

## Aatomiehitus. Keemiline side : õppetöövahend

Kallast, Vambola 1997 [https://www.esther.ee/record=b1060345\\*est](https://www.esther.ee/record=b1060345*est) <https://digikogu.taltech.ee/et/item/0741b4b7-193a-492d-b28a-3a4dc14c6e61>

## Aatomiehitus. Keemiline side : õppetöövahend

Arumeel, Edgar; Kallast, Vambola 1972 [https://www.esther.ee/record=b1326769\\*est](https://www.esther.ee/record=b1326769*est)

**An investigation of noncovalently bound supramolecular systems through case studies of oxacalixarenes and iodo-triazoles = Mittekoivalentsete sidemete abil moodustunud supramolekulaarsete süsteemide uurimine oksakaliksareenide ja jodotriiasoolide näitel**

Cowart, Anna 2021 <https://digikogu.taltech.ee/et/item/2f3f9906-0db8-427d-9d88-165f09e3d7da> [https://www.esther.ee/record=b5415281\\*est](https://www.esther.ee/record=b5415281*est)  
<https://doi.org/10.23658/taltech.18/2021>

## Atomic structure, dynamics, changes in chemical bonding and semiconductor-metal transition in Sb<sub>2</sub>Se<sub>3</sub> : A remarkable material for quantum networks and energy applications

Kassem, Mohammad; Benmore, Chris J.; Tverjanovich, Andrey; Bokova, Maria; Khomenko, Maxim; Usuki, Takeshi; Sokolov, Anton; Fontanari, Daniele; **Bereznev, Sergei**; Ohara, Koji ACS applied materials & interfaces 2025 / p. 17075-17095  
<https://doi.org/10.1021/acsami.5c00008>

## Calcium fluor- and hydroxyapatites modified or not as catalysts for C-C bond formation

Gruselle, Michel; **Kanger, Tõnis**; Flambard, Alexandrine; **Kriis, Kadri**; **Mikli, Valdek**; **Maaten, Birgit**; **Tõnsuaadu, Kaia**

International Conference Catalysis in Organic Synthesis ICCOS-2012 : September 15-20, 2012, Moscow, Russia : book of abstracts 2012 / p. 190

## Calcium hydroxyapatites as efficient catalysts for the Michael C-C bond formation

Gruselle, Michel; **Kanger, Tõnis**; Thouvenot, Rene; Flambard, Alexandrine; **Kriis, Kadri**; **Mikli, Valdek**; **Traksmaa, Rainer**; **Maaten, Birgit**; **Tõnsuaadu, Kaia** ACS catalysis 2011 / p. 1729-1733 : ill

## A comparative study of structural energetics and chemical bonding in Ca-based dielectric materials : an integrated view from first-principles calculations

Pishtshev, Aleksandr; **Klobov, Mihail** "Functional materials and nanotechnologies" FM&NT-2012 : 17.-20.04.2012, Riga, Latvia : [abstracts] 2012 / p. 117

## C-X sideme gaasifaasilise homolüüsü kiiruskonstantide kvantitatiivne sõltuvus molekulaardeskriptoritest

Hiob, R. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 32

## Diffusion in the interface region of Ti/TiAl-Nb bonding

**Kommel, Lembit** Defects and diffusion forum 2006 / p. 193-200

[https://www.researchgate.net/publication/240837273\\_Diffusion\\_in\\_the\\_Interface\\_Region\\_of\\_TiTiAl-Nb\\_Bonding](https://www.researchgate.net/publication/240837273_Diffusion_in_the_Interface_Region_of_TiTiAl-Nb_Bonding)

## Dynamical instability of the apex oxygen by the c-bonds compression in YBaCuO

**Klobov, Mihail**; Kristoffel, Nikolai Physica C 1998 / p. 261-264

## Dynamical stability of chain oxygen with softened bonds in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>6+x</sub>

Kristoffel, Nikolai; **Klobov, Mihail**; Rubin, P. International Conference : Physical and Chemistry of Molecular and Oxide Superconductors, Karlsruhe, August 2-6, 1996 : abstracts 1996

## Dynamical stability of the chain oxygen with softened bonds in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>6+x</sub>

Kristoffel, Nikolai; **Klobov, Mihail**; Rubin, P. International Conference "The Role of Dimensionality in Correlated Electronic Systems", Torino, May 6-25, 1996 : abstracts 1996

## Effects of the polarity of the environment to the E1Z conformational equilibria of N-arylamides

Leis, J.; Karelson, Mati; Klika, K.D. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 69

## 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.esther.ee/record=b5208044\\*est](https://www.esther.ee/record=b5208044*est)

## Keskonna polaarsuse mõju E1Z konformatsioonilisele tasakaalule N-aruülämiidides

Leis, J.; Karelson, Mati; Klika, K.D. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 63

**Polüeenhapete gamma- ja delta-kaksiksidemete selektiivne taandumine = Selective reduction of gamma- and delta-double bonds in polyunsaturated fatty acids**

**Järving, Ivar; Valmsen, Karin; Lille, Ülo; Lopp, Margus; Pehk, Tõnis; Samel, Nigulas XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 61-62**

[https://www.esther.ee/record=b1070511\\*est](https://www.esther.ee/record=b1070511*est)

**Quantitative relationship between rate constants of the gas phase homolysis of C-X bonds and molecular descriptors**

Hiob, R. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 37

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

**Metsala, Andrus; Kaasik, Mikk; Kriis, Kadri; Kanger, Tõnis; Kimm, Mariliis** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 127 [Kogumik](#)

**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, characterisation and catalytic activity of enantiopure triazole based halogen bond donors = Enantiomeerselt puhaste triasooli-põhiste halogeensideeme doonorite süntees, iseloomustamine ja katalütiline aktiivsus**

**Kaasik, Mikk** 2020 <https://digikogu.taltech.ee/et/item/4a5fa759-84c8-45b0-ade1-a1a887b8e91b>

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

**Peterson, Anna; Kaasik, Mikk; Metsala, Andrus; Järving, Ivar; Adamson, Jasper; Kanger, Tõnis** RSC advances 2019 / p. 11718–11721 : ill <https://doi.org/10.1039/c9ra01692a> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Строение атома. Химическая связь**

**Arumeel, Edgar; Kallast, Vambola** 1977 [https://www.esther.ee/record=b1302246\\*est](https://www.esther.ee/record=b1302246*est)

**Строение атома. Химическая связь : учебно-методическое пособие**

**Arumeel, Edgar; Kallast, Vambola; Schults, Natalja** 1985 [https://www.esther.ee/record=b1245722\\*est](https://www.esther.ee/record=b1245722*est)