Supplementary Material

Inactivation of antibiotic-resistant bacteria and antibiotic-resistance genes in wastewater streams: Current challenges and future perspectives

Thabang B. M. Mosaka¹, John O. Unuofin¹, Michael O. Daramola¹, Chedly Tizaoui² Samuel A. Iwarere^{1*}

¹Department of Chemical Engineering, Faculty of Engineering, Built Environment and Information Technology, University of Pretoria, Hatfield, Pretoria 0002, South Africa ²Water and Resources Recovery Research Lab, Department of Chemical Engineering, Faculty of Science and Engineering, Swansea University, Swansea SA1 8EN, United Kingdom

Corresponding author: samuel.iwarere@up.ac.za

Figure S1 is the flow diagram following the Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) approach used for this systematic review and compilation of removal efficiencies of antibiotic resistant bacteria and antibiotic-resistance genes reported in actual wastewater treatment plants.

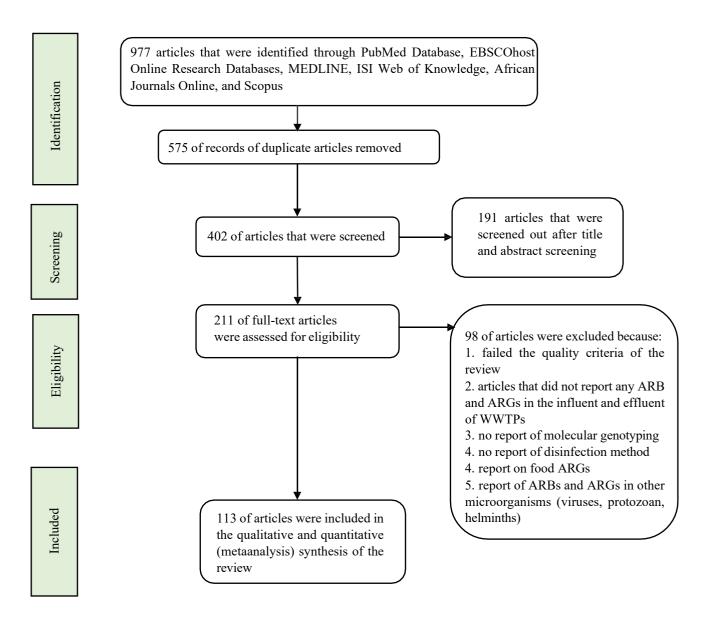


Figure S1: Flow diagram summarizing the process of literature search and selection.