

A study of the interaction of sulphur dioxide with natural phosphates

Põldme, Meeme; Põldme, Juta Thermal analysis : proceedings of the Sixth International Conference on Thermal Analysis, Bayreuth, Federal Republic of Germany, July 6-12, 1980 1980 / p. 148

ABB YuMi high-speed pick and place game in action

Zahavi, Ali; Al Afrange, Fadi; Najafi Haeri, Shahriar; Ajeevan, Udith; **Chamara Liyanage, Dhanushka** Proceedings of the 29th International DAAAM Symposium "Intelligent Manufacturing & Automation" : 24-27th October 2018, Zadar, Croatia 2018 / p. 1216-1221 : ill <https://doi.org/10.2507/29th.daaam.proceedings.176>

Abiotic stress responses and microbe-mediated mitigation in plants: The omics strategies

Meena, Kamlesh K.; Sorty, Ajay M.; Bitla, Utkarsh M.; Choudhary, Khushboo; Gupta, Priyanka; Pareek, Ashwani; Singh, Dhananjaya P.; Prabha, Ratna; Sahu, Pramod K.; **Gupta, Vijai Kumar** Frontiers in plant science 2017 / art. 172, 25 p. : ill <https://doi.org/10.3389/fpls.2017.00172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Adhesion of single-walled carbon nanotube thin films with different materials

Rajanna, Pramod M.; Luchkin, Sergey; Larionov, Konstantin; Grebenko, Artem; Popov, Zakhar; Sorokin, Pavel; **Danilson, Mati; Bereznev, Sergei;** Lund, Peter D.; Nasibulin, Albert The journal of physical chemistry letters 2020 / p. 504-509 <https://doi.org/10.1021/acs.jpclett.9b03552> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Air pocket dynamics under bridging of stratified flow during rapid filling of a horizontal pipe

Kaur, Katrin; Laanearu, Janek; Annus, Ivar Journal of hydraulic engineering 2023 / art. 04022030, 11 p. : ill [https://doi.org/10.1061/\(ASCE\)HY.1943-7900.0002021](https://doi.org/10.1061/(ASCE)HY.1943-7900.0002021) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Algebraic and coalgebraic perspectives on interaction laws

Uustalu, Tarmo; Voorneveld, Niels Programming Languages and Systems : 18th Asian Symposium, APLAS 2020, Fukuoka, Japan, November 30 – December 2, 2020 : proceedings 2020 / p. 186-205 https://doi.org/10.1007/978-3-030-64437-6_10 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

An investigation of noncovalently bound supramolecular systems through case studies of oxacalixarenes and iodo-triazoles = Mittekovaalentsete sidemete abil moodustunud supramolekulaarseste süsteemide uurimine oksaliksaareenide ja jodotriasoolide näitel

Cowart, Anna 2021 <https://digikogu.taltech.ee/et/Item/2f3f9906-0db8-427d-9d88-165f09e3d7da> https://www.ester.ee/record=b5415281*est <https://doi.org/10.23658/taltech.18/2021>

Applications of soliton interactions in rouge wave theory and in understanding the impact of vessel wakes

Soomere, Tarmo International Conference on Complexity of Nonlinear Waves : October 5-7, 2009 : book of abstracts 2009 / p. 34

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

Capillary electrophoresis frontal analysis for the study of flavonoid interactions with human serum albumin

Knjazeva, Tatjana; Kaljurand, Mihkel Analytical and bioanalytical chemistry 2010 / 6, p. 2211-2219

Challenges in mechanistic investigation of a flexible aminocatalyst as demonstrated through enamine formation

Osadchuk, Irina; Kanger, Tõnis ChemistryOpen 2025 / art. 2500116 <https://doi.org/10.1002/open.202500116> <https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/open.202500116>

Chemical interaction of copper sulfate with calcium dihydrophosphate

Viisimaa, Ludmilla; Vilbok, Heinrich Phosphorus, sulfur and silicon and the related elements 1990 / p. 446

Chemical interaction of copper sulfate with calcium dihydrophosphate

Viisimaa, Ludmilla; Vilbok, Heinrich XI. International Conference on Phosphorus Chemistry, Tallinn, USSR July 3-7, 1989 : abstracts of posters. II 1989 / [p. 93] https://www.ester.ee/record=b1209881*est

Comparison of humic acid and metal salt interactions in capillary electrophoresis

Übner, Monika; Kaljurand, Mihkel; Lopp, Margus From Molecular Understanding to Innovative Applications of Humic Substances : proceedings of the 14th International Meeting of the International Humic Substances Society : September 14-19, 2008, Moscow-Saint Petersburg, Russia. Volume 1 2008 / p. 133-136 : ill

Complex systems informatics and modeling quarterly

2023 <https://csimq-journals.rtu.lv/issue/view/299>

Complexes of HXeY with HX (Y, X = F, Cl, Br, I) : symmetry-adapted perturbation theory study and anharmonic vibrational analysis

Dzieciol, Bartosz; **Osadchuk, Irina**; Cukras, Janusz; Lundell, Jan *Molecules* 2023 / art. 5148 <https://doi.org/10.3390/molecules28135148>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Complexity in engineering and natural sciences

Engelbrecht, Jüri *Proceedings of the Estonian Academy of Sciences* 2015 / p. 249-255 https://artiklid.elnet.ee/record=b2740532*est
<https://doi.org/10.3176/proc.2015.3.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Computational study of cesium cation interactions with neutral and anionic compounds related to soil organic matter

Burk, Peeter; **Tammiku-Taul, Jaana**; **Tamp, Sven**; Sikk, Lauri; Sillar, Kaido; Mayeux, Charly; Gal, Jean-Francois; Maria, Pierre-Charles *Journal of physical chemistry A* 2009 / 40, p. 10734-10744 : ill

