

## **Absolute dynamic topography through synergizing sea level data sources utilizing a common and stable reference surface**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-1756>

## **An academic unit and a journal : TalTech Law School and its publishing activity**

**Kerikmäe, Tanel** The First Eurasian Forum of editors of scientific journals: "East - West: Authority And Potential", Baku at Khazar University, Kazakhstan, 16-17 March 2023 2023 / p. [?] [An academic unit and a journal : TalTech Law School and its publishing activity](#)

## **Accurate dynamic topography by satellite altimetry and marine geoidmodel**

**Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** 13th Coastal Altimetry Workshop & Coastal Altimetry Training, 6-10 February 2023, Universidad de Cádiz, Spain : abstract 2023 / p. 36 <https://www.coastalaltimetry.org/NikalWebsitePortal/coastal-altimetry-workshop/esa/ExtraContent/ContentSubPage?page=8&subPage=3>

## **Adapting mechanochemical C–N bond forming reactions for greener synthesis of pharmaceuticals**

**Nikonovich, Tatsiana; Nallaparaju, Jagadeesh Varma; Mishra, Kamini Atindrakumar; Jarg, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina** GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 / art. O21 : ill <https://fmdtk.ut.ee/programm-2023/> <https://fmdtk.ut.ee/wp-content/uploads/2023/05/Nikonovich.pdf>

## **AI-based worker management : role of participative leadership and empowerment**

**Reinhold, Karin; Järvis, Marina** You Have Been Replaced by AI : Abstracts of the 11th Annual Entrepreneurship and Innovation Conference (EUAS and Ülemiste City), Tallinn, October 5, 2023 2023 / p. 39 <https://conference.euas.eu/2023/wp-content/uploads/2024/02/ConferenceProceedings2023.pdf>

## **Aldehyde-free resins based on resorcinol and natural alkylresorcinols modified with styrene**

**Jurkeviciute, Ana; Grigorieva, Larisa; Tõnsuaadu, Kaia; Yashicheva, Tamara** Polymers / Composites / 3Bs Materials 2023 International Joint Conferences 22-24 February 2023 Bangkok, Thailand : Book of Abstracts 2023 / p. 43 <https://setcor.org/userfiles/files/2023/Bangkok/Polymers-Composites-3BsMaterials-2023-Book-of-Abstracts.pdf>

## **Alkylation of phenols and resorcinols**

**Lopušanskaja, Eleana; Paju, Anne; Lopp, Margus** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 114 [Kogumik](#)

## **Analysis of wave properties in the Baltic Sea : integrating findings from the Gulf of Finland, Gulf of Riga and Western Baltic Coasts**

**Giudici, Andrea; Männikus, Rain; Jankowski, Mikolaj Zbigniew; Soomere, Tarmo** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 61-62 [https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/5bec\\_proceedings.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf)

## **Anion binding of biotinuril derivatives enhanced by silver cation**

**Siilak, Kristjan; Dalidovich, Tatsiana; Shalima, Tatsiana; Kudrjašova, Marina; Ustrnul, Lukas; Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p 35 [https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

## **Antagonistic activity of lactic acid bacteria against yeast isolated from flour**

**Maliarenko, Yana; Garmasheva, Inna; Lipova, Inna; Oleschenko, Liubov** Conference materials "Youth and modern problems of microbiology and virology" : IV young scientists conference, Kyiv, Ukraine, 15-17 November 2022 : Abstracts book 2022 / p. 18 [https://imv.org.ua/wp-content/uploads/2022/12/Conference-materials\\_2022.pdf](https://imv.org.ua/wp-content/uploads/2022/12/Conference-materials_2022.pdf)

## **Antibacterial activity of chitosan-silver nanocomposites**

**Kasemets, Kaja; Laanoja, Jüri; Kahru, Anne** Debrecen Colloquium on Carbohydrates 2020 in 2022, August 24-27, 2022 Debrecen, Hungary : program and abstracts 2022 / p. 47 [https://konferencia.unideb.hu/sites/default/files/file\\_uploads/debcarb-abstract-elektronikus-2022-kesz\\_04-cor\\_0.pdf](https://konferencia.unideb.hu/sites/default/files/file_uploads/debcarb-abstract-elektronikus-2022-kesz_04-cor_0.pdf)

