# AIMMS publication report for: 2020-11-29

### New papers: 2020-10/11

Punt, A., Bouwmeester, H., Blaauboer, B. J., Coecke, S., Hakkert, B., Hendriks, D. F. G., Jennings, P., Kramer, N. I., Neuhoff, S., Masereeuw, R., Paini, A., Peijnenburg, A. A. C. M., Rooseboom, M., Shuler, M. L., Sorrell, I., Spee, B., Strikwold, M., Van der Meer, A. D., Van der Zande, M., Vinken, M., Yang, H., Bos, P. M. J., Heringa, M. B. **New approach methodologies (NAMs) for human-relevant biokinetics predictions: Meeting the paradigm shift in toxicology towards an animal-free chemical risk assessment** (Altex, 20 Oct 2020)[https://doi.org/10.14573/altex.2003242]

Amir, A., Charalampopoulos, P., Pissis, S. P., Radoszewski, J. **Dynamic and Internal Longest Common Substring** (Algorithmica, 1 Dec 2020)[https://doi.org/10.1007/s00453-020-00744-0]

Xie, C., Slagboom, J., Albulescu, L. O., Somsen, G. W., Vonk, F. J., Casewell, N. R., Kool, J. **Neutralising effects of small molecule toxin inhibitors on nanofractionated coagulopathic Crotalinae snake venoms** (Acta Pharmaceutica Sinica B, Oct 2020)[https://doi.org/10.1016/j.apsb.2020.09.005]

Nugroho, A. D. W., Kleerebezem, M., Bachmann, H. **A Novel Method for Long-Term Analysis of Lactic Acid and Ammonium Production in Non-growing Lactococcus lactis Reveals Pre-culture and Strain Dependence** (Frontiers in Bioengineering and Biotechnology, Oct 2020)[https://doi.org/10.3389/fbioe.2020.580090]

Romasanta, A. K. S., van der Sijde, P., van Muijlwijk-Koezen, J. **Innovation in pharmaceutical R&D: mapping the research landscape** (None, 10 Oct 2020)[https://doi.org/10.1007/s11192-020-03707-y]

Collet, J. W., Roose, T. R., Weijers, B., Maes, B. U., Ruijter, E., Orru, R. V. **Recent Advances in Palladium-Catalyzed Isocyanide Insertions** (Molecules (Basel, Switzerland), 23 Oct 2020)[https://doi.org/10.3390/molecules25214906]

N. Kolodkin, A., Sharma, R. P., Colangelo, A. M., Ignatenko, A., Martorana, F., Jennen, D., Briedé, J. J., Brady, N., Barberis, M., Mondeel, T. D., Papa, M., Kumar, V., Peters, B., Skupin, A., Alberghina, L., Balling, R., Westerhoff, H. V. **ROS networks: designs, aging, Parkinson’s disease and precision therapies** (NPJ systems biology and applications, 1 Dec 2020)[https://doi.org/10.1038/s41540-020-00150-w]

Guzman, L., Besa, G., Linares, D., González, L., Pont, C., Bartolini, M., Haigis, A. C., Legradi, J., Muñoz-Torrero, D., Gómez-Catalán, J., Barenys, M. **Evaluation of the effects of acetylcholinesterase inhibitors in the zebrafish touch-evoked response: quantitative vs. qualitative assessment** (Environmental Sciences Europe, 1 Dec 2020)[https://doi.org/10.1186/s12302-020-00421-7]

Abedin, P., Ganguly, A., Pissis, S. P., Thankachan, S. V. **Efficient data structures for range shortest unique substring queries** (Algorithms, Nov 2020)[https://doi.org/10.3390/a13110276]

Hamilton, D. J., Ábrányi-Balogh, P., Keeley, A., Petri, L., Hrast, M., Imre, T., Wijtmans, M., Gobec, S., de Esch, I. J., Keserű, G. M. **Bromo-cyclobutenaminones as new covalent udp-n-acetylglucosamine enolpyruvyl transferase (Mura) inhibitors** (Pharmaceuticals, Nov 2020)[https://doi.org/10.3390/ph13110362]

Steenhuis, M., Ten Hagen-Jongman, C. M., van Ulsen, P., Luirink, J. **Stress-based high-throughput screening assays to identify inhibitors of cell envelope biogenesis** (Antibiotics, Nov 2020)[https://doi.org/10.3390/antibiotics9110808]

Blankesteijn, M., Bossink, B. **Assessing the Legitimacy of Technological Innovation in the Public Sphere: Recovering Raw Materials from Waste Water** (Sustainability, 12 Nov 2020)[https://doi.org/https://doi.org/10.3390/su1222940810.3390/su12229408]