Computational study of cyclohexylhemicucurbiturils = Tsükloheksüülhemikukurbituriilide arvutuskeemiline modelleerimine

Öeren, Mario 2015 https://www.ester.ee/record=b4522693*est

Criteria for modelling wave phenomena in complex systems : the case of signals in nerves

Engelbrecht, Jüri; **Tamm, Kert**; **Peets, Tanel** *Proceedings of the Estonian Academy of Sciences* 2019 / p. 276–283 : ill
<https://doi.org/10.3176/proc.2019.3.05> http://www.kirj.ee/public/proceedings_pdf/2019/issue_3/proc-2019-3-276-283.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dependence of the interaction of Furcellaran between the globular proteins bovine serum albumin and [beeta]-lactoglobulin on pH

Laos, Katrin; Brownsey, Geoffrey J.; Ring, Stephen G. *Proceedings of 4th International Congress on Food Technology*. Volume 1 2005 / p. 337-346 : ill

A DFT study of an organocatalytic enantioselective Mannich reaction under the sway of noncovalent interactions

Metsala, Andrus; **Kriis, Kadri**; **Kanger, Tõnis** *Journal of computational chemistry* 2025 / art. e70159 <https://doi.org/10.1002/jcc.70159>

DFT study of the cesium cation containing complexes relevant to the cesium cation binding by the humic acids = DFT arvutus Cs katiooni interaktsioonidest humiiniühenditega orgaaniliste mudelühendite baasil

Tamp, Sven 2007 https://www.ester.ee/record=b2269605*est

A Dual-arm robot for collaborative vision-based object classification

Zahavi, Ali; **Najafi Haeri, Shahriar**; **Chamara Liyanage, Dhanushka**; **Tamre, Mart** 2020 17th Biennial Baltic electronics conference, Tallinn, Estonia, October 6-8, 2020 : proceedings 2020 <https://doi.org/10.1109/BEC49624.2020.9277067>

"Dynamical" non-minimal higher-spin interaction and gyromagnetic ratio $g=2$

Ots, Ilmar; Saar, Rein; **Loide, Rein-Karl**; Liivat, H. *Europhysics letters* 2001 / p. 367-371
<https://iopscience.iop.org/article/10.1209/epl/i2001-00528-3>

"Dynamical" Poincare algebra and higher-spin interaction theory

Loide, Rein-Karl; Saar, R.; Ots, I.; Tammelo, R. *Proceedings of the Sixth International Wigner Symposium*. 1 2002 / p. 199-266

Dynamical Poincare algebras and higher spin interaction theory

Saar, R.; Ots, I.; **Loide, Rein-Karl**; Vili, R. *Hadronic journal* 1997 / p. 559-574

Electromagnetic radiation interaction with human being

Riipulk, Jevgeni; **Hinrikus, Hiie** 10th Nordic-Baltic Conference on Biomedical Engineering. Satellite Symposium on Bioelectromagnetic and Biomechanic Measurements, June 13-15, 1996, Tallinn, Estonia 1996 / p. 14-19

Error estimation of Navier-Stokes computations based on superconvergent patch recovery

Okstad, Knut Morten; Kvamsdal, Trond Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 155-158: ill

Evaluation of virtual reality interface interaction methods for digital twin industrial robot programming and control, a pilot study

Pizzagalli, Simone Luca; **Kuts, Vladimir**; **Bondarenko, Yevhen**; **Otto, Tauno** *Proceedings of the ASME 2021 International Mechanical Engineering Congress and Exposition 2021* / paper no: IMECE2021-69408, 9 p <https://doi.org/10.1115/IMECE2021-69408>

Expression and sequence homology of GDNF family receptors suggest roles in cell-cell interactions

Airaksinen, Matti S.; Suvanto, P.; Moshnyakov, M.; **Saarma, Mart** *The Third International Meeting : Hirschsprung Disease and Related Neurochristopathies, Evian, February 5-8, 1998* 1998 / p. 7

Extended Reality for I5.0 : towards human centricity in human-robot interaction = Laiendatud reaalsus Tööstus 5.0 jaoks : inimesekeskse lähenemiseni inimese-roboti suhtluses

Pizzagalli, Simone Luca 2024 https://www.ester.ee/record=b5694235*est <https://digikogu.taltech.ee/et/Item/c2c7e80f-6a3c-49fc-8311-6b8f13e75270> <https://doi.org/10.23658/taltech.42/2024>

Extracellular acidification : a novel detection system for ligand/receptor interactions. Demonstration with bioactive peptides and CHO or pancreatic beta cells, but of possible interest for tracing putative receptors in ethanol metabolism

Bonetto, V.; Eriste, Elo; **Metsis, Madis**; Sillard, Rannar *Advances in experimental medicine & biology* 1999 / p. 351-358
https://link.springer.com/chapter/10.1007/978-1-4615-4735-8_43

Fatty acids bind tightly to the N-terminal domain of angiopoietin-like protein 4 and modulate its interaction with lipoprotein lipase

Robal, Terje; Larsson, Mikael; **Martin, Miina**; Olivecrona, Gunilla; **Lõokene, Aivar** *The journal of biological chemistry* 2012 / p. 29739-29752 : ill <https://pubmed.ncbi.nlm.nih.gov/22773878/>

Flow past a fixed circular cylinder : a benchmark test

Okstad, Knut Morten; Mathisen, Kjell Magne Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 152-154: ill

Fluid-structure interaction and sound radiation by thin-walled structures in fluid half-space