## **Antibacterial and antifungal efficacy of novel chitosan-silver nanocomposites**

**Kasemets, Kairi; Laanoja, Jüri; Sihtmäe, Mariliis; Kurvet, I.; Otsus, Maarja; Vija, H.; Kahru, Anne** (E-MRS) European Materials Research Society 2023 Spring Meeting : 40th Anniversary 2023 / art. 61\_875 <https://www.dropbox.com/s/w8prtknkt2ekutr/SPRING%2023%20-%20Conference%20program.pdf?dl=0>

## **Antioxidative and anti-borrelia activity of phytochemicals in rubiaceae species**

**Laanet, Pille-Riin; Saar-Reismaa, Piret; Bragina, Olga; Jõul, Piia; Vaher, Merike** FEBS3+ Conference of Estonian, Latvian and Lithuanian Biochemical Societies : abstract book : Tallinn, Estonia 15–17 June 2022 2022 / p. 104-105 [https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK\\_FEBS32022\\_Tallinn.pdf](https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK_FEBS32022_Tallinn.pdf)

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**Laanet, Pille-Riin; Drošnova, Regina; Saar-Reismaa, Piret; Bragina, Olga; Vaher, Merike** Proceedings 2023 / art. 6 <https://doi.org/10.3390/proceedings2023092006>

### **Application of chiral bifunctional halogen bond catalysts in glycosylation reactions**

Miller, Annette; Hunt, Kaarel Erik; Kriis, Kadri; Kanger, Tõnis Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 129 [Kogumik](#)

### **Application of cobalt-containing metal-organic framework as crystalline sponge**

Martõnova, Jevgenia; Adamson, Jasper; Kaabel, Sandra; Šubin, Kirill; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 2 [https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

### **Application of deep conditional generative adversarial networks to fill the gaps of satellite altimetry-based absolute dynamic topography**

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-1627>

### **Application of fly ash of lignite combustion in air and water purification**

Nikitin, Dmitri; Bolobajev, Juri; Kritševskaja, Marina; Pilar, Lukas; Vitvarova, Monika; Preis, Sergei; Dulova, Niina Proceedings 2023 / art. 32 <https://doi.org/10.3390/proceedings2023092032>

### **Application of Mindlin Theory to Describe the Scattering of Guided Waves From Notches in a Plate**

Rasheed, Usman; Lints, Martin; Ratassepp, Madis ASME 2022 49th Annual Review of Progress in Quantitative Nondestructive Evaluation (QNDE2022) 2022 <https://event.asme.org/Events/media/library/resources/qnde/QNDE-2022-Final-Program.pdf> <https://qnde.secure-platform.com/a/solicitations/178/sessiongallery/11537/application/98050>

### **Application of the capillary electrophoresis technique in real life**

Biel, Iwona; Wozniakiewicz, Michal; Mazina-Šinkar, Jekaterina FLOW ANALYSIS XV Krakow, Poland 2022, June 26-July 1 : Book of Abstracts 2022 / p. 127 [https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCKa+2022-05-28+str+numeracja+od+stopki+spad3mm+26\\_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed](https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCKa+2022-05-28+str+numeracja+od+stopki+spad3mm+26_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed)

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### **Assessing biological effects of contaminants in the Gulf of Finland, Northeastern Baltic Sea, using sediment biotests with Amphipods (*Monoporeia affinis*) and biomarker responses in Clams (*Macoma balthica*)**

Kuprijanov, Ivan; Kolesova, Natalja; Lipp, Maarja; Lehtonen, Kari K. Proceedings 2023 / art. 54 <https://doi.org/10.3390/proceedings2023092054>

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### **Balti LFC ploki vajalike sageduse hoidmise ja taastamise reservide dimensioneerimine suurenenud taastuenergiaallikate lisandumise korral**

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Lehtonen, Kari K.; Gorokhova, Elena; Rowe, Owen; Pazdro, Ksenia; Barda, Ieva; Alurralde, Roque Gastón; Tairova, Zhanna M.; Kolesova, Natalja; Sturve, Joachim; Kuprijanov, Ivan; Stankeviciute, Milda; Strode, Evita; Turja, Raisa SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024 / abs. 4.08.P-Mo363 <https://setac.confex.com/setac/europe2024/meetingapp.cgi/Paper/23793>

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### **Bulk and interface recombination in TiO<sub>2</sub>/Sb<sub>2</sub>Se<sub>3</sub> solar cells**

