, F.,*** and Morley, C. 2014. Stratigraphy of deformed Permian Carbonate Reefs, Thailand. Australian Earth Science Convention, Newcastle, 7-10 July 2014. pp. 287-288.

Hansberry, R., King, R., **COLLINS, A.S.** and Morley, C. 2014 A shale detachment in Thailand: evidence of brittle deformation from structural observations and laboratory analysis. Australian Earth Science Convention, Newcastle, 7-10 July 2014. pp. 324.

Richards, L., King, R., **COLLINS, A.S.**, Sayab, M. and Morley, C. 2014 Brittle vs ductile deformation in salt detachments: a study from the Salt Range, Pakistan. . Australian Earth Science Convention, Newcastle, 7-10 July 2014. pp. 325-326.

COLLINS, A.S., ***Plavsa, D.,*** Foden, J., Clark, C. and Santosh M. 2013. The Southern Granulite Terrane of India as a Gondwanan Keystone. IAGR, Gondwana to Asia meeting, Daechon, South Korea, 1-4th Oct 2013. **KEYNOTE**

Arboit, F., Hansberry, R., Fisher, R., **COLLINS, A.S.,** King, R., Morley, C. 2013 The Structural Setting of the Khao Khwang Fold and Thrust Belt, Central Thailand. IAGR, Gondwana to Asia meeting, Daechon, South Korea, 1-4th Oct 2013.

Archibald, D., **COLLINS, A.S.,** Foden, J., Razakamanana, T., 2013. The nature and timing of consumption of the Mozambique Ocean as recorded by Cryogenian arcs in Madagascar IAGR, Gondwana to Asia meeting, Daechon, South Korea, 1-4th Oct 2013.

Plavsa, D., **COLLINS, A.S.,** Foden, J.F., Clark, C., Santosh, M. 2013. On the hunt for a Gondwanan suture zone in South India. Goldschmidt 2013, Florence.

Fitzsimons, I.C.W., Clark, C., **COLLINS, A.S.,** Taylor, R. 2013. The Pan-African granulites of Madagascar and southern India. Granulites and Granulites, Hyderabad, India. 16-20 Jan 2013.

Henderson, B., **COLLINS, A.S.,** Forbes, C., Payne, J., Saha, D. 2013. Geologically Constraining India in Nuna/Columbia: The Age, Isotopic Provenance and Geochemistry of the Protoliths of the Ongole Domain, Southern Eastern Ghats, India. Rodinia 2013: Supercontinental Cycles and Geodynamics, Moscow, 20-24th May 2013.

Richards, L., King, R., **COLLINS, A.S.** G. Backé, C.K. Morley 2013. Evaporite Detachment Characteristics and their controls on Fold-Thrust Belt Style: an Example from the Amadeus Basin, Central Australia. 7-12 April 2013.

Hansberry, R., King, R., **COLLINS, A.S., Morley, C.**, 2013. Detachments in Shale: Controlling Characteristics on Fold-Thrust Belt Style. EGU Vienna. 7-12 April 2013.

Gutierrez-Alonso G., **COLLINS, A.S.**, 2013. Strike-slip accomodation during the development of the Cantabrian and Central-Iberian oroclines: $^{40}Ar^*/^{39}Ar$ geochronological ages of major shear zones. EGU Vienna. 7-12 April 2013.

COLLINS, A.S., ***Plavsa, D.,*** Clark, C., Foden, J., ***Cox, G., Lewis, C.,*** Halverson, G., Santosh, M., Bhaskar Rao, Y., Kadi, K. 2013. East of the East African Orogen: The Final Suture of the Mozambique Ocean from Saudi Arabia to Southern India. 24th Colloquium of African Geology, Addis Ababa, 8-14th Jan 2013. **KEYNOTE TALK**

COLLINS, A.S., Gupta, S., Backé, G., Nanda, J., Mamtani, M., Bhattarcharya, S., ***Palmer, J., Schneider, A., Reid, B., Harvey, C.,*** Payne, J., Modak, A., Hand, M., Foden, J., 2012. U-Pb and Hf zircon isotopic systematics of the protoliths of the Eastern Ghats Province—a corollary with the Rayner Province? 34th International Geological Congress, Brisbane, 5-10 Aug 2012.

Hall, P.A., McKirdy, D.M., Halverson, G.P., Turner, B.L., Carson, M.W., Jago, J.B., **COLLINS, A.S.** 2012 . The biogeochemical status of the Palaeo-Pacific Ocean: clues from the early Cambrian of South Australia. 34th International Geological Congress, Brisbane, 5-10 Aug 2012.

Plavsa, D., **COLLINS, A.S.**, Payne, J., Foden, J., Santosh M. 2012. Putting together pieces of a jigsaw puzzle: the nature and fit of the main tectonic domains using age and provenance studies of charnockites and metasediments from across the Southern Granulite Terrane (South India). 34th International Geological Congress, Brisbane, 5-10 Aug 2012.

Meaney, K., **COLLINS, A.S.**, Hand, M. 2012. Proterozoic structure, geochronology and metamorphic history of the Warren Inlier, Mount Lofty Ranges, South Australia. 34th International Geological Congress, Brisbane, 5-10 Aug 2012.

Hansberry, R., Giles, D., **COLLINS, A.S.**, 2012. The Basin Architecture of the Lowermost Adelaidean at Arkaroola, SA: The Rifting of Rodinia. 34th International Geological Congress, Brisbane, 5-10 Aug 2012.

Thomas, M., Cook, N., **COLLINS, A.S.**, Bierlein, F., Freeman, D. 2012. Sequence Stratigraphy, Provenance and Uranium Prospectivity of the North Canning Basin, W.A. 34th International Geological Congress, Brisbane, 5-10 Aug 2012.