Ross, Urmas NSCM VII : Seventh Nordic Seminar on Computational Mechanics, Trondheim, October 4-5, 1994 : abstracts / Nordic Association for Computational Mechanics 1994 / p. 104-107: ill

Friends or enemies? Unraveling niche-regime interactions in grassroots digital innovations

Gerli, Paolo; **Mora, Luca**; Zhang, Jun; Sancino, Alessandro *Technological forecasting and social change* 2024 / art. 123342, 14 p. : ill
<https://doi.org/10.1016/j.techfore.2024.123342> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hull-superstructure interaction in optimised passenger ships

Romanoff, Jani; Remes, Heikki; Bralic, Svemir; **Naar, Hendrik**; Niemelä, Ari; Jelovica, Jasmin; Klanac, Alan; Varsta, Petri *Ships and offshore structures* 2012 / [9] p.: ill <https://www.tandfonline.com/doi/full/10.1080/17445302.2012.675196>

Human superoxide dismutase 1 (hSOD1) maturation through interaction with human copper chaperone for SOD1 (hCCS)

Banci, Lucia; Bertini, Ivano; Cantini, Francesca; Kozyreva, Tatiana; Massagni, Chiara; **Palumaa, Peep**; Rubino, Jeffrey; **Zovo, Kairit** *Proceedings of the National Academy of Sciences* 2012 / p. 13555-13560
https://www.researchgate.net/publication/230624025_Human_superoxide_dismutase_1_hSOD1_maturation_through_interaction_with_human_copper_chaperone_for_SOD1_hCCS

Human-robot interaction learning using timed automata

Vain, Jüri; Miyawaki, Fujio; **Nõmm, Sven**; Totskaya, Tatiana; **Anier, Aivo** ICCAS-SICE 2009 : ICROS-SICE International Joint Conference 2009 : Fukuoka City, Japan, August 18-21, 2009 : final program and papers 2009 / p. 2037-2043
<https://ieeexplore.ieee.org/document/5334368>

Interaction analysis in multivariable control system design

Jaaksoo, Ülo Preprints the 2nd IFAC/IFIP Symposium on Software for Computer Control, SOCOCO, Prague, Czechoslovakia, June 11-15, 1979 [In 2 vol.] 1979 / p. 22 https://www.ester.ee/record=b2041567*est

Interaction between cable structures and their supporting system

Kulbach, Valdek; Idnurm, Juhan 7th EUROMECH Solid Mechanics Conference : 7-11 September 2009, Lisbon 2009 / p. 241-242

Interaction in electrical equipment. Part II

Järvik, Jaan *Journal of international scientific publications : materials, methods & technologies* 2010 / 2, p. 522-532 : ill

Interaction in power source, load and electrical circuits. Part I

Järvik, Jaan *Journal of international scientific publications : materials, methods & technologies* 2010 / 2, p. 512-521 : ill

Interaction of Estonian kukersite with organic solvents : a volumetric swelling and molecular simulation study

Savest, Natalja; Oja, Vahur; Kaevand, Toomas; Lille, Ülo *Fuel* 2007 / 1/2, p. 17-21

Interaction of fungus with titanium oxide surface

Binauskiene, E.; Lugauskas, Albinas; **Krunks, Malle; Oja Acik, Ilona**; Jasulaitiene, Vitalija; Šaduikis, G. 9th National Lithuanian Conference : Vilnius, October 16, 2009 2009 / p. 88

Interaction of furcellaran with proteins

Laos, Katrin; Ring, Stephen G.; Noel, Timothy R. *The Twelfth Gums and Stabilisers for the Food Industry Conference* : 24-27 June 2003, Wrexham, UK : book of abstracts 2003 / p. 84

Interaction of metal cations with different humic substances from sea and lake sediments

Übner, Monika; Treumann, Maili; Viitak, Anu; Lopp, Margus *Proceedings of the Estonian Academy of Sciences. Chemistry* 2005

Interaction of plankton with wave fields in the sea

Didenkulov, Igor; **Didenkulova, Irina**; Muyakshin, Sergey; Selivanovsky, Dmitry BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 186

Interaction of solitary deformation waves in microstructured solids

Salupere, Andrus; Tamm, Kert; Engelbrecht, Jüri Book of abstracts the Fifth IMACS International Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory : Athens, USA, April 16-19, 2007 2007 / p. 114

Interactions between furcellaran and the globular proteins bovine serum albumin and [beeta]-lactoglobulin

Laos, Katrin; Brownsey, Geoffrey J.; Ring, Stephen G. Carbohydrate polymers 2007 / p. 116-123 : ill

Interactions between furcellaran and the globular proteins (bovine serum albumin, [beta]-lactoglobulin)

Laos, Katrin 2005 https://www.ester.ee/record=b2097238*est

Interactions of ammonium nitrate with different additives : thermodynamic analysis

Klimova, Irina; Kaljuvee, Tiit; Türn, Leo; Trikkel, Andres; Kuusik, Rein, keemik Program & abstracts of 21st IUPAC International Conference on Chemical Thermodynamics ICCT-2010 : Tsukuba, Japan, July 31 - August 6, 2010 2010 / p. 242
<https://link.springer.com/article/10.1007/s10973-011-1514-9>

Interactions of ammonium nitrate with different additives : thermodynamic analysis

Klimova, Irina; Kaljuvee, Tiit; Türn, Leo; Bender, Villem; Trikkel, Andres; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2011 / p. 13-26

Interactions of Zn(II) and Cu(II) ions with Alzheimer's amyloid-beta peptide. Metal ion binding, contribution to fibrillization and toxicity

Tõugu, Vello; Tiiman, Ann; Palumaa, Peep Metallomics 2011 / p. 250-261 : ill
<https://academic.oup.com/metallomics/article/3/3/250/6016214>

