

- **Vandromme, M.**, Gurhem, J., Tsuji, M., Petiton, S., Sato, M. Scaling the PageRank Algorithm for Very Large Graphs on the Fugaku Supercomputer. In *International Conference on Computational Science* (pp. 389-402). Springer, Cham, 2022.
- **Vandromme, M.**, & Petiton, S. G. Efficient Parallel PageRank Algorithm for Network Analysis. In *2022 IEEE International Parallel and Distributed Processing Symposium Workshops (IPDPSW)* (pp. 1143-1152). IEEE, May 2022.
- **Vandromme, M.**, Jun, T., Perumalswami, P., Dudley J.T., Branch, A., Li, L. Automated phenotyping of patients with non-alcoholic fatty liver disease reveals clinically relevant disease subtypes. *Pacific Symposium on Biocomputing*, 2020.
- **Vandromme, M.**, Jacques, J., Taillard, J., Jourdan, L., Dhaenens, C. A biclustering method for heterogeneous and temporal medical data. *IEEE Transactions on Knowledge and Data Engineering*. 2020.
- Branch, A.D., Yip, R., **Vandromme, M.**, Wyatt, B., Rivas, C.R., Lavin, L., Miller, M., Dinani, A., Asharpour, A., Grewal, P. and Schiano, T.D. Evidence of Toxicant-Associated Fatty Liver Disease in Responders to the World Trade Center Attack. *HEPATOLOGY* (Vol. 70, pp. 1077A-1077A). October 2019.
- Perumalswami, P., Wyatt, B., Harty, A., Mageras, A., Li, L., Miller, M., **Vandromme, M.**, Dudley, J., Dieterich, D. and Branch, A. Eliminating HCV in a Large Urban Health System in the United States: A Big Data Approach. *Journal of Hepatology* (Vol. 70, pp. E502-E502). April 2019.
- Dhaenens, C., Jacques, J., Vandewalle, V., **Vandromme, M.**, Chazard, E., Preda, C., Amarioarei, A., Chaiwuttisak, P., Cozma, C., Ficheur, G. and Kessaci, M.E. ClinMine: Optimizing the management of patients in hospital. *IRBM*, 39(2), pp.83-92, 2018.
- Chaiwuttisak, P., Dhaenens, C., Jourdan, L. and **Vandromme, M.** Biclustering similarity measures for heterogeneous data. *AIP Conference Proceedings* (Vol. 2016, No. 1, p. 020034). AIP Publishing LLC. September 2018.
- **Vandromme, M.**, Jacques, J., Taillard, J., Hansske, A., Jourdan, L., Dhaenens, C. Extraction and optimization of classification rules for temporal sequences: application to hospital data. *Knowledge-Based Systems*, February 2017.
- **Vandromme, M.**, Jacques, J., Taillard, J., Jourdan, L., Dhaenens, C. A scalable biclustering method for heterogeneous medical data. *International Workshop on Machine Learning, Optimization and Big Data, MOD 2016*.
- **Vandromme, M.**, Jacques, J., Taillard, J., Jourdan, L., Dhaenens, C. Handling numerical data to evolve classification rules using a Multi-Objective Local Search. *Metaheuristics International Conference, MIC 2015*.