

Aerobic oxidations in asymmetric synthesis : catalytic strategies and recent developments

Kananovich, Dzmitry; Elek, Gabor Zoltan; Lopp, Margus; Borovkov, Victor *Frontiers in chemistry* 2021 / art. 614944
<https://doi.org/10.3389/fchem.2021.614944> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calculation of hydration enthalpies of aqueous transition metal cations using two coordination shells and central ion substitution

Uudsemaa, Merle; Tamm, Toomas *Chemical physics letters* 2004 / 1/3, lk. 54-58 : ill
<https://www.sciencedirect.com/science/article/abs/pii/S0009261404016781>

Density-functional theory calculations of aqueous redox potentials of fourth-period transition metals

Uudsemaa, Merle; Tamm, Toomas *Journal of physical chemistry A* 2003 / p. 9997-10003 : ill
<https://pubs.acs.org/doi/10.1021/jp0362741>

The effect of niobium on the microstructure evolution of ferritic stainless steel matrix cermets

Kolnes, Märt; Juhani, Kristjan; Kübarsepp, Jakob; Viljus, Mart *Modern materials and manufacturing* 2023 2024 / art. 040011
<https://doi.org/10.1063/5.0190158> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Growth and optical properties of two-dimensional transition metal dichalcogenides = Kahedimensionaalsete siirdemetallide dikalkogeniidide kasvatus ning optiliste omaduste uurimine

Kaupmees, Reelika 2021 <https://digikogu.taltech.ee/et/Item/72b400aa-c5da-4db6-8cb0-acce54153e2a>
https://www.ester.ee/record=b5429502*est <https://doi.org/10.23658/taltech.25/2021>

Modified calcium apatites as new catalysts in organic synthesis

Tõnsuaadu, Kaia; Gruselle, Michel; Moussa, Jamal; Villemin, Didier; Maaten, Birgit; Kanger, Tõnis *International Symposium on Inorganic and Environmental Materials* 2013 : program and abstracts, October 27-31, 2013, Rennes, France 2013 / p. 277

Quantum-chemical modeling of solvated first row transition metal ions = Solvateeritud üleminekumetalli-ioonide kvantkeemiline modelleerimine

Uudsemaa, Merle 2006 https://www.ester.ee/record=b2146117*est