Interaktsioon punktdefektide ja lisandite vahel süsteemis Si-SiO₂ ja nende mõju piirpinna omadustele : [ettekande sisukokkuvõte]

Kropman, Daniel; Käerner, T.; Heinmaa, I. Eesti Füüsika Seltsi aastaraamat 2008 2009 / lk. 119-120

Interaktsioonist majanduse ja transpordi arengus

Lend, Enno Äritegevuse innovaatika. 3 2002 / lk. 53-62 : ill

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

Investigation of interactions between mitochondrial creatine kinase and ATP/ADP channel

Karu-Varikmaa, Minna; **Metsis, Madis**; Guzun, Rita; Käämbre, Tuuli; Grichine, Alexei; Saks, Valdur FEBS journal 2011 / p. 374-375

Kinetic studies of SO₂ interaction with apatite

Manuilova, Anastassia; Tõnsuaadu, Kaia; Veiderma, Mihkel Phosphorus research bulletin 2002 / p. 93-98 : ill

Kinetic studies of the SO₂ interaction with apatite

Manuilova, Anastassia; Tõnsuaadu, Kaia; Veiderma, Mihkel Fourth International Symposium on Inorganic Phosphate Materials, July 10-13, 2002, Jena - Germany : book of abstracts 2002 / p. 28

Language of driving for autonomous vehicles

Kalda, Krister; Pizzagalli, Simone Luca; Soe, Ralf-Martin; Sell, Raivo; Bellone, Mauro Applied sciences 2022 / art. 5406
<https://doi.org/10.3390/app12115406> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-time behaviour of soliton ensembles. Part I - Emergence of ensembles

Salupere, Andrus; Peterson, Pearu; Engelbrecht, Jüri Chaos, solitons and fractals 2002 / p. 1413-1424 : ill
<https://www.sciencedirect.com/science/article/pii/S0960077902000693>

Low level microwave interaction with nervous system

Hinrikus, Hiie; Riipulk, Jevgeni; Tuulik, Viuu Physica medica 1996 / 3, p. 162

Low-K factor of SiO₂ layer on Si irradiated by YAG:Nd laser

Medvid, A.; Onufrijevs, Pavels; **Melikov, Enn**; **Kropman, Daniel**; Muktepavela, F.; Bakradze, G. Journal of non-crystalline solids 2007 / p. 703-707 : ill <https://www.sciencedirect.com/science/article/pii/S0022309306014116>

Majanduskeskkonna maksusüsteemi vastasmõjust

Tammert, Paul Arvestuse ja maksunduse aktuaalsed probleemid : konverents 1997 / lk. 175-178

https://www.ester.ee/record=b1293554*est

Mathematical modelling of the interaction of an air jet and an elastic body

Reedik, Vello; Martin, Andres 1999 https://www.ester.ee/record=b1225452*est

Mediated interactions for collection and exchange of situational information in smart environments = Vahendatud interaktsioonid olukorratähtsuse informatsiooni kogumiseks ja vahetamiseks arukates keskkondades

Kaugerand, Jaanus 2020 <https://digikogu.taltech.ee/et/Item/67dab11b-894d-4903-b4ff-f4652e58bf81> TTÜ teadlane pani nutiseadmed omavahel tõhusamalt rääkima (novaator.err.ee, 16.10.2020) <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

Mitochondria–cytoskeleton interaction : distribution of β -tubulins in cardiomyocytes and HL-1 cells

Guzun, Rita; Karu-Varikmaa, Minna; Gonzalez-Granillo, Marcela; Kuznetsov, Andrey V.; Michel, Laurianne; Cottet-Rousselle, Cecile; **Saaremäe, Merle**; Käämbre, Tuuli; **Metsis, Madis**; Grimm, Michael; Auffray, Charles; Saks, Valdur Biochimica et biophysica acta 2011 / p. 458-469 : ill <https://core.ac.uk/download/pdf/82551314.pdf>

Modelling of complex signals in nerves

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel 2021 <https://doi.org/10.1007/978-3-030-75039-8>

MPB2C, a microtubule-associated plant factor, is required for microtubular accumulation of tobacco mosaic virus movement protein in plants

Curin, Mirela; **Ojangu, Eve-Ly**; Trutnyeva, Kateryna; Ilau, Birger; **Truve, Erkki**; Waigmann, Elisabeth Plant physiology 2007 / p. 801-811 <https://pubmed.ncbi.nlm.nih.gov/17189338/>

Multiple secondary interaction arrangement in the crystal structure of cis-dichlorobis(thiourea-S)-zinc(II)

Bombicz, Petra; Madarasz, Janos; **Krunks, Malle**; Niinistö, Lauri; Pokol, György Journal of coordination chemistry 2007 / 4, p. 457-464 <https://www.tandfonline.com/doi/abs/10.1080/00958970600873604>

Multiple secondary interaction arrangement in the crystal structure of cis-dichlorobis(thiourea-S)-zinc(II)

Bombicz, Petra; Madarasz, Janos; **Krunks, Malle**; Niinistö, Lauri; Pokol, György Journal of coordination chemistry 2006 / [8] p <https://www.tandfonline.com/doi/full/10.1080/00958970600873604>

Multi-soliton interactions and the inverse problem of wave crests

Peterson, Pearu 2001 https://www.ester.ee/record=b1556262*est

Nanorobotid elusorganismis ja inimnaha liim - see on supramolekulaarne keemia

Aav, Riina Inseneria 2015 / lk. 30-32 : ill https://artiklid.elnet.ee/record=b2741120*est

