

**A chemoenzymatic approach to the preparation of optically active alpha-bromo-omega-hydroxy aldehyde hemiacetals**  
Parve, Omar; **Vallikivi, Imre**; Lahe, Lilja; Sikk, Peeter; Käämbre, Tuuli; **Lille, Ülo** Proceedings of the Estonian Academy of Sciences. Chemistry 1997 / 4, p. 186-190

**Different kinetics of the regulation of respiration in permeabilized cardiomyocytes and in HL-1 cardiac cells : importance of cell structure/organization for respiration regulation**

**Anmann, Tiia**; Guzun, Rita; Beraud, Nathalie; Pelloux, Sophie; Kuznetsov, Andrey V.; **Kogerman, Lembi**; Käämbre, Tuuli; Sikk, Peeter; Paju, Kalju; Peet, Nadežda; Seppet, Enn; Ojeda, Carlos; Tourneur, Yves; Saks, Valdur Biochimica et biophysica acta 2006 / p. 1597-1606 : ill <https://www.sciencedirect.com/science/article/pii/S0005272806003070>

**Homokiraalsete struktuurilelementide saamine ensümaatilise hüdroolüüsi teel**

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**In situ monitoring of kinetics of metabolic conversion of ATP to ADP catalyzed by MgATPases of muscle Gastrocnemius skinned fibers using micellar electrokinetic chromatography**

**Kulp, Maria**; **Kaljurand, Mihkel**; Käämbre, Tuuli; Sikk, Peeter; Saks, Valdur Electrophoresis 2004 / 17, p. 2996-3002 : ill <https://pubmed.ncbi.nlm.nih.gov/15349940/>

**Lipase action on some non-triglyceride substrates**

**Vallikivi, Imre**; **Lille, Ülo**; **Löökene, Aivar**; **Metsala, Andrus**; Sikk, Peeter; Tõugu, Vello; Vija, Heiki; **Villo, Ly**; **Parve, Omar** Journal of molecular catalysis B : enzymatic 2003 / 5/6, p. 279-298 : ill <https://www.sciencedirect.com/science/article/abs/pii/S1381117703000432>

**Lipase-catalysed enantioselective hydrolysis : interpretation of the kinetic results in terms of frontier orbital localisation**

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**Modeling of the coupled enzyme systems : model of mitochondrial creatine kinase (miCK) and adenine nucleotide translocase (ANT) coupling**

**Vendelin, Marko**; **Anmann, Tiia**; **Käämbre, Tuuli**; Sikk, Peeter; Saks, Valdur Biophysical Society meeting abstracts : Biophysical journal supplement 2007 / p. 660A

**Regulation of mitochondrial respiration by different tubulin isoforms in vivo**

Karu-Varikmaa, Minna; **Saaremäe, Merle**; Sikk, Peeter; Käämbre, Tuuli; **Metsis, Madis**; Saks, Valdur Biophysical journal 2011 / p. 459a