**Krautmann, Robert; Josepson, Raavo; Spalatu, Nicolae; Oja Acik, Ilona** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 28 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

### **CagA and VacA genotypes of Helicobacter pylori strains in Estonia and their resistance to antibiotics**

**Roots, Kaisa; Truu, Liisa;** Suurmaa, Külliki; Rütütmann, Anna Maria; **Spuul, Pirjo** Microbiota in Health and Disease: The Year in Helicobacter 2022 EHMSG - 35th International Workshop on Helicobacter & Microbiota in Inflammation & Cancer : accepted abstracts 2022 / art. e735, p. 34 [https://doi.org/10.26355/mhd\\_20229\\_735](https://doi.org/10.26355/mhd_20229_735)

### **Cannabinoids ( $\Delta^9$ -THC and CBD) quantitative analysis by in-situ portable drug analyzer Drug Hunter**

**Gorbatšova, J; Bolkvadze, V; Vaher, Merike; Halling, Evelin; Mazina-Šinkar, Jekaterina** Flow Analysis XV, Krakow, Poland, June 26 - July 1, 2022 : book of abstracts 2022 / p. 155  
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**Liblik, Taavi; Rak, Daniel; Siht, Enriko; Väli, Germo;** Karstensen, Johannes; Tuomi, Laura; Biddle, Louise; **Lilover, Madis-Jaak;** Skudra, Maris; **Lips, Urmas** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 145-146  
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### **Change in the carbon footprint of Iranians' food consumption from 1961 to2019: A decomposition analysis of drivers**

**Bashiri, Bashir;** Zehtabvar, Mehmaz; Gavrilova, Olga; **Vilu, Raivo** 13th International Conference Biosystems Engineering, Tartu, Estonia, May 5-7, 2023 : book of abstracts 2023 / p. 11 [https://dspace.emu.ee/bitstream/handle/10492/8106/ABS\\_2023\\_Book\\_VV.pdf?sequence=4&isAllowed=y](https://dspace.emu.ee/bitstream/handle/10492/8106/ABS_2023_Book_VV.pdf?sequence=4&isAllowed=y) [https://www.ester.ee/record=b5569707\\*est](https://www.ester.ee/record=b5569707*est)

### **Changes in the thermal behaviour of phosphorite sample from Toole deposit (Estonia) along the drill-core**

**Kaljuvee, Tiit; Tõnsuaadu, Kaia; Kallaste, Toivo; Hints, Rutt; Kivimäe, Eliise-Koidula;** Petkova, Vilma; **Trikkel, Andres** 7th Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC7) : book of abstracts 2023 / p. 69

### **Characterization of tetrahedrite Cu<sub>10</sub>Cd<sub>2</sub>Sb<sub>4</sub>S<sub>13</sub> monograin materials grown in molten Cd<sub>2</sub> and Li<sub>2</sub> : [conference paper]**

**Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p. 29 [https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

### **Chemical, metagenomic and sensory differences in kimchi fermented in industrial and laboratory scale**

**Aus, Emili; Kuldjärv, Rain;** Meikas, Anne; **Vaikma, Helen;** Janusova, Marina 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 103  
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**Mishra, Kamini Atindrakumar; Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 21  
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### **Chirality induction and self-assembly of metallo-porphyrins by chiral cyclohexanohemicucurbiturils**

**Aav, Riina** Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 9  
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**Šakarašvili, Marko; Ustrnul, Lukas; Konrad, Nele; Aav, Riina** Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 448 [http://www.icpp-spp.org/img\\_icpp12/ICPP-12%20BOA.pdf](http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf)

### **Class-selective molecularly imprinted polymer-based sensor for macrolideantibiotics detection**

**Ayankojo, Akinrinade George; Nguyen, Vu Bao Chau; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali** International Conference on Chemical Sensors : Mätrafured 2022 2022 / p. 70 [https://matrafured.ch/MatrafuredScientificProgram\\_2022.pdf](https://matrafured.ch/MatrafuredScientificProgram_2022.pdf)

### **Coastal processes and erosion with and without swell waves and tides in marginal seas**

**Parnell, Kevin Ellis; Soomere, Tarmo** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 163-164 [https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/5bec\\_proceedings.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf)

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**Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** XXVIII General Assembly of the International Union of