Lyons, N., Giles, **COLLINS, A.S.** 2012. Structural control of the Kanmantoo copper deposit. 34th International Geological Congress, Brisbane, 5-10 Aug 2012.

Henderson, B., **COLLINS, A.S.,** Forbes, C. 2012. The tectonic evolution of the Ongole Domain, India: a geochronological and geochemical approach. International Geological Congress, Brisbane, 5-10 Aug 2012.

Barker, A., Baines, G., **COLLINS, A.S.**, Roy, S., ***Palmer, J.,*** Gupta, S., Backé, G. 2012. Geothermal constraints on an ultra-high temperature orogen, Eastern Ghats Belt, India. SGTSG biennial meeting, Waratah Bay, 29 Jan-3 Feb 2012.

COLLINS, A.S., 2012. Three busted myths: 1) Pannotia existed; 2) Gondwana formed by the collision of two Neoproterozoic continents—East and West Gondwana; 3) There is a 'North Gondwana' Ediacaran petroleum superprovince. SGTSG biennial meeting, Waratah Bay, 29 Jan-3 Feb 2012.

Hansberry, R., Job, A., Giles, D., **COLLINS, A.S.**, Tectonic Evolution of the Arkaroola Basin: Implications for the development of the Adelaide Rift Complex. SGTSG biennial meeting, Waratah Bay, 29 Jan-3 Feb 2012.

Henderson, B., **COLLINS, A.S.,** Forbes, C., Payne, J., Saha, D. 2012. The tectonic evolution of the Ongole Domain, India: A metamorphic and geochronological approach. SGTSG biennial meeting, Waratah Bay, 29 Jan-3 Feb 2012.

Plavsa, D., **COLLINS, A.S.,** Payne, J., Foden, J., Santosh, M. 2012. Putting together pieces of a jigsaw puzzle: the nature and fit of the main tectonic domains using age and provenance studies of charnockites and metasediments from across the Southern Granulite Terrane (South India). SGTSG biennial meeting, Waratah Bay, 29 Jan-3 Feb 2012.

COLLINS, A.S., Foden, J., Halverson, G., Santosh, M., ***Cox, G., Plavsa, D.*** 2011. Where and When did Gondwana Finally Amalgamate? In: Schmitt, R.S., Trouw, R., Carvalho, I.S., Collins, A. (eds.). Gondwana 14, Abstracts, Universidade Federal do Rio de Janeiro, Brazil, 03. **INVITED 'CONFERENCE' PRESENTATION**

Henderson, B., **COLLINS, A.S.**, Forbes, C., Saha, D., 2011. An integrated metamorphic, geochronological and geochemical approach to the Ongole Domain, India. In: Schmitt, R.S., Trouw, R., Carvalho, I.S., Collins, A. (eds.). Gondwana 14, Abstracts, Universidade Federal do Rio de Janeiro, Brazil, 38.

McGee, B., **COLLINS, A.S.**, Trindade, R.I.F. 2011. Stratigraphy of the Serra Azul Range, Northern Paraguay Belt, Brazil: Ediacaran Glacial Incision Surface and Passive Margin to Foreland Basin Transition. In: Schmitt, R.S., Trouw, R., Carvalho, I.S., Collins, A. (eds.). Gondwana 14, Abstracts, Universidade Federal do Rio de Janeiro, Brazil, 96.

COLLINS, A.S., Gupta, S., Backé, G., Mamtani, M., Nanda, J., Bhattarcharya, S., ***Palmer, J., Schneider, A., Reid, B., Harvey, C.***, Payne, J., Modak, A., Hand, M., Foden, J. 2011, U-Pb and Hf zircon isotopic systematics of the protoliths of the Eastern Ghats Province. IAGR, Gondwana to Asia meeting, Hyderabad, India. **INVITED TALK**

Henderson, B., **COLLINS, A.S.**, Forbes, C., Saha, D. 2011. An integrated metamorphic, geochronological and geochemical approach to the Ongole Domain, India. IAGR, Gondwana to Asia meeting, Hyderabad, India.

Alexander, E., Mackintosh, J., **COLLINS, A.S.**, Backé, G., Saha, D. The structural evolution and geochronology of the Nallamalai fold and thrust belt, South East India. IAGR, Gondwana to Asia meeting, Hyderabad, India.

Amarasinghe, U.B., **COLLINS, A.S.** 2011. Highland Complex and Wanni Complex of Sri Lanka formed in one Neoproterozoic orogenic mobile belt during assembly of Gondwana: LA-ICPMS U-Pb zircon geochronology. IAGR, Gondwana to Asia meeting, Hyderabad, India.

COLLINS, A.S., Selway, K., Clark, C., Kinny, P.D., ***Plavsa, D.*** & ***Amarasinghe, U.***, 2010. The Rodinian Relics of Australia-Mawson, Azania, Neoproterozoic India and a greater Kalahari – divining their extent and interpreting their evolution. GEOSUR 2010, Mar del Plata, Argentina, 22-23 Nov 2010.

Le Heron, D.P., Cox, G., Trundley, A. & **COLLINS, A.S.**, 2010. Cryogenian (Sturt and Elatina) glacial sediment records of South Australia. International Sedimentological Congress, Mendoza, Argentina, 26 Sept-1 Oct 2010.

Le Heron, D.P., Cox, G., Trundley, A. & **COLLINS, A.S.**, 2010. Storm beds within the Sturt glacial succession of South Australia: sea-ice free conditions during an early Cryogenian Snowball Earth? International Sedimentological Congress, Mendoza, Argentina, 26 Sept-1 Oct 2010.