Nonlinear interaction of large-amplitude unidirectional waves in shallow water

Didenkulova, Irina; Pelinovsky, Efim; **Rodin, Artem** Estonian journal of engineering 2011 / p. 289-300 : ill

Novel computational models for predicting dopamine interactions

Katritzky, Alan R.; **Dobchev, Dimitar**; Stoyanova-Slavova, Iva B.; Kuanar, Minati; Beshpalov, Maxim M.; **Karelson, Mati**; **Saarma, Mart** Experimental neurology 2008 / 1, p. 150-171 <https://www.sciencedirect.com/science/article/pii/S0014488608000368>

Novel method for investigation of interactions between mitochondrial creatine kinase and adenine nucleotide translocase

Varikmaa, Minna; **Metsis, Madis**; Guzun, Rita; Käämbre, Tuuli; Grichine, Alexei; Saks, Valdur Biophysical journal 2010 / lss. 3, Suppl. 1, p. 735a https://www.researchgate.net/publication/247278037_Novel_Method_for_Investigation_of_Interactions_between_Mitochondrial_Creatine_Kinase_and_Adenine_Nucleotide_Translocase

On mechanisms of electromechanophysiological interactions between the components of signals in axons

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2020 / p. 81–96 : ill <https://doi.org/10.3176/proc.2020.2.03> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On modelling the deformation of elastic body under air pressure

Martin, Andres Proceedings of the Second National DAAAM Conference in Estonia : Science'96 1997 / p. 75-79: ill

On structure of games

Henno, Jaak EJC 2009 : proceedings of the 19th European-Japanese Conference on Information Modelling and Knowledge Bases : Maribor, Slovenia, June 1-5, 2009 2009 / ? p https://www.researchgate.net/publication/221013911_On_Structure_of_Games

On the interaction of deformation waves in microstructured solids

Salupere, Andrus; Tamm, Kert; Engelbrecht, Jüri; Peterson, Pearu Proceedings of the Estonian Academy of Sciences. Physics.

On the long-time behaviour of soliton ensembles

Salupere, Andrus; Engelbrecht, Jüri; Peterson, Pearu Mathematics and computers in simulation 2003 / p. 137-147 : ill
<https://www.sciencedirect.com/science/article/pii/S0378475402001787>

Pitch glide effect induced by a nonlinear string-barrier interaction

Kartofelev, Dmitri; Stulov, Anatoli; Välimäki, Vesa Recent Developments in Nonlinear Acoustics : 20th International Symposium on Nonlinear Acoustics including the 2nd International Sonic Boom Forum, 29 June–3 July 2015, Écully, France 2015 / art. 030004
<https://doi.org/10.1063/1.4934387> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Planeetide omavahelisest mõjust ja mõjust meile

Kalv, Peep Universum 1997 / lk. 279-283: ill

Planeetide omavahelisest mõjust ja mõjust meile

Kalv, Peep Horisont 1997 / 4, lk. 39-43: ill https://artiklid.elnet.ee/record=b2034682*est

Possible anomalous ZZg and Zgg couplings and Z boson spin orientation in e+ e- Zg

Ots, Ilmar; Uibo, H.; Liivat, H.; **Loide, Rein-Karl;** Saar, Rein Nuclear physics B 2004 / p. 346-356
<https://ui.adsabs.harvard.edu/abs/2006NuPhB.740..212O/abstract>

Quantum dynamics of noble gas atoms and methane in the molecular cavity of fullerene : terahertz spectroscopy study = Väärisgaasi aatomite ja metaani kvantdünaamika fullereeni molekulaarses õõnsuses : terahertsspektroskoopia uurimus

Jafari, Tanzeeha 2025 <https://digikogu.taltech.ee/et/Item/33879cfc-2e32-4b05-bdbc-86e033784086> <https://doi.org/10.23658/taltech.6/2025>
https://www.ester.ee/record=b5728363*est

Resonance phenomenon of wave interaction in inhomogeneous solids

Braunbrück, Andres; Ravasoo, Arvi Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 108-115 : ill

A role of long-range interaction in ILM properties and defects creation in ionic crystals

Klopov, Mihhail; Hižnjakov, Vladimir; Haas, Mati; Shelkan, A. 13th International Conference on the Applications of Density Functional Theory in Chemistry and Physics : Lyon, France, 31 August - 4 September 2009 2009 / p. 269

Role of mitochondria-cytoskeleton interactions in respiration regulation and mitochondrial organization in striated muscles

Varikmaa, Minna; Bagur, Rafaela; Kaambre, Tuuli; Grichine, Alexei; Timohhina, Natalja; Tepp, Kersti; Shevchuk, Igor; Chekulayev, Vladimir; **Metsis, Madis;** Boucher, François Biochimica et biophysica acta - Bioenergetics 2014 / p. 232-245 : ill
<https://doi.org/10.1016/j.bbambio.2013.10.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of recommender systems in fostering consumers' long-term platform engagement

Maslowska, Ewa; Malthouse, Edward C.; **Hollebeek, Linda Desiree** Journal of Service Management 2022 / p. 721-732
<https://doi.org/10.1108/JOSM-12-2021-0487> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Role of specifically interacting solvents in solvent swelling of kukersite oil shale kerogen = Spetsiifiliste vastasmõjudega lahustite roll kukersiitse põlevkivi kerogeeni pundumises

Hruljova, Jelena 2014 https://www.ester.ee/record=b3088095*est

Salmon behavioural response to robots in an aquaculture sea cage

Kruusmaa, Maarja; Gkliva, Roza; Tuhtan, Jeffrey Andrew; Tuvikene, A.; Alfredsen, J.A. Royal Society open science 2020 / art. 191220, 14 p. : ill <https://doi.org/10.1098/rsos.191220> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Self-aware architecture to support partial control of emergent behavior