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**Viigand, Katri; Eelsalu, Maris; Soomere, Tarmo** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 78-79 [https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/5bec\\_proceedings.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf)

### **CogniFlow: integrated modular system for automated droplet microfluidic bioanalysis**

**Jõemaa, Rauno; Afrin, Fariha; Gyimah, Nafisat; Ashraf, Kanwal; Pärnamets, Kaiser; Giese, Lucas; Rocancourt, Mathieu; Pardy, Tamas** EUROSENSORS XXXVI : Abstract book 2024 / PT6.188, p. 453-454 <https://doi.org/10.5162/EUROSENSORSXXXVI/PT6.188>

### **Combustion synthesis of nanoscale boron and silicon carbides**

Zakaryan, Marieta; Amirkhanyan, Narine; Kirakosyan, Hasmik; Zurnachyan, Alina; **Aydinyan, Sofiya** CIMTEC 2022 : 15th International Ceramics Congress (June 20-24) CIMTEC 2022 : 9th Forum on New Materials (June 25-29) 2022 [http://2022.cimtec-congress.org/focused-session-ca-11\\_1](http://2022.cimtec-congress.org/focused-session-ca-11_1)

### **Comparative analysis of Helicobacter pylori strains isolated from Estonia in 2020-2022**

**Truu, Laura; Roots, Kaisa; Suurmaa, K.; Rütütmann, A.; Sarand, Inga; Spuul, Pirjo** EHMSG – 36th International Workshop on Helicobacter & Microbiota in Inflammation & Cancer : Abstract Book 2023 / p. 131 [https://doi.org/10.26355/mhd\\_20239\\_857](https://doi.org/10.26355/mhd_20239_857)

### **Comparative study of siox layers deposition using thermal and uv-assisted curing of perhydropolysilazane**

**Shmagina, Elizaveta; Bereznev, Sergei** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 50 [https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

### **Comparison of chromogenic STA-R Evolution and CS-2500 assays for Apixaban, Rivaroxaban and Dabigatran**

**Pikta, Marika; Örd, Lenna; Lind, Ellind; Reitsnik, Tarmo; Banys, Valdas** Eesti laborimeditsiin : Eesti Laborimeditsiini Ühingu ja Eesti Bioanalüütikute Ühingu ajakiri 2024 / lk. 70-71 : ill [https://www.ester.ee/record=b4560018\\*est](https://www.ester.ee/record=b4560018*est)

### **Composition, physico-chemical properties and antioxidant activity of Estonian honeys**

**Kivima, Evelin; Tanilas, Kristel; Martverk, Kaie; Laos, Katrin** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 125

### **Conceptualising (truly) sustainable technology development (for all)**

**Kouvara, Asimina** ESEE 2022 Conference Pisa, 14-17 June 2022, Pisa, Italy 2022 / art. 429 <https://virtual.oxfordabstracts.com/#/event/2584/submission/429>

### **Conceptualizing ethical challenges in development and usage of artificial intelligence systems : towards "Ethics by design"**

**Kerikmäe, Tanel; Antonov, Alexander; Shumilo, Olga** Матеріали Міжнародної науково-практичної конференції "Стратегічні пріоритети розвитку Економіки, менеджменту, сфери Обслуговування та права в умовах Інтеграційних процесів" 2022 / p. 335-339 <https://www.kspu.edu>

### **Connecting the A,B- and D-rings of 9,11-secoosterols**

**Rõuk, Kristi; Kõllo, Marek; Lopp, Margus** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 149 [Kogumik](https://www.kogumik.ee)

### **Consumption of multi-fiber enriched yogurt increased the levels of Catenibacterium mitsuokai and Parabacteroides distasonis**

Jaagura, Madis; Part, Natalja; **Adamberg, Kaarel; Kazantseva, Jekaterina; Viiard, Ene** Pharmadvances 2022 / p. 59 <http://www.pharmadvances.com/wp-content/uploads/2022/01/Posters.pdf>

### **Corruption and country size : literature review and suggestions for further research**

**Saarniit, Leno; Sarapuu, Külli** The 30th NISPAcee Annual Conference, Bucharest, Romania, June 2 - June 4, 2022 2022 [https://www.nispa.org/conf\\_paper\\_details2022.php?cid=300&p=5402&pid=5357](https://www.nispa.org/conf_paper_details2022.php?cid=300&p=5402&pid=5357)

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