Gutiérrez-Alonso, G., Fernández-Suárez, J., Jeffries, T., **COLLINS, A.S.**, Johnston, S.T., González-Clavijo, E., Pastor-Galán, D. & Weil, A.B., 2010. Absolute age ($^{40}Ar^{*}$-^{39}Ar and U-Pb) constrains on orocline development and related lithospheric delamination in the Iberian Armorican Arc. GEOTIC – Sociedade Geológica de Portugal; VIII Congresso Nacional de Geologia; Simpósio do Grupo de Geologia Estrutural e Tectónica", Braga, Portugal. July 2010,

Selway, K., Peacock, J., **COLLINS, A.S.**, Heinson, G. 2010. Architecture of the Prydz Bay region, Antarctica, from magnetotellurics. Australian Earth Science Convention 2010, Canberra, July.

Cox, G.M., Lewis, C.J., **COLLINS, A.S.**, Foden, J.F, Halverson, G.P., ***Nettle, D.*** 2010. Geochronology of the Ad Dawadimi Terrane, Saudi Arabia: Implications for the timing of closure of the Mozambique Ocean. AGU Meeting of the Americas, Foz do Iguassu, Aug 2010. Eos Trans. AGU, 91(26), Meet. Am. Suppl., Abstract T14A-03.

McGee, B., Halverson, G.P., **COLLINS, A.S.** 2010. New U-Pb ages and field constraints on Neoproterozoic rifting and magmatism on the southern margin of the Congo craton. AGU Meeting of the Americas, Foz do Iguassu, Aug 2010. Eos Trans. AGU, 91(26), Meet. Am. Suppl., Abstract T14A-04.

COLLINS, A.S., 2010. The Malagasy Orogeny - the Ediacaran-Cambrian Collision between India and Congo-Sao Francisco. AGU Meeting of the Americas, Foz do Iguassu, Aug 2010. Eos Trans. AGU, 91(26), Meet. Am. Suppl., Abstract T14A-02. **KEYNOTE**

Plavsa, D., **COLLINS, A.S.,** Foden, J.F., Clark, C., Santosh, M. 2010. Geochemical and geochronological perspective on the formation of OPX-bearing felsic gneisses ("charnockites") in the Southern Granulite Terrane, India. Australian Earth Science Convention 2010, Canberra, July.

McGee, B., Halverson, G.P., **COLLINS, A.S.** 2010. New U-Pb ages and field constraints on Neoproterozoic rifting and magmatism on the southern margin of the Congo craton. Australian Earth Science Convention 2010, Canberra, July.

Gutiérrez-Alonso, G.; Fernández-Suárez, J.; Jeffries, T.; **COLLINS, A.S.**; Johnston, S.T.; González Clavijo, E., Pastor-Galán, D. and Weil, A.B. 2010. Absolute age (Ar-Ar and U-Pb) constrains on orocline development and related lithospheric delamination in the Iberian Armorican Arc. IGCP 574 Bending and bent orogens workshop, Panama, Feb 8 2010.

Raimondo, T., **COLLINS, A.S.** and Hand, M. 2010. Deep Intracontinental Channel Flow: The Anatomy of the Petermann Orogen, Central Australia. SGTSG biennial conference, Port Macquarie

Plavsa, D., **COLLINS, A.S.,** Foden, J.F., Clark, C., Santosh, M. 2009. Geochemical and geochronological perspective on the formation of OPX-bearing felsic gneisses ("charnockites") in the Southern Granulite Terrane, India. IAGR Annual Convention & 6th International Symposium on Gondwana to Asia, Hanoi, Oct 2-6, 2009.

McGee, B., Halverson, G.P., **COLLINS, A.S.** 2009. New U-Pb ages and field constraints on Neoproterozoic rifting and magmatism on the southern margin of the Congo craton. IAGR Annual Convention & 6th International Symposium on Gondwana to Asia, Hanoi, Oct 2-6, 2009.

Hand, M., ***Raimondo, T.,*** **COLLINS, A.S.** & Kelsey, D. 2009. Intracratonic orogeny in central Australia. SGGMP biennial conference, Kangaroo Island.

Cox, G., **COLLINS, A.S.,** Foden, J.F., Halverson, G.P. & Kattan, F. 2009. Structure, geochemical and geochronological framework for the Neoproterozoic Jebel Tays Ophiolite, Saudi Arabia. IAGR Annual Convention & 6th International Symposium on Gondwana to Asia, Hanoi, Oct 2-6, 2009, pp. 58.

Lewis, C.J., **COLLINS, A.S.,** Halverson, G.P., Kattan, F., Jourdan, F., Wade, B. & Nahdi, M. 2009. A Structural and Geochronological Investigation of the Abt Schist of the Ad Dawadimi Terrane; Central Saudi Arabia. IAGR Annual Convention & 6th International Symposium on Gondwana to Asia, Hanoi, Oct 2-6, 2009, pp. 68.

COLLINS, A.S., Halverson, G.P., Foden, J. ***Cox, G., Lewis, C., Nettle, D.*** and Kattan, F., 2009. The Tectonic and Palaeogeographic Setting of the Neoproterozoic Petroleum-Bearing Basins in Arabia and North Africa. 2009. IAGR Annual Convention & 6th International Symposium on Gondwana to Asia, Hanoi, Oct 2-6, 2009, pp. 1. **KEYNOTE**

Nettle, D., Halverson, G.P., **COLLINS, A.S.,** Gehling, J., Kattan, F., & ***Cox, G.*** 2009. A Sequence Stratigraphic, Geochronological and Chemostratigraphic investigation of the Ediacaran Antaq Basin, Western Arabian Shield, Saudi Arabia. IAGR Annual Convention & 6th International Symposium on Gondwana to Asia, Hanoi, Oct 2-6, 2009, pp. 69.

