Igor Kaczmarczyk

Lista Publikacji

1. Guo, W.*, Kaczmarczyk, I.*, Kopietz, K., Flegler, F., Russo, S., Cigirgan, E., Chramiec-Glabik, A., Koziej, L., Cirzi, C., Peschek, J., Reuter, K., Helm, M., Glatt, S., & Tuorto, F. (2025). Queuosine is incorporated into precursor tRNA before splicing. Nature Communications, 16(1), 7044. *equal first authorship

2. Rozenberg, A.*, Kaczmarczyk, I.*, Matzov, D.*, Vierock, J.*, Nagata, T., Sugiura, M., Katayama, K., Kawasaki, Y., Konno, M., Nagasaka, Y., Aoyama, M., Das, I., Pahima, E., Church, J., Adam, S., Borin, V. A., Chazan, A., Augustin, S., Wietek, J., Dine, J., Peleg, Y., Kawanebe, A., Fujiwara, Y., Yizhar, O., Sheves, M., Schapiro, I., Furutani, Y., Kandori, H., Inoue, K., Hegemann, P., Beja, O., & Shalev-Benami, M. (2022). Rhodopsin-bestrophin fusion proteins from unicellular algae form gigantic pentameric ion channels. Nature structural & molecular biology, 29(6), 592-603. *equal first authorship

3. Biela, A.*, Hammermeister, A.*, Kaczmarczyk, I.*, Walczak, M.*, Koziej, L.*, Lin, T. Y., & Glatt, S. (2023). The diverse structural modes of tRNA binding and recognition. Journal of Biological Chemistry, 299(8). *equal first authorship

4. Jain, S., Koziej, L., Poulis, P., Kaczmarczyk, I., Gaik, M., Rawski, M., Ranjan, N., Glatt, S., & Rodnina, M. V. (2023). Modulation of translational decoding by m6A modification of mRNA. Nature communications, 14(1), 4784.

5. Hiregange, D. G., Samiya, S., Mizgalska, D., Ben-Zeev, E., Waghalter, M., Rivalta, A., Rajan, K. S., Halfon, Y., Breiner-Goldstein, E., Kaczmarczyk, I., Sroka, A., Taoka, M., Nobe, Y., Isobe, T., Paukner, S., Zimmerman, E., Bashan, A., & Yonath, A. (2025). Structural studies of ribosome from an anaerobic Bacteroidetes human pathogen Porphyromonas gingivalis. Nucleic Acids Research, 53(10), gkaf458.