

Chirogenic interaction of chiral cyclohexanohemicucurbit[n]urils with bis(Zn porphyrin)

Šakarašvili, Marko; Ustrnul, Lukas; Konrad, Nele; Aav, Riina Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 448 http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

Divergent access to histone deacetylase inhibitory cyclopeptides via a late-stage cyclopropane ring Cleavage strategy.

Short synthesis of Chlamydocin

Elek, Gabor Zoltan; Koppel, Kaur; Zubrytski, Dzmitry M.; Konrad, Nele; Järving, Ivar; Lopp, Margus; Kananovich, Dzmitry Organic letters 2019 / p. 8473-8478 : ill <https://doi.org/10.1021/acs.orglett.9b03305> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hemicucurbituril complexes with Porphyrins - chirality induction and sensing

Ustrnul, Lukas; Šakarašvili, Marko; Konrad, Nele; Borovkov, Victor; Aav, Riina Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 318 http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

Host-guest complexes of 2-aminocyclohexyl thioureas and zinc porphyrins: chiroptic properties and binding mechanism

Konrad, Nele; Menailava, Darya; Osadchuk, Irina; Aav, Riina; Borovkov, Victor; Kananovich, Dzmitry GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 44 <http://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Porphyrin-based (chir)optical sensing of amino-functionalized thiourea organocatalysts

Konrad, Nele; Horetski, Matvey; Sihtmäe, Mariliis; Osadchuk, Irina; Truong, Khai-Nghi; Borovkov, Victor; Aav, Riina; Kananovich, Dzmitry Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 393 http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

Self-assembly of chiral cyclohexanohemicucurbit[n]urils with bis(Zn porphyrin): size, shape, and time-dependent binding

Šakarašvili, Marko; Ustrnul, Lukas; Suut, Elina; Nallaparaju, Jagadeesh Varma; Mishra, Kamini Atindrakumar; Konrad, Nele; Adamson, Jasper; Borovkov, Victor; Aav, Riina Molecules 2022 / art. 937, 13 p. : ill <https://doi.org/10.3390/molecules27030937> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spectroscopic study of (all-R,R)-cyclohexanohemicucurbit[8]uril and its host-guest supramolecular hexafluorophosphate complexes

Konrad, Nele; Kananovich, Dzmitry; Aav, Riina; Borovkov, Victor Proceedings : Symmetry 2017 ; vol. 2 2018 / p. 64 <http://dx.doi.org/10.3390/proceedings2010064>

Supramolecular Chirogenesis in bis-porphyrin: crystallographic structure and CD spectra for a complex with a chiral guanidine derivative

Osadchuk, Irina; Konrad, Nele; Truong, Khai-Nghi; Rissanen, Kari; Clot, Eric; Aav, Riina; Kananovich, Dzmitry; Borovkov, Victor Symmetry 2021 / 14 p. : ill <https://doi.org/10.3390/sym13020275> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Supramolecular Chirogenesis in bis-porphyrin: crystallographic structure and CD spectra for a complex with a chiral guanidine derivative

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Supramolecular chirogenesis in zinc porphyrins by enantiopure hemicucurbit[n]urils (n = 6, 8)

Ustrnul, Lukas; Kaabel, Sandra; Burankova, Tatsiana; Martõnova, Jevgenia; Konrad, Nele; Borovkov, Victor; Aav, Riina Chemical communications 2019 / p. 14434-14437 : ill <https://doi.org/10.1039/c9cc07150d> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Supramolecular chirogenesis in zinc porphyrins by interaction with enantiopure hemicucurbiturils

Ustrnul, Lukas; Kaabel, Sandra; Burankova, Tatsiana; Konrad, Nele; Borovkov, Victor; Aav, Riina 14th International Symposium on Macrocyclic and Supramolecular Chemistry (ISMSC2019), June 2-6 2019, Lecce, Italy : book of abstracts 2019 / p. 489 <https://sti.chem.polimi.it/ismc2019/>

Supramolecular chirogenesis in zinc porphyrins: complexation with enantiopure thiourea derivatives, binding studies and chirality transfer mechanism

Konrad, Nele; Menailava, Darya; Osadchuk, Irina; Adamson, Jasper; Hasan, Mohammed; Clot, Eric; Aav, Riina; Borovkov, Victor; Kananovich, Dzmitry Journal of porphyrins and phthalocyanines 2020 <https://doi.org/10.1142/S108842461950192X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of porphyrin-biotin[6]uril conjugates

Dalidovich, Tatsiana; Konrad, Nele; Kananovich, Dzmitry; Aav, Riina GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 19 : ill <http://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Tetrapeptiidi histooni deatsetülaasi inhibiitori ehituskivide divergentne süntees

Elek, Gabor Zoltan; Koppel, K.; Konrad, Nele; Lopp, Margus; Kananovich, Dzmitry XXXIV Eesti keemiapäevad : 100.

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Thiourea organocatalysts as emerging chiral pollutants : en route to porphyrin-based (chir)optical sensing

Konrad, Nele; Horetski, Matvey; Sihtmäe, Mariliis; Osadchuk, Irina; Senge, Mathias O.; Borovkov, Victor; Aav, Riina; Kananovich, Dzmitry Chemosensors 2021 / art. 278 <https://doi.org/10.3390/chemosensors9100278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tsinkporfüriinide ja Takemoto katalüsaatori võõrustaja-külaline supramolekulaarsete komplekside uurimine spektroskoopiliselt ja arvutuslikult

Konrad, Nele; Meniailava, D.; Osadchuk, Irina; Kananovich, Dzmitry XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 19 : ill