COLLINS, A.S., Chetty, T.R.K., Bhattacharya, S., Clark, C., Gupta, S., Babu, E.V.S.S.K., Backé, G., Baines, A.G., Halverson, G.P., Hand, M.P., Harinarayana, T., Kelsey, D., Kinny, P.D., Korhonen, F., Mamtani, M., Panigrahi, M.K., Patranabis-Deb, S., ***Plavsa, D.,*** Rajendra Prasad, P., Bhaskar Rao, Y.J., Reddy, S.M., Roy, S., Saha, D., Singh, B., Timms, N., 2009. The Thermal Evolution of Cratonic India: Past Behaviours and Future Potential. 2009 IAGR Annual Convention & 6th International Symposium on Gondwana to Asia, Hanoi, Oct 2-6, 2009, pp. 54.

Jamshidi-Badr, M., **COLLINS, A.S.** and Masoudi, F., 2009, The age of metasedimentary rocks and their regional metamorphism in the Soursat Complex, NW IRAN: U–Pb dating of zircon and monazite, using LA–ICP-MS. First International Applied Geological Congress (LAGC), Mashhad, Iran.

Jamshidi-Badr, M., **COLLINS, A.S.,** Masoudi, F. and Mahrabi, B., 2009, Detrital U – Pb zircon dating of Granitoids in the Soursat complex (NW IRAN), Geological Society of America Annual Meeting, Portland, GSA Abstracts with Programs Vol. 41

COLLINS, A.S., Halverson, G.P., Foden, J. ***Cox, G., Lewis, C., Nettle, D.*** and Kattan, F. 2009, The Palaeogeography of the North Gondwanan Ediacaran-Cambrian Petroleum Province. Rodinia: Supercontinents, Superplumes and Scotland, Edinburgh, Sept 2009. Geological Society of London Fermor Meeting, pp. 11. **KEYNOTE TALK**

Wade, B.P., **COLLINS, A.S**., Halverson, G.P. and ***Cox, G.*** 2008. Provenance of late Neoproterozoic sequences of the Flinders Ranges, South Australia; preliminary detrital zircon data from Pichi Richi pass. Gondwana 13, Dali, China, Sept 2008.

Wade, B.P., Hand, M., Barovich, K.M. and **COLLINS, A.S.** 2008, Assembling Australia: is the answer in the Mesoproterozoic Musgrave Province? Gondwana 13, Dali, China, Sept 2008.

COLLINS, A.S, Formation of a Supercontinent: Framework of a Super-Resource. International Geological Congress, Oslo, August 2008.

Brick, R.A., **COLLINS, A.S**, Momburi, P., Hand, M. Tectonic setting of the 2.0 Ga Usagaran eclogites, Tanzania. International Geological Congress, Oslo, August 2008.

Z.X. Li, S.V. Bogdanova, A.S. **COLLINS, A.S**. Davidson, B. De Waele, R.E. Ernst, I.C.W. Fitzsimons, R.A. Fuck, D.P. Gladkochub, J. Jacobs, K.E. Karlstrom, S. Lu, L.M. Natapov, V. Pease, S.A. Pisarevsky, K. Thrane, V. Vernikovsky. The geodynamic map and evolution history of the supercontinent Rodinia. International Geological Congress, Oslo, August 2008.

COLLINS, A.S., Kinny, P.D., Santosh, M., Razakamanana, T. and Clark, C. Proterozoic Sedimentary Basins within the Southern East African Orogen: A Gondwana Link. International Geological Congress, Oslo, August 2008

Raimondo, T., **COLLINS, A.S.,** Hand, M., ***Walker-Hallam, A.***, Smithies, H., Evins, P.A. 2008. Kinematic, metamorphic and geochronological framework for intracratonic reworking in the western Musgrave Block, central Australia: evidence for lower crustal channel flow? Australian Earth Science Convention, Perth, July 2008. 206

Brick, R.A., **COLLINS, A.S.** and Hand, M. 2008. Formation of the eclogite hosting 2.0 Ga Usagaran Orogenic Belt, Tanzania. Australian Earth Science Convention, Perth, July 2008, 59.

COLLINS, A.S. 2008. Formation of a Supercontinent: Framework of a Super-Resource: The East African Orogen and the amalgamation of Arabia. Australian Earth Science Convention, Perth, July 2008, 70.

Raimondo, T., **COLLINS, A.S.,** Hand, M., ***Walker-Hallam, A.,*** Smithies, H., Evins, P.A. Kinematic, metamorphic and geochronological framework for intracratonic reworking in the western Musgrave Block, central Australia: evidence for lower crustal channel flow? International Geological Congress, Oslo, August 2008

COLLINS, A.S, Formation of a Supercontinent: Framework of a Super-Resource. Geology and Hydrocarbon Potential of the Neoproterozoic-Cambrian Basins in India, Pakistan and the Middle East. Jammu, India, Feb 2008. p.1-5.

