

The breaking of symmetry leads to chirality in cucurbituril-type hosts

Aav, Riina; Mishra, Kamini Atindrakumar Symmetry 2018 / 26 p. : ill <https://doi.org/10.3390/sym10040098> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The breaking of symmetry leads to chirality in cucurbituril-type hosts : [the article in collection]

Aav, Riina; Mishra, Kamini Atindrakumar Chiral Auxiliaries and Chirogenesis 2021 / p. 1-26 : ill <https://doi.org/10.3390/books978-3-0365-1017-0> <https://doi.org/10.3390/sym10040098>

Crystallization of host-guest complexes with a chiral hemicucurbit[8]uril

Kaabel, Sandra; Topic, Filip; **Aav, Riina**; Rissanen, Kari 23rd International Conference on the Chemistry of the Organic Solid State (ICCOSS-XXIII), Stellenbosch, South Africa, April 2nd to 7th, 2017 2017 / P-28, p. 109 : ill <https://docplayer.net/51737571-icco-xxiii-stellenbosch-south-africa-contents-message-from-the-chair-of-the-organising-committee-2-previous-icco-ss-meetings-3-committees-4.html>

Cyclohexanohemicucurbit[8]uril inclusion complexes with heterocycles and selective extraction of sulfur compounds from water

Shalima, Tatsiana; Mishra, Kamini Atindrakumar; Kaabel, Sandra; **Ustrnul, Lukas**; **Bartkova, Simona**; **Tõnsuaadu, Kaia**; **Heinmaa, Ivo**; **Aav, Riina** Frontiers in chemistry 2021 / art. 786746, 8 p. : ill <https://doi.org/10.3389/fchem.2021.786746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dynamic chiral cyclohexanohemicucurbit[12]uril

Mishra, Kamini Atindrakumar; **Adamson, Jasper**; **Öeren, Mario**; **Kaabel, Sandra**; **Fomitšenko, Maria**; **Aav, Riina** Chemical communications 2020 / p. 14645–14648 <https://doi.org/10.1039/D0CC06817A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

LC-MS profiling of dynamic covalent library during mono-biotinylated hemicucurbit[8]uril solid-state synthesis

Jarg, Tatsiana; **Suut-Tuule, Elina**; **Ustrnul, Lukas**; **Kananovich, Dzmitry**; **Aav, Riina** Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. P44, p. 63 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

Mechanochemical synthesis of amides with uronium-based coupling reagents : a method for hexa-amidation of biotin[6]uril

Dalidovich, Tatsiana; **Mishra, Kamini Atindrakumar**; **Shalima, Tatsiana**; **Kudrjašova, Marina**; **Kananovich, Dzmitry**; **Aav, Riina** ACS sustainable chemistry & engineering 2020 / p. 15703–15715 : ill <https://doi.org/10.1021/acssuschemeng.0c05558> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanochemically driven covalent self-assembly of a chiral mono-biotinylated hemicucurbit[8]uril

Suut-Tuule, Elina; **Jarg, Tatsiana**; **Tikker, Priit**; **Lootus, Ketren-Marlein**; **Martõnova, Jevgenija**; **Reitalu, Rauno**; **Ustrnul, Lukas**; **Ward, Jas S.**; **Rjabovs, Vitalijs**; **Shubin, Kirill**; **Nallaparaju, Jagadeesh Varma**; **Vendelin, Marko**; **Preis, Sergei**; **Öeren, Mario**; **Rissanen, Kari**; **Kananovich, Dzmitry**; **Aav, Riina** Cell reports physical science 2024 / art. 102161 <https://doi.org/10.1016/j.xcrp.2024.102161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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/ismsc2019/>

Synthesis of (2S)-2,3-diaminopropionic acid based urea [Online resource]

Mishra, Kamini Atindrakumar; **Aav, Riina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

Synthesis of a novel monofunctionalized hemicucurbit[8]uril

Nguyen, Thi Thanh Ngan; **Jarg, Tatsiana**; **Adamson, Jasper**; **Kananovich, Dzmitry**; **Aav, Riina** Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / p. 107 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

Synthesis of new chiral macrocycles from (2S)-2,3-diaminopropionic acid [Online resource]

Mishra, Kamini Atindrakumar; **Fomitšenko, Maria**; **Aav, Riina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p.: ill <http://fntdk.ut.ee/teesid-2019/>

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>

Uus enantiomeerne poolkukurbit[6]uriil

Shmatova, Elena; Werner, Franz; Tarma, K.; Öeren, Mario; Borissova, Maria; Aav, Riina XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 92 : ill

Uus kiraalne poolkukurbit[6]uriil

Shmatova, Elena TTÜ üliõpilaste teadustööde konkursi kokkuvõtted : Tipika teaduskonverents, 24. november 2011, Tallinn 2011 / lk. 5-7