

Application of cobalt-containing metal-organic framework as crystalline sponge

Martõnova, Jevgenija; Adamson, Jasper; Kaabel, Sandra; Šubin, Kirill; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 2 https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Crystalline structure, surface morphology and optical properties of nanolamellar composites obtained by intercalation of InSe with Cd

Untila, Dumitru; Caraman, Iuliana; Evtodiev, Igor; **Spalatu, Nicolae** Energy procedia 2015 / p. 149-155 : ill <https://doi.org/10.1016/j.egypro.2015.12.308> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cucurbiturils : synthesis, structures, formation mechanisms, and nomenclature

Aav, Riina; **Kaabel, Sandra**; **Fomitšenko, Maria** Comprehensive supramolecular chemistry II. Vol. 3, Supramolecular receptors 2017 / p. 203-220 : ill <https://doi.org/10.1016/B978-0-12-409547-2.12514-4>

Cyclohexylhemicucurbit[8]uril - a chiral macrocyclic host for anionic guests

Kaabel, Sandra; Topic, Filip; **Shmatova, Elena**; **Kudrjašova, Marina**; Kalenius, Elina; Kivijärvi, Lauri; **Aav, Riina**; Rissanen, Kari Acta crystallographica section A : foundations and advances 2015 / p. s475 <http://dx.doi.org/10.1107/S2053273315092992>

Cyclohexylhemicucurbit[8]uril - a chiral macrocyclic host for anionic guests

Kaabel, Sandra; Topic, Filip; **Prigorchenko, Elena**; **Kudrjašova, Marina**; Kalenius, Elina; Kivijärvi, Lauri; **Aav, Riina**; Rissanen, Kari ECM29 : 29th European Crystallographic Meeting : Young Crystallographers' Satellite Meeting : Rovinj, Croatia, August 23, 2015 : [abstracts] 2015 / [1] p. : ill http://ecm29.ecanews.org/wp-content/uploads/10_Sandra_Kaabel.pdf

Deposition of copper indium disulphide films by chemical spray pyrolysis

Kijatkina, Olga 2004 https://www.ester.ee/record=b1926863*est

Effect of precipitation conditions on the apatite structure

Tõnsuaadu, Kaia; **Peld, Merike**; **Mikli, Valdek**; **Bender, Villem** Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 122

Growth kinetics of semiconducting materials with monocrystalline grain structure

Hiie, Jaan; **Melikov, Enn** Mat Tech '91 : The Second European East-West Symposium of Materials and Processes, May 26-30, 1991 : abstracts 1991 / p. 248

Leakage currents in 4H-SiC JBS diodes

Ivanov, Pavel; **Korolkov, Oleg**; **Sleptšuk, Natalja** Semiconductors 2012 / p. 397-400 : ill <https://link.springer.com/article/10.1134/S106378261203013X>

11R-lipoksügenaasi kristallstruktuuri mudel

Eek, Priit; **Järving, Reet**; **Järving, Ivar**; Newcomer, Marcia E.; **Samel, Nigulas** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 18

Lithiation-driven structural transition of VO₂F into disordered rock-salt Li_xVO₂F

Chen, Ruiyong; Maawad, Emad; Knapp, Michael; Ren, Shuhua; Beran, Premysl; **Witter, Raiker**; Hempelmann, Rolf RSC advances 2016 / p. 65112-65118 : ill <https://doi.org/10.1039/c6ra14276a> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A model of grain boundary scattering in polycrystalline doped semiconductors

Makletsov, A.; Rimshans, J. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 2 1994 / p. 529-531 : ill https://www.ester.ee/record=b2150914*est

Multiple secondary interaction arrangement in the crystal structure of cis-dichlorobis(thiourea-S)-zinc(II)

Bombicz, Petra; Madarasz, Janos; **Krunks, Malle**; Niinistö, Lauri; Pokol, György Journal of coordination chemistry 2007 / 4, p. 457-464 <https://www.tandfonline.com/doi/abs/10.1080/00958970600873604>

New technique for characterization of microstructure of the nickel-base superalloy

Kommel, Lembit Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 498-503 : ill

On numerical simulation of propagation of solitons in microstructured media

Salupere, Andrus; **Ilison, Lauri**; **Tamm, Kert** Applications of Mathematics in Engineering and Economics '34 : proceedings 2008 / p. 155-165 https://www.researchgate.net/publication/258296769_On_Numerical_Simulation_of_Propagation_of_Solitons_in_Microstructured_Media

Optical properties of GaTe-ZnTe nanolamellae composite

Spalatu, Nicolae; Evtodiev, Igor; Caraman, Iuliana Energy procedia 2015 / p. 176-182 : ill <https://doi.org/10.1016/j.egypro.2015.12.311> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Photoluminescence of chalcopyrite tellurides = Kalkopüriitsete telluriidide fotoluminestsents

Jagomägi, Andri 2006 https://www.ester.ee/record=b2209329*est

rac-8a'-Methyl-3',4',8'-tetrahydro-2'H-spiro[[1,3]dioxolane-2,1'-naphthalen]-6'(7'H)-one

Werner, Franz; Toon, Liina; Aav, Riina Acta crystallographica section E : structure reports online 2011 / p. o2460

https://www.researchgate.net/publication/51778518_rac-8a%27-Methyl-3%274%278%27a%27-tetra-hydro-2%27H-spiro-13dioxolane-21%27-naphthalen-6%277%27H-one