Mõtus, Leo; Meriste, Merik; Preden, Jürjo-Sören; Pahtma, Raido 2012 7th International Conference on System of Systems Engineering : July 16-19, 2012, Genova, Italy : proceedings 2012 / p. 422-427 : ill <https://ieeexplore.ieee.org/document/6384148>

Social media services ecosystem for marginalized youth to access adult education

Pata, Kai; **Paas, Sille** Learning Technology for Education Challenges : 8th International Workshop, LTEC 2019, Zamora, Spain, July 15–18, 2019, proceedings 2019 / p. 369-380 https://doi.org/10.1007/978-3-030-20798-4_32 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Soil-reinforced concrete beam interaction

Jaanis, Valdo; Pello, Johannes Baltic Geotechnics '95 : proceedings of the Eighth Baltic Geotechnical Conference, Vilnius/Lithuania/ 2-5 October 1995 1995 / p. 83-85: ill

Solitoni mitu nägu. Kanalilaine. Solitoni avastamine. Mitmekesine maailm

Engelbrecht, Jüri Keeruka maailma võlu 2015 / lk. 23-29 : ill https://www.ester.ee/record=b4488344*est

Solitonide formeerumine ja interakteerumine

Salupere, Andrus; Engelbrecht, Jüri; Peterson, Pearu Biotoopia : Bioloogia. Tehnoloogia. Utopia. : Sorose Kaasaegse Kunsti Eesti Keskuse 3. aastanäitus, 22. november - 17. detsember 1995 1996 / 2 lk.: ill

Solitons interactions

Soomere, Tarmo Encyclopedia of complexity and systems science. Volume 9. S 2009 / p. 8479-8504 : ill

Surface plasmon resonance studies of lipoprotein interactions

Löökene, Aivar The 1st International Conference of Biomedical Spectroscopy : from Molecules to Man 2002 / ? p

Sweedler theory of monads

McDermott, Dylan; **Rivas, Exequiel; Uustalu, Tarmo** Foundations of Software Science and Computation Structures : 25th International Conference, FOSSACS 2022, Held As Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2022, Munich, Germany, April 2-7, 2022 : proceedings 2022 / p. 428-448 https://doi.org/10.1007/978-3-030-99253-8_22
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Synthesis and bioassay of improved mosquito repellents predicted from chemical structure

Katritzky, Alan R.; Wang, Zuoquan; Slavov, Svetoslav; Tsiolia, Maia; **Dobchev, Dimitar** Proceedings of the National Academy of Sciences of the United States of America 2008 / 21, p. 7359-7364

Synthesis of chiral urea-based macrocycles and their application as molecular containers = Kiraalsete uurea-põhiste molekulaarsete mahutite süntees ja rakendus

Mishra, Kamini Atindrakumar 2022 <https://doi.org/10.23658/taltech.20/2022> <https://digikogu.taltech.ee/et/Item/b07b0d8d-888b-420d-839e-a809b9d5cfce> https://www.ester.ee/record=b55500524*est

Teleoperation of the industrial robot : augmented reality application

Chung, Xue Er Shamaine; Qiao, Yuansong; **Kuts, Vladimir;** Henry, John; McNevin, Ken; Murray, Niall MMSys '22: Proceedings of the 13th ACM Multimedia Systems Conference 2022 / p. 299-303 <https://doi.org/10.1145/3524273.3532901>

The interactions between furcellaran and milk proteins (BSA, BLG)

Laos, Katrin; Brownsey, Geoffrey J.; Ring, Stephen G. Marine Biopolymers : Structure, Functionality and Applications : June 27-29, 2004, Trondheim, Norway : a satellite to the XVIII International Seaweed Symposium : programme. Abstracts for oral and poster presentations 2004 / p. P8

The interplay of long range interactions and electron density distributions in polar and strongly correlated materials

Kristoffel, Nikolai; Pishtshev, Aleksandr; Rubin, Pavel; **Klopov, Mihhail** Journal of superconductivity and novel magnetism 2017 / p. 91-96 : ill <https://doi.org/10.1007/s10948-016-3765-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The perturbation technique for wave interaction in prestressed material

Ravasoo, Arvi Applied wave mathematics : selected topics in solids, fluids, and mathematical methods 2009 / p. 31-53

The specificity of solid-phase interaction of aluminium with silicon carbide in the manufacture of diffusion-welded contacts to semiconductor devices

Sleptšuk, Natalja; Korolkov, Oleg; Toompuu, Jana; Rang, Toomas; Mikli, Valdek Elektronika ir elektrotehnika = Electronics and electrical engineering 2012 / p. 45-48 : ill <https://eejournal.ktu.lt/index.php/elt/article/view/2610>

The stereochemical aspect of the interaction of 3'-fluoro-3'-deoxy analogues of the (2'-5')oligoadenylic acid trimer with (2'-5')A3 antibodies

Kalinichenko, E.N.; Podkopaeva, T.L.; Mikhailopulo, I.A.; **Kelve, Merike; Saarma, Mart;** Boogaart, J. van der; Altona, C. Bioorg. Khim 1999 / p. 675-678

A theory of coupled beams for non-prismatic ship structure

Kerge, Els-Hedvig; Naar, Hendrik; Tabri, Kristjan Proceedings of the 2nd International Conference Optimization and Analysis of Structures : Tartu, Estonia, August 25-27, 2013 2013 / p. 45-51 : ill

Thermal analysis of the interaction of phosphorite with condensed phosphates of calcium

