

# Ayham Zaitouny

## List of selected publications

(as of October 2023)

Zemek, R.M., De Jong, E., Chin, W.L., Schuster, I.S., Fear, V.S., Casey, T.H., Forbes, C., Dart, S.J., Leslie, C., **Zaitouny, A.** and Small, M., 2019. Sensitization to immune check-point blockade through activation of a STAT1/NK axis in the tumor microenvironment. *Science translational medicine*, 11(501), p.eaav7816.

**Zaitouny, A.**, Small, M., Hill, J., Emelyanova, I. and Clennell, M.B., 2020. Fast automatic detection of geological boundaries from multivariate log data using recurrence. *Computers & Geosciences*, 135, p.104362.

Walker, D.M., **Zaitouny, A.** and Correa, D.C., 2021. On using the modularity of recurrence network communities to detect change-point behaviour. *Expert Systems with Applications*, 176, p.114837.

**Zaitouny, A.**, Stemler, T. and Small, M., 2017. Modelling and tracking the flight dynamics of flocking pigeons based on real GPS data (small flock). *Ecological Modelling*, 344, pp.62-72.

**Zaitouny, A.**, Fragkou, A.D., Stemler, T., Walker, D.M., Sun, Y., Karakasidis, T., Natanail, E. and Small, M., 2022. Multiple sensors data integration for traffic incident detection using the quadrant scan. *Sensors*, 22(8), p.2933.