Solitons in systems with a quartic potential and higher-order dispersion

Salupere, Andrus; Maugin, Gerard; Engelbrecht, Jüri Euromech 348 : Nonlinear Dynamics of Heterogeneous and Microstructured Solids, May 22-26, 1996, Tallinn, Estonia : book of abstracts 1996 / p. 42

Structural changes of starch during baking and staling of rye bread

Mihhalevski, Anna; Heinmaa, Ivo; Traksmäa, Rainer; Pehk, Tõnis; Mere, Arvo; Paalme, Toomas Journal of agricultural and food chemistry 2012 / p. 8492-8500 : ill <https://pubs.acs.org/doi/10.1021/jf3021877>

Study of Cu₂CdGeSe₄ monograin powders synthesized by molten salt method for photovoltaic applications

Kauk-Kuusik, Marit; Li, Xiaofeng; Pilvet, Maris; Timmo, Kristi; Grossberg, Maarja; Raadik, Taavi; Danilson, Mati; Mikli, Valdek; Altosaar, Mare; Krustok, Jüri; Raudoja, Jaan Thin solid films 2018 / p. 15-19 <https://doi.org/10.1016/j.tsf.2018.09.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of Cu₂(Zn,Cd)SnS₄ absorber materials for monograin layer solar cells = Päikesepatareides kasutatavate

Cu₂(Zn,Cd)SnS₄ absorbermaterjalide uurimine

Pilvet, Maris 2017 <https://digi.lib.ttu.ee/78446> https://www.ester.ee/record=b4689398*est

Synthesis of semiconducting materials monocrystalline grain structure

Mellikov, Enn; Hiie, Jaan; Varema, Tiit Journal of materials and product. technology 1991 / 6

Synthesis, vibrational spectra and X-ray structures of copper(I) thiourea complexes

Bombicz, Petra; Mutikainen, Ilpo; Krunks, Malle; Leskelä, Tuula; Madarasz, Janos; Niinistö, Lauri Inorganica chimica acta 2004 / 2, p. 513-525 <https://www.sciencedirect.com/science/article/pii/S0020169303005152>

Tallinna Tehnikaülikooli teadlased löid uue põlvkonna päikesepatarei [Võrguväljaanne]

Kauk-Kuusik, Marit novaator.err.ee 2020 / fot [Tallinna Tehnikaülikooli teadlased löid uue põlvkonna päikesepatarei](https://www.ester.ee/record=b4689398*est)

Temperature-induced changes in crystal lattice of bioaragonite of Tapes decussatus linnaeus (mollusca: Bivalvia)

Nemliher, Jüri; Tõnsuaadu, Kaia; Kallaste, Toivo Journal of thermal analysis and calorimetry 2009 / 1, p. 27-32 : ill

https://www.researchgate.net/publication/243958295_Temperature-induced_changes_in_crystal_lattice_of_bioaragonite_of_Tapes_decussatus_Linnaeus_Mollusca_Bivalvia

Templating effects in the dynamic chemistry of Cucurbiturils and Hemicucurbiturils

Kaabel, Sandra; Aav, Riina Israel journal of chemistry 2018 / p. 296-313 : ill <https://doi.org/10.1002/ijch.201700106> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of S/Se ratio on the properties of Cu₂CdGe(S_xSe_{1-x})₄ microcrystalline powders for photovoltaic applications

Li, Xiaofeng; Pilvet, Maris; Timmo, Kristi; Grossberg, Maarja; Mikli, Valdek; Kauk-Kuusik, Marit Solar energy 2020 / p. 646-652 : ill <https://doi.org/10.1016/j.solener.2020.09.045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The structure of GFR[alfa]1 domain 3 reveals new insights into GDNF binding and RET activation

Leppänen, V.M.; Bespalov, Maxim M.; Runeberg-Roos, Pia; Puurand, Ülo; Merits, Andres; Saarma, Mart; Goldman, A. EMBO journal 2004 / 7, p. 1452-1462 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC391078/>

Влияние природы плавня на морфологию рекристаллизованного порошка

Mellikov, Enn; Hiie, Jaan Полупроводниковые материалы. 3 1976 / с. 119-126 : илл https://www.ester.ee/record=b1403374*est <https://digikogu.taltech.ee/et/Item/5f8fd05c-ff69-4315-9d64-1d9c9611667b>

Исследование кристаллов бинарных молекулярных соединений, образованных водородными связями. III.

Кристаллическая структура е-капролактама

Oja, Holger; Mjasnikova, R. Журнал структурной химии 1974 / с. 679-685 : ил https://www.ester.ee/record=b1255935*est

Исследование кристаллов бинарных молекулярных соединений, образованных водородными связями. II.

Конформация молекул е-капролактама в кристалле его молекулярного соединения С-4-хлоррезцином

Oja, Holger; Mjasnikova, R. Журнал структурной химии 1973 / с. 1094-1097 : ил https://www.ester.ee/record=b1255935*est

Кристаллическая структура молекулярного соединения ϵ -капролактама - 4-Cl-резорцин 2:1

Oja, Holger; Mjasnikova, R. Кристаллография 1974 / с.1170-1178 : таб., ил https://www.ester.ee/record=b2146307*est

Молекулярная и кристаллическая структура N,N'-[(1,3-диоксифенил)-4,6-диметил]-ДИ- ϵ -капролактама

Christjanson, Peep; Oja, Holger; Andrianov, V.; Strutškov, J. Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1982 / с. 282-291: ил https://www.ester.ee/record=b1264984*est