Pöldme, Meeme; Buzagh-Gere, E.; Pöldme, Jüta; Veiderma, Mihkel Journal of thermal analysis : an international forum for communications on thermal investigations 1976 / p. 195-204 https://www.ester.ee/record=b1524801*est

Thermal interactions between apatites and SO2

Veiderma, Mihkel; Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem Phosphorus research bulletin 1999 / Special issue: Proceedings of the Third International Symposium on Inorganic Phosphate Materials '99 : Villeneuve d'Ascq, France, September 14-

Thermal interactions between apatites and SO₂

Veiderma, Mihkel; Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem Third International Symposium on Inorganic Phosphate Materials : Villeneuve d'Aseq, France, Sept. 14-16, 1999 : book of abstracts 1999 / p. No. 0.2.10
https://www.researchgate.net/publication/286300928_THERMAL_INTERACTIONS_BETWEEN_APATITES_AND_SO2SUB

Time-awareness and proactivity in models of interactive computation

Dosch, W.; Meriste, Merik; **Mõtus, Leo** Workshop on the Foundations of Interactive Computation, Scotland, 2005 2005 / p. 46-61
<https://www.sciencedirect.com/science/article/pii/S157106610505190X>

Towards a protein interaction map of potyviruses : protein interaction matrixes of two potyviruses based on yeast-two hybrid system

Guo, D.; Rajamäki, M.-L.; **Saarma, Mart**; Valkonen, J.P.T. Journal of general virology 2001 / 4, p. 935-939 : ill
<https://pubmed.ncbi.nlm.nih.gov/11257200/>

Towards assessment of behavioral patterns in a virtual reality environment

Köse, Ahmet; Tepljakov, Aleksei; Abel, Mihkel; Petlenkov, Eduard Augmented Reality, Virtual Reality, and Computer Graphics : 6th International Conference, AVR 2019 : Santa Maria al Bagno, Italy, June 24-27, 2019 : Proceedings. Part I 2019 / p. 237-253 : ill
https://doi.org/10.1007/978-3-030-25965-5_18 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Uncertainty estimation of damage factor of materials properties under the plasma influence

Arjassov, Gennadi; Baraškova, Tatjana; Pelõhh, Veronika Journal of international scientific publications : materials, methods & technologies 2010 / 2, p. 307-313 : ill https://inis.iaea.org/search/search.aspx?orig_q=RN:45107916

University-business interaction in the context of demographic change

Prause, Gunnar Klaus; Hunke, Kristina European integration and Baltic Sea region studies : university-business partnership through the Triple Helix Approach ; Vol. II 2012 / p. 188-199

Uue töökäitumise väärtus ja hind

Karotom, Natalia Eesti sotsiaalteaduste aastakonverents IV : 24. - 25. november 2003 : ettekannete ja teeside kogumik 2004 / lk. 262-264

Water hammer and column separation due to accidental simultaneous closure of control valves in a large scale two-phase flow experimental test rig

Bergant, Anton; Westende, Jos M.C.van't; **Koppel, Tiit**; Gale, Janez; Hou, Qingzhi; Pandula, Zoltan; Tijsseling, Arris S. 2010
https://www.researchgate.net/publication/280624441_Water_hammer_and_column_separation_due_to_accidental_simultaneous_closure_of_control_valves_in_a_large-scale_two-phase_flow_experimental_test_rig

Water hammer and column separation due to accidental simultaneous closure of control valves in a large scale two-phase flow experimental test rig

Bergant, Anton; Westende, Jos M.C.van't; **Koppel, Tiit**; Gale, Janez; Hou, Qingzhi; Pandula, Zoltan; Tijsseling, Arris S. Proceedings of the ASME 2010 Pressure Vessels & Piping Division/K-PVP Conference : PVP2010 : July 18-22, 2010, Bellevue, Washington, USA 2010 / [10] p.: ill
https://www.researchgate.net/publication/280624441_Water_hammer_and_column_separation_due_to_accidental_simultaneous_closure_of_control_valves_in_a_large-scale_two-phase_flow_experimental_test_rig

Water-column mass losses during the emptying of a large-scale pipeline by pressurized air

Laanearu, Janek; Hou, Qingzhi; **Annus, Ivar**; Tijsseling, Arris S. Proceedings of the Estonian Academy of Sciences 2015 / p. 8-16 : ill https://artiklid.elnet.ee/record=b2717477*est <https://doi.org/10.3176/proc.2015.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Article at WOS](#)

Wave interaction in weakly inhomogeneous materials

Braunbrück, Andres 2005 http://www.ester.ee/record=b2045300*est

Wave propagation and interaction in Mindlin-type microstructured solids: numerical simulation = Lainelevi ja interaktsiooni numbriline modelleerimine Mindlini tüüpi mikrostruktuursetes tahkistes

Tamm, Kert 2011 https://www.ester.ee/record=b2679197*est

Wave scattering at discontinuities in plates and pipes = Lainete interaktsioon defektidega plaatides ja torudes

Ratassepp, Madis; Klauson, Aleksander; Lowe, Michael John Stewart 2010 https://www.ester.ee/record=b2561121*est

Weakly two-dimensional interaction of solitons in shallow water

Soomere, Tarmo; Engelbrecht, Jüri European journal of mechanics B. Fluids 2006 / p. 636-648 : ill

Volcanic ash intercalations in the Kilpisjärvi Caledonian nappes, Finland

Взаимодействие компонентов сланцевой смолы. 1. Взаимодействие в бинарных системах

Mölder, Leevi; Metlitskaja, Olga; Ebber, Arkadi Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1983 / с. 103-108 : табл
https://www.ester.ee/record=b1264984*est

Взаимодействие компонентов сланцевой смолы. 2. Формирование равновесия в промышленных процессах

