

Benchmarking computational methods and influence of guest conformation on chirogenesis in zinc porphyrin complexes

Osadchuk, Irina; Borovkov, Victor; Aav, Riina; Clot, Eric Physical chemistry chemical physics 2020 / p. 11025–11037
<https://doi.org/10.1039/D0CP00965B> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chirality induction and self-assembly of metallo-porphyrins by chiral cyclohexanohemicucurbiturils

Aav, Riina Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 9
http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

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

Conformational switching of ethano-bridged Cu₂H₂-bis-porphyrin induced by aromatic amines

Bettini, Simona; Maglie, Emanuela; Pagano, Rosanna; **Borovkov, Victor** Beilstein journal of nanotechnology 2015 / p. 2154-2160 : ill
<https://doi.org/10.3762/bjnano.6.221> [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; Meniailava, Darya; Osadchuk, Irina; Aav, Riina; Borovkov, Victor; Kananovich, Dzmitry GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 44 <http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Induced circular dichroism in zinc porphyrin complexes

Osadchuk, Irina; Aav, Riina; Clot, Eric 1st International Conference on Noncovalent Interactions (ICNI 2019), 2-6 September, 2019 : program 2019 / poster 31, p. 34 https://icni2019.eventos.chemistry.pt/images/conference_program.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

Supramolecular chirogenesis in porphyrin chemistry : Recent developments and further prospects

Borovkov, Victor Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 30
http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

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://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

The intriguing story of bis-porphyrins in chemical sensors

Bettini, Simona; **Borovkov, Victor;** Giancane, Gabriele; Grover, Nikita; Mattern, Cornelia; Ottolini, Michela; Pagano, Rosanna; Senge, Mathias O.; Valli, Ludovico Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 235 http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf