

## 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; Tönsuaadu, 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

## Ferromagnetism in rare earth doped cerium oxide bulk samples

Chandra Dimri, Mukesh; Khanduri, Himani; Kooskora, Helgi; Subbi, Juhan; Heinmaa, Ivo; Mere, Arvo; Krustok, Jüri; Stern, Raivo Physica status solidi (a) 2012 / p. 353-358 : ill <https://onlinelibrary.wiley.com/doi/full/10.1002/pssa.201127403>

## Impact of short-term heat treatment on the structure and functional properties of commercial furcellaran compared to commercial carrageenans

Eha, Kairit; Pehk, Tõnis; Heinmaa, Ivo; Kaleda, Aleksi; Laos, Katrin Heliyon 2021 / art. e06640

<https://doi.org/10.1016/j.heliyon.2021.e06640> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Interaction of point defects with impurities in the Si-SiO<sub>2</sub> system and its influence on the interface properties

Kropman, Daniel; Kärner, Tiit; Dolgov, Sergei; Heinmaa, Ivo; Laas, Tõnu; Londos, C. A. The 9th International Conference on Global Research and Education : August 9-12, 2010, Riga : digest 2010 / p. 231-233  
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## Interaction of point defects with impurities in the Si-SiO<sub>2</sub> system and its influence on the interface properties

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## Interaction of point defects with impurities in the Si-SiO<sub>2</sub> system and its influence on the interface properties

Kropman, Daniel; Kärner, Tiit; Dolgov, Sergei; Heinmaa, Ivo; Laas, Tõnu; Londos, Charalampos Physica status solidi (c) 2011 / p. 694-696 : ill <https://www.sciencedirect.com/science/article/pii/S0040609009014564>

## Magnetic and dielectric studies of multiferroic Y – type hexaferrites

Khanduri, Himani; Chandra Dimri, Mukesh; Kooskora, Helgi; Heinmaa, Ivo; Viola, G.; Ning, H.; Reece, M.; Krustok, Jüri; Stern, Raivo 4th WUN International Conference on Spintronics (WUN-SPIN 2012) : 23–25 July 2012, Sydney, Australia 2012

## Mechanosynthesis of a bifunctional FeNi-N-C oxygen electrocatalyst via facile mixed-phase templating and preheating-pyrolysis

Kosimov, Akmal; Yusibova, Gulnara; Wojsiat, Ivan Tito; Aruväli, Jaan; Käärik, Maike; Leis, Jaan; Paaver, Peeter; Vlassov, Sergei; Kikas, Arvo; Kisand, Vambola; Piirsoo, Helle-Mai; Kukli, Kaupo; Heinmaa, Ivo; Kaljuvee, Tiit; Kongi, Nadezda Journal of Materials Chemistry A 2023 / p. 335 - 342 <https://doi.org/10.1039/d3ta04580c> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Nanodiamond mediated delivery of pyridinium oxime antidotes to central nervous system for potential treatment of exposure to nerve agents

Bondar, Denys; Smirnova, Olga; Nagappa, Nandish M.; Heinmaa, Ivo; Soukup, Ondrej; Kobrlova, Tereza; Opravil, Jakub; Hrabinova, Martina; Jun, Daniel; Starkov, Pavel Chemico-Biological Interactions 2025 / art. 111711  
<https://doi.org/10.1016/j.cbi.2025.111711> <https://www.sciencedirect.com/science/article/abs/pii/S0009279725003412>

## Oxime-functionalized nanodiamonds as a platform for treatment of organophosphate poisoning

Karpichev, Yevgen; Bondar, Denys; Starkov, Pavel; Heinmaa, Ivo Artificial Intelligence for Material Design, Processing and Characterizations November 21 - November 30, 2020 : SYMPOSIUM S.CT01 : abstract book 2020 / S.NM01.10.06, p. 658 [Meeting abstracts](#)

## Room temperature ferromagnetism in Ca and Mg stabilized cubic zirconia bulk samples and their thin films

Chandra Dimri, Mukesh; Khanduri, Himani; Kooskora, Helgi; Kodu, Margus; Jaaniso, Raivo; Heinmaa, Ivo; Mere, Arvo; Krustok, Jüri; Stern, Raivo 4th WUN International Conference on Spintronics (WUN-SPIN 2012) : 23–25 July 2012, Sydney, Australia 2012  
<https://iopscience.iop.org/article/10.1088/0022-3727/45/47/475003>

## Room-temperature ferromagnetism in Ca and Mg stabilized cubic zirconia bulk samples and thin films prepared by pulsed laser deposition

Chandra Dimri, Mukesh; Khanduri, Himani; Kooskora, Helgi; Kodu, Margus; Jaaniso, Raivo; Heinmaa, Ivo; Mere, Arvo; Krustok, Jüri; Stern, Raivo Journal of physics D : applied physics 2012 / p. 475003-1 - 475003-7 : ill  
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## Stress relaxation mechanism by strain in the Si-SiO<sub>2</sub> system and its influence on the interface properties

Kropman, Daniel; Seeman, Viktor; Dolgov, Sergei; Heinmaa, Ivo; Medvid, Artur Physica Status Solidi (C) Current Topics in Solid State Physics 2016 / p. 790 - 792 <https://doi.org/10.1002/pssc.201600051> Journal metrics at Scopus Article at Scopus Article at WOS

**Structural changes of starch during baking and staling of rye bread**

Mihhalevski, Anna; Heinmaa, Ivo; Traksmaa, 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>

**Structural, dielectric, magnetic, and nuclear magnetic resonance studies of multiferroic Y-type hexaferrites**

Khanduri, Himani; Chandra Dimri, Mukesh; Kooskora, Helgi; Heinmaa, Ivo; Viola, G.; Ning, H.; Reece, M.J.; Krustok, Jüri; Stern, Raivo Journal of applied physics 2012 / p. 073903-1 - 073903-7 : ill <https://pubs.aip.org/aip/jap/article/112/7/073903/368621/Structural-dielectric-magnetic-and-nuclear>

**Structural, magnetic and NMR studies of polycrystalline Y-type Hexaferrites**

Khanduri, Himani; Chandra, Mukesh; Kooskora, Helgi; Heinmaa, Ivo; Krustok, Jüri; Stern, Raivo ECerS XII : the 12th Conference of the European Ceramic Society : Stockholm, Sweden, June 19-23, 2011 2011

**The study of rye bread staling**

Mihhalevski, Anna; Paalme, Toomas; Heinmaa, Ivo; Traksmaa, Rainer 7th European Young Cereal Scientists and Technologists Workshop : Kaunas, Lithuania, May 19-21, 2008 : programme and abstract book 2008 / p. 22