Brick, R.A., **COLLINS, A.S**, Reddy, S.M. and Momburi, P.B. 2007, Structural and Thermobarometric setting of 2.0 Ga eclogites in the Usagaran Orogen, Tanzania. International Association for Gondwana Research Conference, Fukuoka, Japan, Nov 2007, p.22

Brick, R.A. and **COLLINS, A.S.** 2007, High-pressure rocks in the Palaeoproterozoic: geodynamic evolution of 2.0 Ga eclogites in the Usagaran Orogen, Tanzania. Victorian Universities Environmental and Earth Sciences Convention 2007

COLLINS, A.S. 2007. Australian Neoproterozoic tectonics in a global framework. SGTSG 2007, Alice Springs, July 9-13th 2007. 41

Clark, C., **COLLINS, A.S.,** Wade, B., Kelsey, D. Payne, J. Hand, M. and Santosh, M. 2007. SGTSG 2007, Alice Springs, July 9-13th 2007. 44

Walker-Hallam, A., Belperio, M., Raimondo, T., **COLLINS, A.S.,** Smithies, H., Howard, H., Evins, P. and Hand, M. 2007, SGTSG 2007, Alice Springs, July 9-13th 2007, 97

Clark, C., **COLLINS, A.S.,** Wade, B., Kelsey, D., Payne, J., Santosh, M. and Hand, M.P. 2006. Coupling accessory mineral chemistry and geochronology with calculated phase diagrams: an example from the UHT Palghat-Cauvery shear system, southern India. Granulites and Granulites 2006, Brazilia, July 10-12, 2006. 28.

COLLINS, A.S., Pisarevsky, S. 2006**.** Integrating tectonic analysis and palaeogeography to get at the geography of the snowball world. Snowball Earth 2006, 16-21 July 2006, Monte Verita, Switzerland, pg. 23.

Belperio, M., Walker-Hallam, A., **COLLINS, A.S.,** Kelsey, D., Howard, H., Smithies, H. 2006, Complex strain in mylonites from the western Musgraves, WA. AESC Melbourne, July 2006.

COLLINS, A.S., Clark, C., Santosh, M., Sajeev, K., ***Kropinski, L., MacKenzie, S.,*** Hand, M.P., Kinny, P.D. 2006. The Mozambique Ocean Suture in Southern India: Age and Significance of Granulites in the Palghat-Cauvery Shear Zone System, AESC Melbourne, July 2006.

Gutiérrez-Alonso, G., Fernández-Suárez, J., **COLLINS, A.S.,** Abad, I. and Nieto, F., 2005. What is it underneath the core of the Asturian Arc? Detrital mica ages finish Eduard Suess's tale., EGU, Vienna.

Razakamanana, T., Kröner, A., **COLLINS, A.S.,** Windley, B.F., 2004. The Tectonic Architecture of the East African Orogenic Belt in Central Madagascar; a Structural and Geochronological Perspective. German Culture Symposium, Antananarivo.

COLLINS, A.S., Pisarevsky, S.A. and Kinny, P.D., 2004. Azania (the Intra-East African Orogen metacraton) and the Gondwana Coalition, International Gondwana Symposium, Kochi, Japan. *Gondwana Research*, 7, 1292-1294. **INVITED**

COLLINS, A.S. and Pisarevsky, S.A. 2004. The East African Orogen and the Gondwana Coalition: Towards a Geodynamic Construct. Asia Oceania Geosciences Society, Singapore, July 2004, 56. **INVITED**

FItzsimons, I.C.W., Hulscher, B. and **COLLINS, A.S.** 2004. Structural, metamorphic and SHRIMP U-Pb age data from the Pan-African of Madagascar: evidence for multi-stage assembly of the East African Orogen. Colloquium on African Geology, Orléans, France, June 2-8th 2004. pp. 164.

COLLINS, A.S., Reddy, S.M., Buchan, C. And Mruma, A. 2004. The 2.0 Ga Usagaran Eclogites, Tanzania: Age and Kinematic History of the Oldest HP/LT Terrane on Earth. Colloquium on African Geology, Orléans, France, June 2-8th 2004

COLLINS, A.S., Pisarevsky, S.A., Kinny, P.D. Santosh, M. and Fitzsimons, I.C.W. 2004, Late Neoproterozoic/Cambrian Palaeogeography of the central East African Orogen. Colloquium on African Geology, Orléans, France, June 2-8th 2004. pp. 119.

COLLINS, A.S. and Santosh, M., 2004. New protolith provenance, crystallisation and metamorphic U-Pb zircon SHRIMP ages from southern India. In: T.R.K. Chetty and Y.J. Bhaskar Rao (Editors), International Field Workshop on the Southern Granulite Terrane. National Geophysical Reseach Institute, Hyderabad, India, pp. 73-76.

Fitzsimons, I.C.W., **COLLINS, A.S**., Hulscher, B. and Kinny, P.D. Sutures, shear zones, and multiple tectonic events in the East African Orogen: SHRIMP U-Pb monazite and zircon constraints on the timing of metamorphism in western and eastern Madagascar. In: T.R.K. Chetty and Y.J. Bhaskar Rao (Editors), International Field Workshop on the Southern Granulite Terrane. National Geophysical Reseach Institute, Hyderabad, India, pp. 13-15.

Kinny, P.D., **COLLINS, A.S**. and Razakamanana, T. 2004. Provenance Hints and Age Constraints of Metasedimentary Gneisses of Southern Madagascar from SHRIMP U-Pb zircon data. In: T.R.K. Chetty and Y.J. Bhaskar Rao (Editors), International Field Workshop on the Southern Granulite Terrane. National Geophysical Reseach Institute, Hyderabad, India, pp 97-98.

Reddy, S.M., **COLLINS, A.S.** and Buchan, C. 2004**.** Structural and Temporal Framework of Palaeoproterozoic Eclogites: Usagaran Orogen, Tanzania. Australian Geological Convention, Hobart, pp. 181

Janssen, D., Fitzsimons, I. and **COLLINS A.** 2004. The Leeuwin Complex, southwest Australia: Disparate Blocks Amalgamated at ~550 Ma? Australian Geological Convention, Hobart, pp. 167.

Buchan, C. Reddy, S.M. and **COLLINS, A.S.** 2003. Characterising Complex Deformation paths during Transpression. SGTSG Kalbarri 22-26th September 2003. Geological Society of Australia, Abstracts, **72**, 113.

