

## A review on the thermal stability of calcium apatites

Tõnsuaadu, Kaia; Gross, Karlis Agris; Pluduma, Liene; Veiderma, Mihkel Journal of thermal analysis and calorimetry 2012 / p. 647-659 : ill <https://ortus.rtu.lv/science/en/publications/14851>

## The absence of active creatine kinase system influences cardiac calcium handling

Laasmaa, Martin; Branovets, Jelena; Karro, Niina; Birkedal Nielsen, Rikke; Vendelin, Marko Biophysical journal 2019 / Poster 484 ; p. 96a <https://doi.org/10.1016/j.bpj.2018.11.558>

## Altered calcium handling in cardiomyocytes from arginine-glycine amidinotransferase-knockout mice is rescued by creatine

Laasmaa, Martin; Branovets, Jelena; Barsunova, Karina; Karro, Niina; Lygate, Craig A.; Birkedal Nielsen, Rikke; Vendelin, Marko American journal of physiology-heart and circulatory physiology 2020 / p. H805-H825 <https://doi.org/10.1152/ajpheart.00300.2020>  
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## Calcium and phosphate induce different vascular calcification

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## Calcium handling in creatine-deficient mouse hearts

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

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

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Pöldme, Juta Tallinna Tehnikaülikooli Toimetised 1994 / lk. 17-23: ill

## Carbonation and leaching behaviors of cement-free monoliths based on high-sulfur fly ashes with the incorporation of amorphous calcium aluminate

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## Cardiac muscle regulatory units are predicted to interact stronger than neighboring cross-bridges

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## Cardiac muscle regulatory units are predicted to interact stronger than neighboring cross-bridges

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Vokk, Raivo; Liebert, Tiiu; Pitsi, Tagli; Ilves Annunziata, Anne-Reet Scandinavian journal of nutrition 2005 / 4, p. 159-164 : ill

## **Covalent modification of calcium hydroxyapatite surface by grafting phenyl phosphonate moieties**

Aissa, Abdallah; Debbabi, Mongi; Gruselle, Michel; Thouvenot, Rene; Gredin, Patrick; Traksmaa, Rainer; Tönsuaadu, Kaia Journal of solid state chemistry 2007 / 8, p. 2273-2278 <https://www.sciencedirect.com/science/article/pii/S0022459607002034>

## **Cutting-edge imaging unravels sex-specific structural variations in the heart**

Vendelin, Marko; Vendelin, Laasmaa, Martin Medical Xpress 2024 <https://medicalxpress.com/news/2024-06-edge-imaging-unravels-sex-specific.html> <https://physoc.onlinelibrary.wiley.com/doi/10.1113/JP284515>

## **Cutting-edge imaging unravels sex-specific structural variations in the heart**

Vendelin, Marko eurekalert.org 2024 <https://www.eurekalert.org/news-releases/1047671> <https://doi.org/10.1113/JP284515>

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## **Dialysis patients survival in HD centres from Belgium, Estonia, Spain, and Sweden—association with BMI and hypocalcemia**

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## Kaltsium

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## Kaltsium

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### Life-long creatine deficiency leads to adaptations in calcium handling but not heart failure

Branovets, Jelena; Laasmaa, Martin; Stolova, Jekaterina; Shen, Xin; Ratsepso, Triinu; Balodis, Mihkel Jaan; Grahv, Carolin; Hendrikson, Eliise; Louch, William Edward; Birkedal, Rikke Biophysical Journal 2024 / p. 458A-459A  
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### Morphology of Y<sub>1</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7</sub> and Y<sub>0,7</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7</sub> bulk samples depending on Ca-substitution

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Bogdanoviciene, Irma; Tönsuadu, Kaia; Mikli, Valdek; Grigoraviciute, I.; Beganskiene, Aldona; Kareiva, Aivaras 9th National Lithuanian Conference "Chemija 2009" : Vilnius, October 16, 2009 : abstracts 2009 / [1] p. : ill

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## The influence of the partial Ca substitution on the microstructure of YBCO tapes

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Gruselle, Michel; Tõnsuaadu, Kaia Current organic chemistry 2017 / p. 688-697 : ill

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