Mölder, Leevi; Arro, Jaak; Metlitskaja, Olga Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1983 / с. 215-219
https://www.ester.ee/record=b1264984*est

Влияние донорной примеси на характеристики электрон-фононного взаимодействия к-центров в сульфиде кадмия

Krustok, Jüri; Lõo, A.; Piibe, Toomas Tallinna Tehnikaülikooli Toimetised 1990 / lk. 23-29: ill

Зависимость взаимодействия некоторых фенолов и амидов от конформации пептидной группы

Aarna, Agu; Vabaoja, Jüri; Oja, Holger Технология органических веществ. 2 1970 / с. 15-29 : илл
https://www.ester.ee/record=b1350307*est <https://digikogu.taltech.ee/et/Item/a482beb1-6b8a-41a9-9418-160cec9ed58d>

Изучение взаимного воздействия экономических явлений при помощи факторных индексов

Vensel, Vello Исследования экономического факультета. 9 1972 / с. 69-80 https://www.ester.ee/record=b2267602*est
<https://digikogu.taltech.ee/et/Item/6d1b3d3d-a96e-4c89-8fe1-5f19093e8199>

Исследование взаимодействия некоторых фенолов с кетонами

Aarna, Agu; Mölder, Leevi Eesti NSV Teaduste Akadeemia toimetised. Füüsika, matemaatika ja tehnikateaduste seeria = Известия Академии наук Эстонской ССР. Серия физико-математических и технических наук 1964 / lk. 10-14 ; 2 tab
https://www.ester.ee/record=b1264320*est

Исследование взаимодействия фенолов с кетонами методом инфракрасной спектроскопии

Mölder, Leevi; Alev, Milvi Сборник статей по химии и химической технологии. 10 1964 / с. 75-81 : илл
https://www.ester.ee/record=b2181961*est <https://digikogu.taltech.ee/et/Item/9569e6db-150a-42c8-bf3b-765725dfd969>

Исследование процесса ударных взаимодействий частиц

Kleis, Ilmar; Pappel, Toivo; Hussainova, Irina; Štšeglov, Igor Трение и износ 1997 / 6, с. 730-735

К анализу взаимоотношений в трудовых коллективах как формы проявления производственных отношений

Mihhailov, Dmitri 1945 Проблемы управления кадрами и социальным развитием в производственном объединении на предприятии : республиканский семинар : Таллинн, 17-18 ноября 1977 года 1977 / с. 72-76
https://www.ester.ee/record=b1280972*est

Межфазное взаимодействие и ориентационные соотношения в системе Ni-GaAs

Meiler, Boriss XIII Всесоюзная конференция по электронной микроскопии, г. Сумы, окт. 1987 г : тезисы докладов : [В 2 т.]. 1987 / с. 214-216

Межфазное взаимодействие и ориентационные соотношения в системе никкель - арсенид галлия

Meiler, Boriss Электрофизические свойства полупроводниковых и диэлектрических материалов 1988 / с. 3-12

Межфазное взаимодействие на контакте Ni-Si и Ni-GaAs

Meiler, Boriss Поверхность : физика, химия, механика 1985 / с. 62-67 : илл https://www.ester.ee/record=b2149829*est

Нестационарное взаимодействие акустического импульса с упругим цилиндром, содержащим упругий наполнитель

Korsunski, Viktor Двумерное поле напряжений и оптимальные плоские системы 1981 / с. 55-62 : илл
https://www.ester.ee/record=b1319008*est <https://digikogu.taltech.ee/et/Item/8ec0bf04-e0db-4a16-a1ab-14a4b18e0132>

О взаимодействии пирита с азотной кислотой

Arumeel, Edgar; Kudrjartseva, Jelena Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1988 / с. 165-168
https://www.ester.ee/record=b1264984*est

О взаимодействии фосфорита с конденсированным фосфатом кальция

Veiderma, Mihkel; Pöldme, Juta; Pöldme, Meeme Журнал неорганической химии 1977 / с. 57-62: илл
https://www.ester.ee/record=b1443384*est

О взаимоотношениях крупного города и его хинтерланда

Paalberg, Harry Воспроизводственные механизмы крупного города в условиях интенсификации регионального развития : тезисы конференции : [Таллин, 18-19 ноябрь 1986]. Том 2, Механизмы стабилизации демографического воспроизводства города. Социальные механизмы воспроизводства территориальных общностей = Reproduction processes in city under regional development intensification : conference abstracts : [November 18-19, 1986]. Vol. 2, Stabilization of urban population reproduction. Social reproduction of territorial units 1986 / с. 100-101 https://www.ester.ee/record=b1217173*est

Образование N-нитрозодиметиламина при взаимодействии пищевых продуктов с амидопирином

Kann, Jüri; Kuldmae, Lehti; Randpere, E. Тезисы IV Всесоюзного симпозиума : канцерогенные N-нитрозосоединения и их предшественники - образование и определение в окружающей среде 1981 / с. 52 https://www.ester.ee/record=b1313908*est

Образование сульфида кадмия при термораспаде продуктов взаимодействия тиомочевины с хлоридом кадмия

Krunk, Malle; Mellikov, Enn; Sork, Eeve Журнал неорганической химии 1985 / с. 1373-1376
https://www.ester.ee/record=b1443384*est

Физико-химическое взаимодействие компонентов сланцевой смолы

Metlitskaja, Olga Совершенствование добычи и переработки горючих сланцев : тезисы докладов VII республиканской научно-технической конференции молодых специалистов и ученых, Кохтла-Ярве, 18-19 мая 1984 г. 1984 / с. 57
https://www.ester.ee/record=b1298636*est