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Zentralblatt MATH 2018 / [2] p <https://zbmath.org/?q=1397.20073>

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>

Formulation and aerosol jet printing of nickel nanoparticle ink for high-temperature microelectronic applications and patterned graphene growth

McKibben, Nicholas; Curtis, Michael; Maryon, Olivia; Sawyer, Mone't; **Lazouskaya, Maryna**; Eixenberger, Josh; Deng, Zhangxian; Estrada, David ACS Applied Electronic Materials 2024 / p. 748 - 760 <https://doi.org/10.1021/acsaelm.3c01175> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Glutatiooni analoogide mõju raku redokstsükli ensüümide aktiivsusele

Mahlapuu, Riina; **Vaher, Merike**; Ida, Katrin; Soomets, Urjel XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 52

Investigation of properties and reaction mechanisms of redox-active proteins by ESI MS = Redoks-aktiivsete valkude omaduste ja reaktsioonimehhanismide uurimine ESI-MS abil

Smirnova, Julia 2013 https://www.eester.ee/record=b2965120*est

Lipoic acid ameliorates consequences of copper overload by upregulating selenoproteins and decreasing redox misbalance : poster presentations

Kabin, Ekaterina; Dong, Yixuan; Summers, Kelly; Yang, Haojun; Dev, Som; Wang, Yu; Devenney, Benjamin; Roy, Shubhrajit; **Palumaa, Peep**; Lutsenko, Svetlana Acta physiologica 2023 / art. e14044 <https://doi.org/10.1111/apha.14044>

Mitochondrial copper(I) transfer from Cox17 to Sco1 is coupled to electron transfer

Banci, Lucia; Bertini, Ivano; Ciofi-Baffoni, Simone; Hadjiloi, Theodoros; Martinelli, Manuele; **Palumaa, Peep** PNAS 2008 / 19, p. 6803-6808 : ill <https://pubmed.ncbi.nlm.nih.gov/18458339/>

Modulation of redox switches of copper chaperone Cox17 by Xn(II) ions determined by new ESI MS-based approach

Zovo, Kairit; Palumaa, Peep Antioxidants & redox signaling 2009 / 5, p. 985-995 <https://pubmed.ncbi.nlm.nih.gov/19018666/>

Oxidative switches in functioning of mammalian copper chaperone Cox17

Voronova, Anastassia; Meyer-Klaucke, Wolfram; Meyer, Thomas; Rompel, Anette; Krebs, Bernt; **Kazantseva, Jekaterina**; **Sillard, Rannar; Palumaa, Peep** Biochemical journal 2007 / p. 139-148 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2049083/>

Redox and metal ion binding properties of human insulin-like growth factor 1 determined by electrospray ionization mass spectrometry

Smirnova, Julia; Muhhina, Jekaterina; Tõugu, Vello; Palumaa, Peep Biochemistry 2012 / p. 5851-5859 : ill <https://pubs.acs.org/doi/10.1021/bi300494s>

Redox potentials from DFT calculations

Uudsemaa, Merle; Tamm, Toomas XIIth International Congress of Quantum Chemistry : May 21-26, 2006, Kyoto, Japan : program and abstract 2006 / p. B075

Solar energy harvesting through photovoltaic and photoelectrochemical means from appositely prepared CuInGaSe₂ absorbers on flexible substrates by a low-cost and industrially benign pulse electrodeposition technique

Mandati, Sreekanth; Misra, Prashant; Boosagulla, Divya; Tata, Narasinga Rao; Bulusu, Sarada V. Industrial and engineering chemistry research 2021 / p. 2197-2205 <https://doi.org/10.1021/acs.iecr.0c05934>