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

Absorption of water in hydroxyapatites
Tamm, Toomas; **Peld, Merike** 11th International Conference on the Applications of Density Functional Theory in Chemistry and Physics 2005 / p. P247

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

Adsorption of neopentane on Pt(111) and its hydrogenolysis
Laane, Kaie; **Tamm, Toomas** XIth International Congress of Quantum Chemistry : July 20-26, 2003, Germany : program and abstracts 2003 / p. C44

Agricultural run-off management land report of Estonia : final report 1994-1997
Loigu, Enn; Kuldkepp, Paul; **Iital, Arvo**; Bogun, Gennadi; **Tamm, Toomas**; Raia, Tiiu; Gutmann, Enn; Carlson, Göran 1997
https://www.ester.ee/record=b4284537*est

Asymmetric addition to aromatic unsaturated 1,4-diketones catalyzed by chichona alkaloid derivatives
Žari, Sergei; **Kudrjašova, Marina**; **Öeren, Mario**; **Tamm, Toomas**; **Lopp, Margus**; **Kanger, Tõnis** BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 207

Calculated tautomeric equilibria and X-ray structures of 2-substituted N-methoxy-9-methyl-9H-purin-6-amines
Gundersen, Lise-Lotte; Görbitz, Carl Henrik; **Neier, Liina**; Roggen, Heidi; **Tamm, Toomas** Theoretical chemistry accounts 2011 / p. 349-359

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 for XeOn (n=2-4) : could the xenon dioxide molecule exist?
Tamm, Toomas; Pyykkö, Pekka Journal of physical chemistry A 2000 / p. 3826-3828

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

Calculations on indium and thallium cyclopentadienyls. Metal-metal interactions and possible new species
Pyykkö, Pekka; Straka, Michal; **Tamm, Toomas** Physical chemistry chemical physic 1999 / p. 3441-3444: ill

Computational and ion mobility MS study of (all-S)-cyclohexylhemicucurbit[6]uril structure and complexes
Öeren, Mario; **Shmatova, Elena**; **Tamm, Toomas**; **Aav, Riina** Physical chemistry chemical physics 2014 / p. 19198-19205 : ill

Computational study of cation substitutions in apatites
Tamm, Toomas; **Peld, Merike** Journal of solid state chemistry 2006 / p. 1581-1587

Computational study of cyclohexylhemicucurbiturils = Tsükloheksüülhemikukurbituriilide arvutuskeemiline modelleerimine
Öeren, Mario 2015 https://www.ester.ee/record=b4522693*est

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

Effect of new superhard phases formation on properties of composite processed by SHS
Kommel, Lembit; **Tamm, Toomas**; **Metsvahi, Raido** Engineering materials and tribology 2013 / p. 137-142

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

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

Faculty of Science : [Tallinn University of Technology]
2012 https://www.ester.ee/record=b2890162*est

Formation and trapping of the thermodynamically unfavoured inverted-hemicucurbit[6]uril
Prigorchenko, Elena; **Kaabel, Sandra**; **Narva, Triin**; **Baškir, Anastassia**; **Fomitšenko, Maria**; Adamson, Jasper; **Järving, Ivar**; Rissanen, Kari; **Tamm, Toomas**; **Aav, Riina** Chemical communications 2019 / p. 9307−9310 : ill https://doi.org/10.1039/C9CC04990H Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Halogen and chalcogen polyhydrides
Luts, Hanna-Eliisa; **Tamm, Toomas** ICQC 2023 : International Congress of Quantum Chemistry : Book of Abstracts 2023 / p. PB48 https://icqc2023.org/wp-content/uploads/BOA-27-6-v1.pdf

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

Interactions of medical drugs with DNA nucleobases and base pairs
Tamm, Toomas; Öztürk, Isilay; Kinal, Armagan ICQC 2023 : International Congress of Quantum Chemistry : Book of Abstracts 2023 / art. PC112/503 https://icqc2023.org/wp-content/uploads/BOA-27-6-v1.pdf

Inter-ion interactions in substituted apatites
Tamm, Toomas; **Peld, Merike** XIIth International Congress of Quantum Chemistry : May 21-26, 2006, Kyoto, Japan : program and abstract 2006 / p. B064

Ion exchange and water absorption in fluoro- and hydroxyapatites
Tamm, Toomas EURESCO Conferences : a program of the European Science Foundation : Sant Feliu de Guixols (Spain), September 4-9, 2004 : Inorganic Chemistry EuroConference on New Theoretical and Spectroscopical Approaches to Inorganic Chemistry problems 2004 / p. 83

ISI Web of Knowledge
Nurmiste, Taimi; **Tamm, Toomas** Mente et Manu 2002 / 19. nov., lk. 3, 4 https://artiklid.elnet.ee/record=b1551813*est

