

Aatomi ehitus. Keemiline side : õppevahend

Kallast, Vambola 1997 https://www.ester.ee/record=b1060345*est <https://digikogu.taltech.ee/et/Item/0741b4b7-193a-492d-b28a-3a4dc14c6e61>

Aatomi ehitus. Keemiline side : õppevahend

Arumeel, Edgar; Kallast, Vambola 1972 https://www.ester.ee/record=b1326769*est

An investigation of noncovalently bound supramolecular systems through case studies of oxacalixarenes and iodo-triazoles = Mittekovalentsete sidemete abil moodustunud supramolekulaarsete süsteemide uurimine oksaliksaareenide ja jodotriasoolide näitel

Cowart, Anna 2021 <https://digikogu.taltech.ee/et/Item/2f3f9906-0db8-427d-9d88-165f09e3d7da> https://www.ester.ee/record=b5415281*est
<https://doi.org/10.23658/taltech.18/2021>

Atomic structure, dynamics, changes in chemical bonding and semiconductor-metal transition in Sb₂Se₃ : 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 hydroxy-apatites 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**; **Traksmäa, 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; **Klopov, Mihhail** "Functional materials and nanotechnologies" FM&NT-2012 : 17.-20.04.2012, Riga, Latvia : [abstracts] 2012 / p. 117

C-X sideme gaasifaasilise homolüüsi 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

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

Klopov, Mihhail; Kristoffel, Nikolai Physica C 1998 / p. 261-264

Dynamical stability of chain oxygen with softened bonds in YBa₂Cu₃O_{6+x}

Kristoffel, Nikolai; **Klopov, Mihhail**; 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 YBa₂Cu₃O_{6+x}

Kristoffel, Nikolai; **Klopov, Mihhail**; 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 EIZ 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.ester.ee/record=b5208044*est

Keskkonna polaarsuse mõju EIZ konformatsioonilisele tasakaalule N-arüülamiidides

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

Polüeenhapete gamma- ja delta-kaksiksidemete selektiivne taandamine = 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

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

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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) :

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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, characterisation and catalytic activity of enantiopure triazole based halogen bond donors = Enantiomeerselt puhaste triasooli-põhiste halogeensideme doonorite süntees, iseloomustamine ja katalüütiline 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.ester.ee/record=b1302246*est

Строение атома. Химическая связь : учебно-методическое пособие

Arumeel, Edgar; **Kallast, Vambola**; **Schults, Natalja** 1985 https://www.ester.ee/record=b1245722*est