

## List of publications

330. T. MUKHERJEE, R.J. MARTINEZ-SANCHEZ, K.T. FAM, S. BOU, L. RICHERT, D. GARNIER, Y. MELY, S. KANVAH, A.S. KLYMCHENKO, & M. COLLOT. Near Infrared Emitting Molecular Rotor Based on Merocyanine for Probing the Viscosity of Cellular Lipid Environments. *Mater. Chem. Front.*, 2021. IF 6.79
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328. J. KUCHLYAN, L. MARTINEZ-FERNANDEZ, M. MORI, K. GAVVALA, S. CIACO, C. BOUDIER, L. RICHERT, P. DIDIER, Y. TOR, R. IMPROTA, & Y. MELY. What makes thienoguanosine an outstanding fluorescent DNA probe? *J. Am. Chem. Soc.* 2020, 142, 16999-17014. IF 14.61
327. J. OSZ, A.G. McEWEN, M. BOURGUET, F. PRZYBILLA, C. PELUSO-ILTIS, P. POUSSIN-COURMONTAGNE, Y. MELY, S. CIANFERANI, C.M. JEFFRIES, D.I. SVERGUN, & N. ROCHEL. Structural basis for DNA recognition and allosteric control of the Retinoic Acid Receptors RAR-RXR. *Nucleic Acids Res.* 2020. 48, 9969-9985. IF 11.5
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324. H. MANKO, V. NORMANT, Q. PERRAUD, T. STEFFAN, E. BOUTANT, E. REAL, I.J. SCHALK, Y. MELY, & J. GODET. FLIM-FRET measurements of protein-protein interactions in live bacteria. *J Vis Exp.* 2020, Aug 25;(162). doi: 10.3791/61602. IF 1.33
323. A. KAVAND, C. BLANCK, F. PRZYBILLA, Y. MELY, N. ANTON, T.F. VANDAMME, C. SERRA, & D. CHAN-SENG. Investigating the growth of hyperbranched polymers by self-condensing vinyl RAFT copolymerization from the surface of upconversion nanoparticles. *Polym. Chem.*, 2020, 11, 4313–4325. IF 4.76
322. T. SCHUBERT, T. SYCH, J. MADL, M. XU, R. OMIÐVAR, L.J. PATALAG, A. RIES, K. KETTELHOIT, A. BRANDEL, Y. MELY, C. STEINEM, D.B. WERZ, R. THUENAUER, & W. ROMER. Differential recognition of lipid domains by two Gb3-binding lectins. *Sci. Rep.* 2020, 10, 9752. IF 4.52
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