Isomers and conformers of complexes of Ti(OiPr)4 with cuclopentane-1,2-dione : NMR study and DFT calculations
Osadchuk, Irina; **Pehk, Tõnis**; **Paju, Anne**; **Lopp, Margus**; **Öeren, Mario**; **Tamm, Toomas** International journal of quantum chemistry 2014 / p. 1012-1018 : ill

Keemiaharidus Tallinna Tehnikaülikoolist
Tamm, Toomas 1999

Kinnisvarabüroo või õppeasutus? : [TTÜs on esikohal majandus- ja kinnisvarategevus, mitte õppetöö ega õppejõud : võrdlusi TÜga]
Tamm, Toomas Mente et Manu 2001 / 30. okt., lk. 3. (Versus) https://www.ester.ee/record=b1242496*est

Linearization of moment tensor potentials
Lomaka, Andre; **Tamm, Toomas** 10th Congress of the International Society of Theoretical Chemical Physics, Tromsø, 11-17 July 2019 : ISTCP-X : book of abstracts 2019 / Poster: P1-61 http://istcp-2019.org/assets/pdf/BookOfAbstracts.pdf

Linearization of moment tensor potentials for multicomponent systems with a preliminary assessment for short-range interaction energy in water dimer and trimer
Lomaka, Andre; **Tamm, Toomas** The Journal of chemical physics 2020 / art. 164115, 8 p. : ill https://doi.org/10.1063/5.0007473 Journal metrics at Scopus Journal metrics at WOS Article at WOS

Modeling of asymmetric epoxidation of cyclopentadiones
Laane, Kaie; **Tamm, Toomas** XIIth International Congress of Quantum Chemistry : May 21-26, 2006, Kyoto, Japan : program and abstract 2006 / p. C045

Molekulide XeOn (n2-4) arvutused : kas ksenoonidioksiidi molekul võiks eksisteerida? = Calculations for XeOn (n=2-4):

could the xenon dioxide molecule exist?
Tamm, Toomas; Pyykkö, P. XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 166

New substrates for sharpless epoxidation : a computational study
Tamm, Toomas; **Laane, Kaie** 6th World Congress of Theoretically Oriented Chemists, Lugano, 2002 2002 / p. 215

Organocatalytic asymmetric addition of malonates to unsaturated 1,4-diketones
Žari, Sergei; **Kailas, Tiiu**; **Kudrjašova, Marina**; **Öeren, Mario**; **Järving, Ivar**; **Tamm, Toomas**; **Lopp, Margus**; **Kanger, Tõnis** Beilstein journal of organic chemistry 2012 / p. 1452-1457 : ill https://pubmed.ncbi.nlm.nih.gov/23019480/

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

Possible high-pressure structures of sulfur trioxide
Tamm, Toomas; Pyykkö, Pekka Chemical communications 2002 / p. 336-337 : ill

Prediction and assignment of coupling constants of diastereomeric cyclopentane derivatives
Aav, Riina; **Pehk, Tõnis**; **Tamp, Sven**; **Tamm, Toomas**; **Kudrjašova, Marina**; **Parve, Omar**; **Lopp, Margus** Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 2010 / p. 47

Pöördumine Haridus- ja Teadusministri ning Riigikogu kultuurikomisjoni esimehe poole : [doktorikoolide probleemist]
Arro, Ilmar; **Kaljurand, Mihkel**; **Kallavus, Urve**; **Kübarsepp, Jakob**; **Lille, Ülo**; **Lopp, Margus**; **Mellikov, Enn**; **Min, Mart**; **Rang, Toomas**; **Rüstern, Ennu**; **Taklaja, Andres**; **Tamm, Toomas**; **Tammet, Tanel**; **Tepandi, Jaak**; **Ubar, Raimund-Johannes**; **Öpik, Andres** Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 430-431

Pöördumine Haridus- ja Teadusministri ning Riigikogu kultuurikomisjoni esimehe poole : [doktorikoolide probleemist]
Arro, Ilmar; **Kaljurand, Mihkel**; **Kallavus, Urve**; **Kübarsepp, Jakob**; **Lille, Ülo**; **Lopp, Margus**; **Mellikov, Enn**; **Min, Mart**; **Rang, Toomas**; **Rüstern, Ennu**; **Taklaja, Andres**; **Tamm, Toomas**; **Tammet, Tanel**; **Tepandi, Jaak**; **Ubar, Raimund-Johannes**; **Öpik, Andres** Mente et Manu 2005 / 18. mai. lk. 1 https://www.ester.ee/record=b1242496*est

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

Reduced state of iridium PCP pincer complexes in electrochemical CO2 hydrogenation
Osadchuk, Irina; **Tamm, Toomas**; Ahlquist, Marten S. G. ACS catalysis 2016 / p. 3834-3839 : ill
http://dx.doi.org/10.1021/acscatal.6b01233

