

Enantioselective Michael addition to vinyl phosphonates via hydrogen bond-enhanced halogen bond catalysis

Kaasik, Mikk; Martõnova, Jevgenia; Erkman, Kristin; Metsala, Andrus; Järving, Ivar; Kanger, Tõnis Chemical science 2021 / p. 7561-7568 <https://doi.org/10.1039/D1SC01029H> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Halo-1,2,3-triazolium salts as halogen bond donors for the activation of imines in dihydropyridinone synthesis

Kaasik, Mikk; Metsala, Andrus; Kaabel, Sandra; Kriis, Kadri; Järving, Ivar; Kanger, Tõnis Journal of organic chemistry 2019 / p. 4294–4303 : ill <https://doi.org/10.1021/acs.joc.9b00248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Halogeenside võib võimendada kaugete aatomite interaktsioone

Metsala, Andrus; Kaasik, Mikk; Kanger, Tõnis; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 28 https://www.ester.ee/record=b5208044*est

Halogen-Bonding Organocatalysis - New Opportunities for Asymmetric Synthesis

Kaasik, Mikk; Kanger, Tõnis Asymmetric Organocatalysis: New Strategies, Catalysts, and Opportunities. Vol. 1 2022 / p. 203-224 <https://doi.org/10.1002/9783527832217.ch6>

Halotriazolium salts as organocatalysts in aza-Diels-Alder reaction [Online resource]

Kaasik, Mikk; Kriis, Kadri; Kanger, Tõnis 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/>

Multifunctional catalysts in the asymmetric Mannich reaction of malononitrile with N-Phosphinoylimines : coactivation by halogen bonding versus hydrogen bonding

Kriis, Kadri; Martõnov, Harry; Miller, Annette; Erkman, Kristin; Järving, Ivar; Kaasik, Mikk; Kanger, Tõnis The journal of organic chemistry 2022 / p. 7422-7435 : ill <https://doi.org/10.1021/acs.joc.2c00674> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Organocatalytic conjugate addition of cyclopropylacetaldehyde derivatives to nitro olefins : en route to β - and γ -amino acids

Kaasik, Mikk; Noole, Artur; Reitel, Kärt; Järving, Ivar; Kanger, Tõnis European journal of organic chemistry 2015 / p. 1745-1753 : ill

Quantum chemical calculation procedure for the c-c bond forming reactions

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Supramolecular halogen bonds in asymmetric catalysis

Kaasik, Mikk; Kanger, Tõnis Frontiers in chemistry 2020 / art. 599064, 18 p. : ill <https://doi.org/10.3389/fchem.2020.599064> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis and characterization of chiral triazole-based halogen bond donors [Online resource]

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Synthesis of chiral triazole-based halogen bond donors

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Synthesis, characterization and catalytic activity of enantiopure triazole-based halogen bond donors

Kaasik, Mikk; Kaabel, Sandra; Metsala, Andrus; Peterson, Anna; Kriis, Kadri; Järving, Ivar; Aav, Riina; Rissanen, Kari; Adamson, Jasper; Kanger, Tõnis GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 35 : ill <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Triazole-based XB donors in solution and applications in catalysis

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Tunable chiral triazole-based halogen bond donors : assessment of donor strength in solution with nitrogen-containing acceptors

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