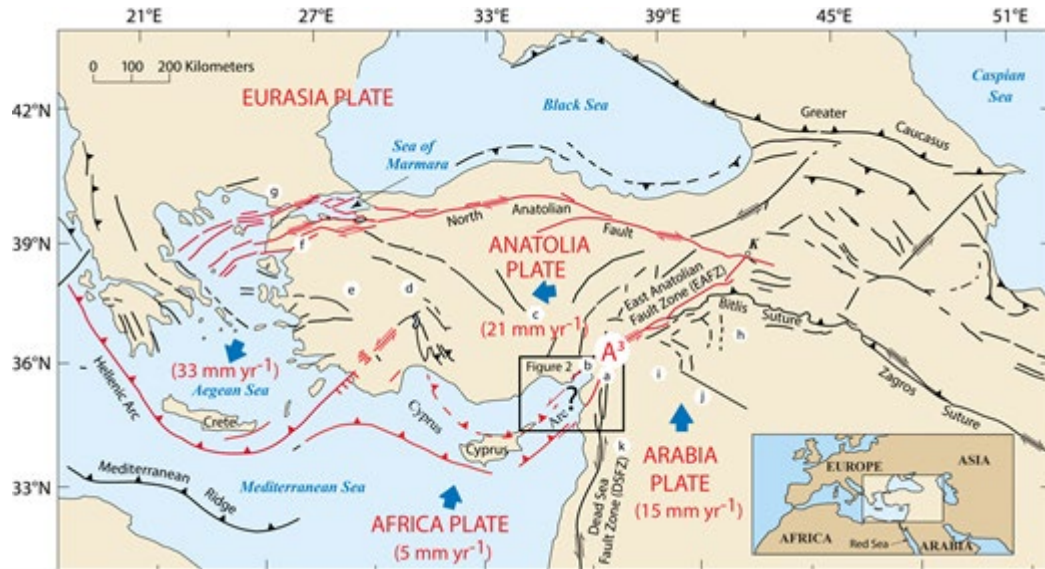


**Cosca, M.A.**, Reid, M., Delph, J.R., Kuşcu, G.G., Blichert-Toft, J., Premo W.R., Whitney, D.L., Teyssier, C., Rojay, B., 2020, Age and mantle sources of Quaternary basalts associated with “leaky” transform faults of the migrating Anatolia-Arabia-Africa triple junction. *Geosphere*, v. 17 (1), p. 69–94.  
doi: <https://doi.org/10.1130/GES02266.1>



Brocard, G.Y., Meijers, M., **Cosca, M.A.**, Salles, T., Willenbring, J., Teyssier, C., Whitney D.L., 2021, Fast Pliocene integration of the Central Anatolian Plateau drainage: Evidence, processes, and driving forces. *Geosphere*, v. 17 (3), p. 739–765. doi: <https://doi.org/10.1130/GES02247.1>

Fornash, K., **Cosca, M.**, and Whitney, D., 2013. Lawsonite veins in eclogite as an archive of subduction zone fluids from 45–80 km Depth (Sivrihisar, Turkey). *Mineralogical Magazine*, 77(5).

Fornash, K.F., **Cosca, M.A.**, and Whitney, D.L., 2016, Tracking the timing of subduction and exhumation using <sup>40</sup>Ar/<sup>39</sup>Ar phengite ages in blueschist- and eclogite-facies rocks (Sivrihisar, Turkey). *Contrib. Mineral. Petrol.* v. 171:67, 37 p., <https://doi.org/10.1007/s00410-016-1268-2>

Idleman, L., **Cosca, M.A.**, Heizler, M.T., Thomson, S.N., Teyssier, C., Whitney, D.L., 2014, Tectonic burial and exhumation cycles tracked by muscovite and K-feldspar <sup>40</sup>Ar/<sup>39</sup>Ar thermochronology in a strike-slip fault zone, central Turkey. *Tectonophysics*, v. 612–613, p. 134–146, <https://doi.org/10.1016/j.tecto.2013.12.003>.

Lüdecke, T.; Mikes, T.; Rojay, F.B.; **Cosca, M.A.**; and Mulch, A., 2013, Stable isotope-based reconstruction of Oligo-Miocene paleoenvironment and paleohydrology of Central Anatolian lake basins (Turkey). *Turkish Journal of Earth Sciences* v. 22, n. 5, Article 6. <https://doi.org/10.3906/yer-1207-11>.

Meijers, M.J.M., Brocard, G.Y., **Cosca, M.A.**, Lüdecke, T., Teyssier, C., Whitney, D.L., Mulch, A., 2018, Rapid late Miocene surface uplift of the Central Anatolian Plateau margin. *Earth and Planetary Science Letters* v. 497, p. 29–41, <https://doi.org/10.1016/j.epsl.2018.05.040>.

Meijers, M.J.M., Peynircioğlu, A.A., **Cosca, M.A.**, Brocard, G.Y., Whitney, D.L., Langereis, C.G., Mulch, A., 2018, Climate stability in central Anatolia during the Messinian Salinity Crisis. *Palaeogeography, Palaeoclimatology, Palaeoecology* v. 498, p. 53–67, <https://doi.org/10.1016/j.palaeo.2018.03.001>.

Reid, M. R., Schleiffarth, W. K., **Cosca, M. A.**, Delph, J. R., Blichert-Toft, J., & Cooper, K. M., 2017, Shallow melting of MORB-like mantle under hot continental lithosphere, Central Anatolia. *Geochemistry, Geophysics, Geosystems*, v. 18(5), 1866–1888.

Reid, M.R., Delph, J.R., **Cosca, M.A.**, Schleiffarth, W.K., Gençaliöğlü Kuşcu, G., 2019, Melt equilibration depths as sensors of lithospheric thickness during Eurasia-Arabia collision and the uplift of the Anatolian Plateau. *Geology* v. 47 (10), p. 943–947. doi: <https://doi.org/10.1130/G46420.1>

Umhoefer, P.J., Thomson, S.N., Lefebvre, C., **Cosca, M.A.**, Teyssier, C., Whitney, D.L., 2020, Cenozoic tectonic evolution of the Ecemiş fault zone and adjacent basins, central Anatolia, Turkey, during the transition from Arabia-Eurasia collision to escape tectonics. *Geosphere* v. 16 (6), p. 1358–1384. doi: <https://doi.org/10.1130/GES02255.1>