COLLINS, A.S., Reddy, S.M., Buchan, C. and Mruma, A. 2003. The 2.0 Ga Usagaran Eclogites, Tanzania: Age and Kinematic History of the Oldest HP/LT Terrane on Earth. SGTSG Kalbarri 22-26th September 2003. Geological Society of Australia, Abstracts, **72**, 40.

COLLINS, A.S. 2003. Structure and age of the northern Leeuwin Complex, Western Australia: Constraints from Field Mapping and U-Th-Pb Isotopic and Chemical Analysis. SGTSG Kalbarri 22-26th September 2003, Geological Society of Australia, Abstracts, **72**, 150

COLLINS, A.S., Kröner, A. Fitzsimons, I.C.W., Razakamanana, T and Windley, B.F. 2003. Detrital footprint of the Mozambique ocean: U/Pb SHRIMP and Pb evaporation zircon geochronology of metasedimentary gneisses in eastern Madagascar. SGTSG Kalbarri 22-26th September 2003, Geological Society of Australia, Abstracts, **72**, 125.

Janssen, D.P., Fitzsimons, I.C.W. and **COLLINS, A.S.,** 2003. Structural History of the Southern Leeuwin Complex, Southwest Australia. SGTSG Kalbarri 22-26th September 2003, Geological Society of Australia, Abstracts, **72**, 70.

COLLINS, A.S., Windley, B.F., Kröner, A., Fitzsimons, I.C.W. and Razakamanana, T. 2003. The tectonic architecture of Central and Northern Madagascar and their role in the final assembly of Gondwana. Proceedings of the IGCP-440 and LEGENDS International Symposium and Field Workshop on "The Role of Sri Lanka in Rodinia and Gondwana Assembly and Breakup", March-April 2003, Centenary Publication, Geological Survey and Mines Bureau, Sri Lanka (K.V.W. Kehelpannala, Ed.), pp. 1-8.

Buchan, C., **COLLINS, A.S.,** Reddy, S.M. and Mruma, A. 2003. The 2.0 Ga Usagaran eclogites, Tanzania: the onset of modern plate tectonics or a continuation of the norm? AGU/EGS/EUG Nice April 2003, Geophysical Research Abstracts, Vol. 5, 08176.

Windley B.F. and **COLLINS, A.S.** 2003. Tectonic profile across and evolution of the Neoproterozoic/Cambrian orogenic belt of central Madagascar. AGU/EGS/EUG Nice April 2003, Geophysical Research Abstracts, Vol. 5, 08194.

COLLINS, A.S., Kröner, A. Fitzsimons, I.C.W., Razakamanana, T and Windley, B.F. 2003. Detrital footprint of the Mozambique ocean: U/Pb shrimp and Pb evaporation zircon geochronology of metasedimentary gneisses in eastern Madagascar. AGU/EGS/EUG Nice April 2003, Geophysical Research Abstracts, Vol. 5, 04772.

Robertson, A., Ustaomer, T., Andrew, T. **COLLINS, A.,** Pickett, E. Dixon, J. Testing alternative hypotheses for the early Mesozoic evolution of Tethys. AGU/EGS/EUG Nice April 2003, Geophysical Research Abstracts, Vol. 5, 03828.

COLLINS, A.S., Gessner, K., Ring, U. and Güngör, T. 2002. Shrimp Geochronology of Granitoid Rocks in the Southern Anatolide belt, Western Turkey. GSA Abstracts with Programs Vol. 34, No. 6, September 2002.

COLLINS, A.S., Reddy, S.M., and Mruma, A. 2002. Structural setting and U/Pb SHRIMP zircon geochronology of 2.0 Ga eclogites, Usagaran belt, Tanzania: Paleoproterozoic subduction zone metamorphism? GAC-MAC, Saskatoon, 27th-29th May 2002.

COLLINS, A.S. Windley, B.F. Brewer, T.S., Kröner, A. and Razakamanana, T. 2002. The Geodynamic Evolution of East Madagascar: Closure of a Strand of the Mozambique Ocean and the Amalgamation of Gondwana. GAC-MAC, Saskatoon, 27th-29th May 2002.

Kröner, A., **COLLINS, A.S.**, Hegner, E., Muhongo, S., Willner, A.P. and Kehelpannala, K.V.W. 2001. Has the East African Orogen played any role in the formation and breakup of the supercontinent Rodinia and the amalgamation of Gondwana? New evidence from field relationship and isotopic data. *Gondwana Research*, 4, 669-670.

Kryza, R., Zalasiewicz, J., Merriman, R.A., **COLLINS, A.S**. and Kemps S.J., 2001. Mudrock fabrics and mineralogy - clues to evolving conditions within the Variscan accretionary prism: Kaczawa Mountains, SW Poland. EUROPROBE Neoproterozoic-Early Palaeozoic Time-Slice Symposium: Orogeny and Cratonic Response on the Margins of Baltica. 30th Sept-2nd Oct 2001 METU Ankara.

Reddy, S.R., **COLLINS, A.S.** and Mruma, A., 2001. A comparison of eclogite exhumation processes active during Tertiary and Palaeoproterozoic collisional orogenesis. IGCP „Ancient and modern Orogeny" Sion, Switzerland.

COLLINS, A.S. and Fitzsimons, I.C.W., 2001. Structural, isotopic and geochemical constraints on the evolution of the Leeuwin Complex, SW Australia. In Sircombe K.N. & Li, Z.X., From Basins to Mountains: Rodinia at the turn of the century, Perth, Sept 30th-Oct 2nd, Geological Society of Australia abstracts, 65, 16-19.

