# AIMMS publication report for: 2021-02-08

### New papers: 2021-1/2

Dalmijn, J. A., Poursat, B. A., Van Spanning, R. J., Brandt, B. W., De Voogt, P., Parsons, J. R. **Influence of short- And long-term exposure on the biodegradation capacity of activated sludge microbial communities in ready biodegradability tests** (Environmental Science: Water Research and Technology, Jan 2021)[https://doi.org/10.1039/d0ew00776e]

Barile, F. A., Berry, S. C., Blaauboer, B., Boobis, A., Bolt, H., Borgert, C. J., Dekant, W., Dietrich, D., Domingo, J. L., Gori, G. B., Greim, H., Hengstler, J., Kacew, S., Marquardt, H., Pelkonen, O., Savolainen, K., Heslop-Harrison, P., Tsatsakis, A., Vermeulen, N. P. **Critique of the “Comment” etitled “Pyrethroid exposure: Not so harmless after all” by Demeneix et al. (2020) published in the lancet diabetes endocrinology** (Toxicology Letters, 1 Apr 2021)[https://doi.org/10.1016/j.toxlet.2020.12.020]

van Tatenhove-Pel, R. J., Zwering, E., Boreel, D. F., Falk, M., van Heerden, J. H., Kes, M. B., Kranenburg, C. I., Botman, D., Teusink, B., Bachmann, H. **Serial propagation in water-in-oil emulsions selects for Saccharomyces cerevisiae strains with a reduced cell size or an increased biomass yield on glucose** (Metabolic Engineering, Mar 2021)[https://doi.org/10.1016/j.ymben.2020.12.005]

Kanev, G. K., de Graaf, C., Westerman, B. A., de Esch, I. J., Kooistra, A. J. **KLIFS: an overhaul after the first 5 years of supporting kinase research** (Nucleic acids research, 8 Jan 2021)[https://doi.org/10.1093/nar/gkaa895]

Clement, T. J., Baalhuis, E. B., Teusink, B., Bruggeman, F. J., Planqué, R., de Groot, D. H. **Unlocking Elementary Conversion Modes: ecmtool Unveils All Capabilities of Metabolic Networks** (Patterns, 8 Jan 2021)[https://doi.org/10.1016/j.patter.2020.100177]

Celeiro, M., Armada, D., Dagnac, T., de Boer, J., Llompart, M. **Hazardous compounds in recreational and urban recycled surfaces made from crumb rubber. Compliance with current regulation and future perspectives** (Science of the Total Environment, 10 Feb 2021)[https://doi.org/10.1016/j.scitotenv.2020.142566]

Charalampopoulos, P., Kociumaka, T., Pissis, S. P., Radoszewski, J., Rytter, W., Straszyński, J., Waleń, T., Zuba, W. **Circular pattern matching with k mismatches** (Journal of Computer and System Sciences, Feb 2021)[https://doi.org/10.1016/j.jcss.2020.07.003]

Perez Almeria, C. V., Setiawan, I. M., Siderius, M., Smit, M. J. **G protein-coupled receptors as promising targets in cancer** (Current Opinion in Endocrine and Metabolic Research, Feb 2021)[https://doi.org/10.1016/j.coemr.2020.10.005]

Blasche, S., Kim, Y., Mars, R. A., Machado, D., Maansson, M., Kafkia, E., Milanese, A., Zeller, G., Teusink, B., Nielsen, J., Benes, V., Neves, R., Sauer, U., Patil, K. R. **Metabolic cooperation and spatiotemporal niche partitioning in a kefir microbial community** (NATURE MICROBIOLOGY, Feb 2021)[https://doi.org/10.1038/s41564-020-00816-5]