A simplified open-shell solvation model
Uudsemaa, Merle; **Tamm, Toomas** XIth International Congress of Quantum Chemistry : July 20-26, 2003, Germany : program and abstracts 2003 / p. A51

Acid/base properties of some conformationally flexible organocatalysts
Uudsemaa, Merle; **Kanger, Tõnis**; **Tamm, Toomas** 13th ICQC International Congress of Quantum Chemistry : June 22-27, 2009, Helsinki, Finland : abstracts and program 2009 / p. 168

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

Calculations of hydrated titanium ion complexes : structure and influence of the first two coordination spheres
Uudsemaa, Merle; **Tamm, Toomas** Chemical physics letters 2001 / p. 667-672
https://www.sciencedirect.com/science/article/pii/S0009261401006170

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

Enantioselective organocatalytic Michael addition of aldehydes to [beta]-nitrostyrenes
Laars, Marju; **Ausmees, Kerti**; **Uudsemaa, Merle**; **Tamm, Toomas**; **Kanger, Tõnis**; **Lopp, Margus** The journal of organic chemistry 2009 / p. 3772-3775 https://pubs.acs.org/doi/full/10.1021/jo900322h

Energetics of solvated transition metal complexes
Tamm, Toomas; **Uudsemaa, Merle** Xth International Congress of Quantum Chemistry : June 5-10, 2000, Menton France 2000 / p. B76

Hydration enthalpies and redox potentials from DFT calculations
Uudsemaa, Merle; **Tamm, Toomas** Exploring Modern Computational Chemistry 2002 / ? p

Inclusion of additional coordination sphere into cluster-model redox potential calculations
Uudsemaa, Merle; **Tamm, Toomas** AIP conference proceedings 2007 / 2, p. 495-499
https://ui.adsabs.harvard.edu/abs/2007AIPC..963..495U/abstract

Influence of protonation upon the conformations of bipiperidine, bimorpholine, and their derivates
Uudsemaa, Merle; **Laars, Marju**; **Kriis, Kadri**; **Tamm, Toomas**; **Lopp, Margus**; **Kanger, Tõnis** Chemical physics letters 2009 / 1/3, p. 92-96 https://www.sciencedirect.com/science/article/abs/pii/S0009261409001857

Large azobenzene acrocycles : formation and detection by NMR and MS methods
Roithmeyer, Helena; **Uudsemaa, Merle**; Trummal, Aleksander; **Brük, Mari-Liis**; Krämer, Sebastian; **Reile, Indrek**; Rjabovs, Vitalijs; Palmi, Kirsti; **Rammo, Matt**; **Aav, Riina**; Kalenius, Elina; Adamson, Jasper Supramolecular Chemistry 2022 / p. 77-86
https://doi.org/10.1080/10610278.2023.2230334 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Matemaatika-loodusteaduskond : [tutvustus]
Anderson, Wally; **Uudsemaa, Merle** Mente et Manu 2005 / Uudistaja, lk. 6 : fot https://www.ester.ee/record=b1242496*est

pKa calculation for monoprotonated bipiperidine, bimorpholine and their derivates in H2O and MeCN
Uudsemaa, Merle; **Kanger, Tõnis**; **Lopp, Margus**; **Tamm, Toomas** Chemical physics letters 2010 / p. 83-86
https://www.sciencedirect.com/science/article/pii/S000926140901519X

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

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

Spin state of Co2+, Co3+ and Ni3+ ions on solution
Uudsemaa, Merle; **Tamm, Toomas** 11th International Conference on the Applications of Density Functional Theory in Chemistry and Physics 2005 / p. P225

Titaani akvakomplekside kvantkeemilised arvutused
Uudsemaa, Merle; **Tamm, Toomas** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian

Chemistry Days : abstracts of scientific conference 2000 / lk. 150

Two-photon voltmeter for measuring a molecular electric field
Rebane, Aleksander; Wicks, Geoffrey; Drobizhev, Mikhail; Cooper, Thomas; Trummal, Aleksander; **Uudsemaa, Merle** Angewandte Chemie - International Edition 2015 / p. 7582 - 7586 https://doi.org/10.1002/anie.201502157 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS