

## Publications (peer-reviewed)

(\*indicates graduate advisee, \*\*postdoctoral advisee) – updated July 2020

**H-factor: 57 (45 since 2015); Total Citations: 10818 (7028 since 2015) based on Google Scholar**

- Stockli D.F. and Najman, Y.M.R., 2020, Detrital Thermochronometry – Recorder of the Earth's Dynamic Past. Element, in press (invited)
- Pujols, E. J.\*, Stockli, D. F., Constenius, K. N., & Horton, B. K. (2020). Thermochronological and geochronological constraints on Late Cretaceous unroofing and proximal sedimentation in the Sevier orogenic belt, Utah. *Tectonics*, 39
- Goldsmith, A.S.\*, Ketcham, R.A. and Stockli, D.F., 2020. Simulating effects of heterogeneous 4He concentration profiles and radiation damage annealing on whole-grain zircon diffusivity analyses. *Geochimica et Cosmochimica Acta*
- Brennan, C.J.\*, Stockli, D.F. and Patterson, D.B., 2020. Zircon 4He/3He fractional loss step-heating and characterization of parent nuclide distribution. *Chemical Geology*, p. 119692
- Thomson, K.D. \*, Stockli, D.F., Odlum, M.L. \*, Tolentino, P., Puigdefàbregas, C., Clark, J. and Fildani, A., 2020. Sediment provenance and routing evolution in the Late Cretaceous–Eocene Ager Basin, south-central Pyrenees, Spain. *Basin Research*, 32(3), pp.485-504
- Cooperdock, E.H.G.\*, Stockli, D.F., Kelemen, P.B., and De Obeso, J.C., 2020, Timing of Magnetite Growth Associated With Peridotite-Hosted Carbonate Veins in the SE Samail Ophiolite, Wadi Fins, Oman. *Journal of Geophysical Research Solid Earth*
- Odlum, M.L.\* and Stockli, D.F., 2020. Geochronologic constraints on deformation and metasomatism along an exhumed mylonitic shear zone using apatite U-Pb, geochemistry, and microtextural analysis. *Earth and Planetary Science Letters*, 538, p. 116177
- Ribes, C., Ghienne, J., Manatschal, G., Dall'Asta, N., Stockli, D.F., Galster, F.\*\* , Gillard, M., and Karner, G.D., 2020, The Grès Singuliers of the Mont Blanc region (France and Switzerland): stratigraphic response to rifting and crustal necking in the Alpine Tethys. *International Journal of Earth Sciences*
- Kounov, A., Seward, D., Burg, J.P., Stockli, D. and Wüthrich, E., 2020. Cenozoic thermal evolution of the Central Rhodope Metamorphic Complex (Southern Bulgaria). *International Journal of Earth Sciences*
- Pindell, J., Molina-Garza, R., Villagomez, D., Martens, U., Graham, R., Stockli, D., Weber, B., and Sierra-Rojas, M.I., 2020, Provenance of the Miocene Nanchital Conglomerate, western Chiapas Foldbelt, Mexico: implications for reservoir sands in the Sureste Basin, greater Campeche Province. *Geological Society of London, Special Publications*, 504
- Snedden, J., Stockli, D.F., and Norton, I.O., 2020, Palaeogeographical reconstruction and provenance of Oxfordian aeolian sandstone reservoirs in Mexico offshore areas: comparison to the Norphlet aeolian system of the northern Gulf of Mexico. *Geological Society of London, Special Publications*, 504
- Gray, G.G., Villagomez, D., Pindell, J., Molina-Garza, R., O'Sullivan, P., Stockli, D., Farrel, W., Blank, D., and Schuba, J., 2020, Late Mesozoic and Cenozoic Thermo-Tectonic History of Eastern, Central and Southern Mexico as Determined Through Integrated Thermochronology, with Implications for Sediment Delivery to the Gulf of Mexico. *Geological Society of London, Special Publications*, 504
- Oesterle, J.E., Stockli, D., Seward, D., Little T.A., 2020, Dating of young (<1 Ma) tephra: Using U-Pb (zircon) and (U-Th[-Sm])/He (zircon, apatite, magnetite) chronometers to unravel the eruption age of a tephra in the Woodlark Rift of Papua New Guinea. *Terra Nova*
- Oesterle, J.E., Little, T.A., Seward, D., Stockli, D.F. and Gamble, J., 2020. The petrology, geochronology and tectono-magmatic setting of igneous rocks in the Suckling-Dayman metamorphic core complex, Papua New Guinea. *Gondwana Research*
- Seymour, N.M., Singleton, J.S., Mavor, S.P., Gomila, R., Stockli, D.F., Heuser, G. and Arancibia, G., 2020. The relationship between magmatism and deformation along the intra-arc strike-slip Atacama fault system, northern Chile. *Tectonics*, 39(3), 2019TC005702.

- Bosworth, W., Khalil, S. M., Ligi, M., Stockli, D.F., and K. R. McClay, 2019, Geology of Egypt: The Northern Red Sea. The Geology of Egypt, chapter 9: pages 343-374; Springer Nature Switzerland., ISBN: 978-3-030-15264-2, DOI:10.1007/978-3-030-15265-9\_9
- Rasmussen, C.\*\*; Stockli, D.F., Erickson, T.M. and Schmieder, M., 2020. Spatial U–Pb age distribution in shock-recrystallized zircon—a case study from the Rochechouart impact structure, France. *Geochimica et Cosmochimica Acta*.
- Hughes, N.C., Myrow, P.M., Ghazi, S., McKenzie, N.R., Stockli, D.F. and DiPietro, J.A., 2020. Cambrian geology of the Salt Range of Pakistan: Linking the Himalayan margin to the Indian craton: Reply. *Bulletin*, 132(1-2), pp.446-448.
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- Soto-Kerans, G.M.\*, Stockli, D.F., Janson, X., Lawton, T.F., and Covault, J.A., 2020. Orogen proximal sedimentation in the Permian foreland basin. *Geosphere*
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- Capaldi, T.N., George, S.M.W., Hirtz, J.A.M., Horton, B.K. and Stockli, D.F., 2019. Fluvial and eolian sediment mixing during changing climate conditions recorded in Holocene Andean foreland deposits from Argentina (31-33° S). *Frontiers in Earth Science*, 7, p. 298.
- Juárez-Arriaga, E., Lawton, T.F., Stockli, D.F., Solari, L. and Martens, U., 2019. Late Cretaceous–Paleocene stratigraphic and structural evolution of the central Mexican fold and thrust belt, from detrital zircon (U-Th)/(He-Pb) ages. *Journal of South American Earth Sciences*, 95, p.102264.
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- Odlum, M. L.\* , Stockli, D. F., Capaldi, T. N., Thomson, K. D., Clark, J., Puigdefàbregas, C., & Fildani, A. (2019), Tectonic and sediment provenance evolution of the South Eastern Pyrenean foreland basins during rift margin inversion and orogenic uplift. *Tectonophysics*.

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