Role of hydrogen bonds in asymmetric epoxidation
Tamm, Toomas XIth International Congress of Quantum Chemistry : July 20-26, 2003, Germany : program and abstracts 2003 / p. C56

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

Stability and conformation of polycopper-thiolate clusters studied by density functional approach
Ahte, Priit; **Palumaa, Peep**; **Tamm, Toomas** Journal of physical chemistry A 2009 / 32, p. 9157-9164 : ill

Structure and stability of gold-substituted diborane, boranes and borohydride ions
Tamm, Toomas; Pyykkö, P. 5-th World Congress of Theoretically Oriented Chemists : London, 1-6 August, 1999 : book of abstracts 1999 / p. P118

Structure and stability of gold-substituted diborane, boranes, and borohydride ions
Tamm, Toomas; Pyykkö, Pekka Theoretical chemistry accounts 2000 / p. 399-408
https://link.springer.com/article/10.1007/s002149900063

Structures and catalytic properties of titanium and iridium based complexes = Titaani ja iriidiumi komplekside struktuur ja katalüütilised omadused
Osadchuk, Irina 2017 https://digi.lib.ttu.ee/i/?7624

Synthesis of superhard lightweight composites and improvement of their properties via chemical processing
Kommel, Lembit; **Tamm, Toomas**; **Metsvahi, Raido**; Nokkur, Kadri Frontiers in materials processing, applications, research and technology : select proceedings of FiMPART 2015 2018 / p. 53-61 : ill https://doi.org/10.1007/978-981-10-4819-7_6 http://www.ester.ee/record=b4762647*est

Synthesis, EPR and DFT calculations of rare Ag(II)porphyrins and the crystal structure of [Zn(II)tetrakis(4-bromo-2-thiophene)porphyrin]
Ghazzali, Mohamed; Abu-Youssef, Morsy; Larsson, Krister; Hansson, Örjan; Amer, Adel; **Tamm, Toomas**; Öhström, Lars Inorganic chemistry communications 2008 / 9, p. 1019-1022 : ill

Template-controlled synthesis of chiral cyclohexylhemicucurbit[8]uril
Prigorchenko, Elena; **Öeren, Mario**; **Kaabel, Sandra**; **Fomitšenko, Maria**; Reile, Indrek; **Järving, Ivar**; **Tamm, Toomas**; Topic, Filip; Rissanen, Kari; **Aav, Riina** Chemical communications 2015 / p. 10921-10924 : ill http://dx.doi.org/10.1039/c5cc04101e

Theoretical investigation of a parallel catalytic cycle in CO_2 hydrogenation by (PNP)IrH_3
Osadchuk, Irina; **Tamm, Toomas**; Ahlquist, Marten S. G. Organometallics 2015 / p. 4932-4940 : ill http://dx.doi.org/10.1021/acs.organomet.5b00448

Theoretical prediction and assignment of vicinal 1H–1H coupling constants of diastereomeric 3-alkoxy-6,7-epoxy-2-oxabicyclo[3.3.0]octanes
Aav, Riina; Pehk, Tõnis; **Tamp, Sven**; **Tamm, Toomas**; **Kudrjašova, Marina**; **Parve, Omar**; **Lopp, Margus** Magnetic resonance in chemistry 2011 / p. 76-82 : ill

Theoretical study of adsorption of neopentne on the Pt(111) surface
Laane, Kaie; **Tamm, Toomas** 11th International Conference on the Applications of Density Functional Theory in Chemistry and Physics 2005 / p. P249

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

Titaan-tsüklopentaandiooni-komplekside modell[e]erimine
Osadchuk, Irina; **Tamm, Toomas** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 69 : ill

Tsükloheksanopoolkukurbituriilide moodustumise mehhanism
Narva, Triin; **Aav, Riina**; **Tamm, Toomas** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 30 https://www.ester.ee/record=b1580289*est

2-Substituted agelasine analogs : Synthesis and biological activity, and structure and reactivity of synthetic intermediates
Roggen, Heidi; Bohlin, Lars; Burman, Robert; Charnock, Colin; Felth, Jenny; Görbitz, Carl Henrik; Larsson, Rolf; **Tamm, Toomas**; Gundersen, Lise-Lotte Pure and applied chemistry 2011 / p. 645-653

Valesti äravisatud patareid ohustavad kõiki. Need võivad süttida, plahvatada ja mürgitada
Kontro, Kristin Eesti Päevaleht 2023 / Lk. 18-19 https://dea.digar.ee/article/eestipaevaleht/2023/01/04/19.3 Valesti äravisatud patareid ohustavad kõiki. Need võivad süttida, plahvatada ja mürgitada