

Cyclohexanohemicucurbit[8]uril inclusion complexes with heterocycles and selective extraction of sulfur compounds from water

Shalima, Tatsiana; Mishra, Kamini Atindrakumar; Kaabel, Sandra; Ustrnol, Lukas; Bartkova, Simona; Tõnsuaadu, 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> <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

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Interaction of point defects with impurities in the Si-SiO₂ 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 <https://www.sciencedirect.com/science/article/abs/pii/S0040609009014564>

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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; Hrabínova, 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>

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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

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Stress relaxation mechanism by strain in the Si-SiO₂ system and its influence on the interface properties

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Structural changes of starch during baking and staling of rye bread

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

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