COLLINS, A.S., Fitzsimons, I.C.W., Brewer, T.S., Razakamanana, T., Hulscher, B., and Windley, B.F., 2001. The Structure, Geochemistry and Geochronology of Eastern Madagascar: The Remains of a strand of the Mozambique Ocean. In Sircombe K.N. & Li, Z.X., From Basins to Mountains: Rodinia at the turn of the century, Perth, Sept 30th-Oct 2nd , Geological Society of Australia abstracts, 65, 20-23.

COLLINS, A.S., Windley, B.F., Kröner, A., Fitzsimons, I.C.W., Razakamanana, T., Brewer, T.S. and Kinny, P.D., 2001. The Archaean Rocks of Central Madagascar: their place in Gondwana. In Cassidy K.F., Dunphy, J.M. & Van Kranendonk M.J. (eds.) 4th International Archaean Symposium 2001, Perth, Sept 24-28th, extended abstracts. AGSO - Geoscience Australia, Record 2001/37.

Kröner, A., Kehelpannala, K.V.W., **COLLINS, A.S.,** and Muhongo, S. 2001. Are all 1000-1100 Ma old rocks related to formation of the supercontinent Rodinia? The view from Sri Lanka, Madagascar and southeastern Africa. *Journal of Conference abstracts, EUG11,* 635

Brewer, T., **COLLINS, A.,** Kröner, A., Windley, B. and Razakamanana, T. 2001. Multiphase granitoid magmatism in central Madagascar: evidence for subduction of the Mozambique Ocean. *Journal of Conference abstracts, EUG11,* 362.

COLLINS, A.S., Windley, B.F., Kröner, A., Fitzsimons, I.C.W. and Hulscher B. 2001 The Tectonic Architecture of Central Madagascar: Implications this places on the evolution of the East African Orogeny. *Tectonics and Mineralization in the Arabian Shield and its Extensions. (UNESCO/IGCP Project 368: Proterozoic Events in East Gondwana) Jeddah, 17-25th March 2001.* Gondwana Research, 4, 152-153.

Kröner, A., **COLLINS, A.S.**, Hegner, E., Willner, A.P., Muhongo, S. & Kehelpannala, K.V.W. 2001 The East African Orogen: new zircon and Nd ages and implications for Rodinia and Gondwana supercontinent formation and dispersal. *Tectonics and Mineralization in the Arabian Shield and its Extensions. (UNESCO/IGCP Project 368: Proterozoic Events in East Gondwana) Jeddah, 17-25th March 2001.* Gondwana Research, 4, 179-181.

COLLINS, A.S., Windley, B.F., Fitzsimons, I.A. and Hulscher B. 2001 The Tectonic Architecture of Central Madagascar – Using Tectonostratigraphic Principles to Unravel the Deep Expression of a Continental Collisional Zone. *Structural Geology and Tectonic Studies Group of the Geological Society of Australia meeting, Ulverstone. February 2001*

COLLINS, A.S., 2001. The Tectonic Evolution of the Lycian Allochthon and Implications for the Evolution of SW Turkey. *Structural Geology and Tectonic Studies Group of the Geological Society of Australia meeting, Ulverstone February 2001*

Hulscher B., **COLLINS, A.S.**, Dahl K.L., Fitzsimons I.C.W., Johnson S.P., Jonsson M.K., Passmore A.R. and Powell C.McA. 2001. Evidence for 800 Ma and possibly older Deformation and Plutonism in Madagascar. *Structural Geology and Tectonic Studies Group of the Geological Society of Australia meeting, Ulverstone. February 2001*

Powell, C. McA., Dahl, K.L., Hulscher, B., Johnson, S.P., Passmore, A.R., **COLLINS, A.S.**, Fitzsimons, I.C.W. and Jonsson, M.K. 2001. The significance of 800Ma or possibly older deformation in central Madagascar. *Structural Geology and Tectonic Studies Group of the Geological Society of Australia meeting, Ulverstone. February 2001*

Kröner, A., **COLLINS, A.S.**, Hegner, E., Willner, A.P. and Muhungo, S. 2000. The East African Orogen: its role in Rodinia and Gondwana supercontinent formation and dispersal. *GSA Annual Meeting, 2000, Reno, Nevada.*, A-247.

Windley, B.F., **COLLINS, A.S.**, Kröner, A. and Whitehouse, M. 2000. The Tectonic Evolution of Madagascar and Yemen and their Place in the East African Orogen. *GSA Annual Meeting, 2000, Reno, Nevada.* A-248.

Windley, B.F., Kröner, A., **COLLINS, A.** and Whitehouse M. 2000. The Tectonic Evolution of Madagascar and Yemen in the Neoproterozoic and their role in the Accretion of East Gondwana..*International Geological Congress*, Rio de Janeiro, 6-17th August 2000.

Kröner, A., Hegner, E., **COLLINS, A.S.**, Brewer, T.S., Windley, B.F. and Rakakamanana, T., 2000. Age and Magmatic History of the Antananarivo Block, Central Madagascar, as Derived from Zircon Geochronology and Nd Isotopic Systematics. *International Geological Congress*, Rio de Janeiro, 6-17th August 2000.

COLLINS, A.S., Kröner, A., Razakamanana T. and Windley, B.F. 2000. The Tectonic Architecture of Central Madagascar – Disentangling the Amalgamation of Gondwana. *AGC 15, Sydney* Abstract volume, 90.

