

Large azobenzene acrocycles : formation and detection by NMR and MS methods

Roithmeyer, Helena; **Uudsemaa, Merle**; Trummal, Aleksander; **Brük, Mari-Liis**; Krämer, Sebastian; **Reile, Indrek**; Rjabovs, Vitalijs; Palmi, Kirsti; **Rammo, Matt**; **Aav, Riina**; Kalenius, Elina; Adamson, Jasper Supramolecular Chemistry 2022 / p. 77-86

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Novel lipophilic fluorophores with highly acidity-dependent two-photon response

Rammo, Matt; Trummal, Aleksander; Uudsemaa, Merle; Pahapill, Jüri; Petritsenko, Katrin; Sildoja, Meelis-Mait; Stark, Charles William; Selberg, Sigrid; Leito, Ivo; Palmi, Kristi; Adamson, Jasper; Rebane, Aleksander Chemistry : a European journal 2022 / p. e202103707 <https://doi.org/10.1002/chem.202103707>

On-off-on control of molecular inversion symmetry via multi-stage protonation : elucidating vibronic laporte rule

Stark, Charles William; **Rammo, Matt**; Trummal, Aleksander; Uudsemaa, Merle; Pahapill, Jüri; Sildoja, Meelis-Mait; Tshepelevitsh, Sofija; Leito, Ivo; Young, David C.; Szymanski, Bartosz; Vakuliuk, Olena; Gryko, Daniel T.; Rebane, Aleksander Angewandte Chemie international edition 2022 / p. e202212581 <https://doi.org/10.1002/anie.202212581>

Parahydrogen hyperpolarized NMR detection of underivatized short oligopeptides

Reimets, Nele; Ausmees, Kerti; Vija, Sirje; Trummal, Aleksander; Uudsemaa, Merle; Reile, Indrek Analyst 2023 / p. 5407-5415 : ill <https://doi.org/10.1039/d3an01345f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Cowart, Anna; **Brük, Mari-Liis**; Žoglo, Nikita; Roithmeyer, Helena; Uudsemaa, Merle; Trummal, Aleksander; Selke, Kaspar; **Aav, Riina**; Kalenius, Elina; Adamson, Jasper RSC advances 2023 / p. 1041–1048 : ill <https://doi.org/10.1039/d2ra07614d>

Two-photon voltmeter for measuring a molecular electric field

Rebane, Aleksander; Wicks, Geoffrey; Drobizhev, Mikhail; Cooper, Thomas; Trummal, Aleksander; **Uudsemaa, Merle** Angewandte Chemie - International Edition 2015 / p. 7582 - 7586 <https://doi.org/10.1002/anie.201502157> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)