# AIMMS publication report for: 2022-10-12

### New papers: 2022-9/10

Martins, F. A., De Azevedo Santos, L., Rodrigues Silva, D., Fonseca Guerra, C., Bickelhaupt, F. M., Freitas, M. P. **Iodine Gauche Effect Induced by an Intramolecular Hydrogen Bond** (Journal of Organic Chemistry, 2 Sep 2022)[https://doi.org/10.1021/acs.joc.2c01258]

Bosma, R., Dijon, N. C., Zheng, Y., Schihada, H., Hauwert, N. J., Shi, S., Arimont, M., Riemens, R., Custers, H., van de Stolpe, A., Vischer, H. F., Wijtmans, M., Holliday, N. D., Kuster, D. W. D., Leurs, R. **Optical control of the β2-adrenergic receptor with opto-prop-2: A cis-active azobenzene analog of propranolol** (iScience, 16 Sep 2022)[https://doi.org/10.1016/j.isci.2022.104882]

Campos-Mañas, M. C., Wichelen, N. V., Covaci, A., Nuijs, A. L. N. V., Ort, C., Béen, F., Castiglioni, S., Hernández, F., Bijlsma, L. **Analytical investigation of cannabis biomarkers in raw urban wastewater to refine consumption estimates** (Water Research, Sep 2022)[https://doi.org/10.1016/j.watres.2022.119020]

Tian, X., Beén, F., Bäuerlein, P. S. **Quantum cascade laser imaging (LDIR) and machine learning for the identification of environmentally exposed microplastics and polymers** (Environmental Research, Sep 2022)[https://doi.org/10.1016/j.envres.2022.113569]

Charalampopoulos, P., Kociumaka, T., Radoszewski, J., Pissis, S. P., Rytter, W., Waleń, T., Zuba, W. **Approximate Circular Pattern Matching** (None, 1 Sep 2022)[https://doi.org/10.4230/LIPIcs.ESA.2022.35]

Valderhaug, S., Liu, H., Gorovoy, A., Johansen, J. E., van Mourik, L., de Boer, J., Gautun, O. R. **Nuclear magnetic resonance as a tool to determine chlorine percentage of chlorinated paraffin mixtures** (Chemosphere, Dec 2022)[https://doi.org/10.1016/j.chemosphere.2022.136312]