COLLINS, A.S., Kröner, A., Razakamanana, T. and Windley, B.F. 2000. The tectonic architecture of the East African Orogenic Belt in central Madagascar - a structural and geochronological perspective. *Geoscience 2000, Manchester*

COLLINS, A.S., Kröner, A., Razakamanana and Windley, B.F. 2000. The Tectonic Architecture of the East African Orogen in Central Madagascar - a Structural and Geochronological Perspective. *International Colloquium on African Geology, Graz*. Journal of African Earth Sciences, 30, 21

Kröner, A., Willner, A.P., **COLLINS, A.S.**, Hegner, E. and Muhongo, S. 2000. The Mozambique belt of East Africa and Madagascar: new zircon and Nd ages - implications for Rodinia and Gondwana supercontinent formation and dispersal *International Colloquium on African Geology, Graz*. Journal of African Earth Sciences, 30, 49.

Purvis, M.G.M., **COLLINS, A.S.** & Robertson, A.H.F. 1999. Suturing and collapse of a Tethyan orogen: example of the Lycian Nappes and overlying Aegean graben system. *Journal of Conference abstracts, EUG10*, 4, 35.

Robertson, A.H.F. & **COLLINS, A.S.** 1999. Significance of the Shyok Suture Zone (Northern Suture) in NW Pakistan (Skardu area): Twofold division into Cretaceous Kohistan arc-margin and Eurasian Karakoram continental margin, Terra Nostra, 14th Himalayan-Karakorum-Tibet Workshop, Kloser Ellat, Germany, March 24-26th l999, p. 128-130.

COLLINS, A.S., Kryza, R. & Zalasiewicz, J.A., 1999. Rheic subduction-accretion preserved in the Kaczawa hills, Sudetes, SW Poland. *Journal of Conference abstracts, EUG10*, 4, 95.

Windley, B.F., **COLLINS, A.S.**, Kröner, A. & Whitehouse, M. 1999. The Neoproterozoic suture zone of eastern Gondwana from Arabia to Madagascar and India: a transect through the continental crust. *Journal of Conference abstracts, EUG10*, 4, 104.

Robertson, A.H.F. & **COLLINS, A.S.** 1999. Significance of the Shyok Suture Zone (Northern Suture) in NW Pakistan (Skardu area): twofold division into Cretaceous Kohistan arc-margin and Eurasian (Karakoram) continental margin units. *Himalayan Geoscience conference*

Kröner A, Windley B.F., Jaeckel P. **COLLINS, A.S**., Brewer T.S., Nemchin A. & Razakamanana T., 1999. New zircon ages for Precambrian granites, gneisses and granulites from Central and Southern Madagascar: significance for correlations in East Gondwana. *Gondwana Research*, 2, 351-352.

COLLINS, A.S. 1998. Emplacement relationships of voluminous late Neoproterozoic Lower Crust intrusions in Central Madagascar. *Geological Society of London conference on magmatism and extension in the lower crust.*

COLLINS, A.S. 1998. Processes of Late Cretaceous to Late Miocene episodic thrust sheet translation in the Lycian Taurides, SW Turkey. *Geological Society of London – "Exploration and Production of Carbonate Plays on the southern margin of the Mediterranean Tethys"*

COLLINS, A.S. & Robertson, A.H.F., 1998. Field Evidence for the Formation of Tethys: Punctuated Rifting in southern Tethys. *Royal Society conference on ExtensionalTectonics.*

COLLINS, A.S. & Windley, B.F. 1998. Crustal-scale extension during the terminal stages of suturing of Gondwana. *Royal Society conference on ExtensionalTectonics.*

COLLINS, A.S. & Robertson, A.H.F. 1997. Seamount Incorporation into Accretionary Wedges: Evidence from the Lycian Melange, Southwestern Turkey. *Terra Nova abstract supplement EUG9*, 9, 324.

COLLINS, A.S. & Robertson, A.H.F. 1995. Modes of late Mesozoic to mid Tertiary compressional tectonics in south Tethys; evidence from the Lycian nappes, S.W. Turkey. *Terra abstracts*, 7, 176.

COLLINS, A.S. & Robertson, A.H.F. 1995. Tectonic facies in South West Turkey; their contribution to unravelling the Lycian fold and thrust belt. *Second International Symposium on the Geological Evolution of the Eastern Mediterranean Region, Jerusalem*.

Robertson, A. H. F., Degnan, P., **COLLINS, A.**, Jones, G., Pickett, E., Sharp, I. 1996. Role of subduction-accretion processes in the assembly of the Tethyan orogenic belt in the eastern Mediterranean region. *30th international geological congress; abstracts* 30, 314.

Robertson, A. H. F., Degnan P, **COLLINS, A.**, Jones, G., Pickett E, Sharp I. 1996. Role of subduction-accretion processes in the assembly of the Tethyan orogenic belt in the eastern Mediterranean region. IGC Resumes. 30, 1, 314.

Robertson A., Brown S., **COLLINS, A.**, Pickett E., Sharp I., Ustaömer T. & Dixon J., 1996. Bati Türkiye'nin Geç Paleozoyik'ten günümüze tektonik evrimi. transl. "Late Palaeozoic - Recent tectonic evolution of Western Turkey", *Türkity jeoloji kurultayi 1996 Bildiri özleri.*

Invited talks

02-06-2022 Field Geology Club SA "The amazing story of the Adelaide Superbasin" F2F and online

28-04-22 Geological Society of Australia (SA Division) "Proterozoic adventures in Australia and beyond" F2F and online

27-04-2022 AusIMM Geoscience seminars "New Exploration Scale Techniques to Date Proterozoic Sediments and Understand and Date Hydrothermal Events" – online

19-04-2022 University of the Third Age "A billion years of plate tectonics in 40 seconds… and how Adelaide's southern suburbs fit into it!" – F2F

24-11-2021 Sedimentary Copper Minerals Systems in the Stuart Shelf (Geological Survey of SA workshop) "New research into age, sediment source & water chemistry.