

### **An application of a low-cost microwave radar to traffic monitoring [Online resource]**

**Riid, Andri; Kaugerand, Jaanus; Ehala, Johannes; Jaanus, Martin;** Preden, Jürjo-Sören BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill <https://doi.org/10.1109/BEC.2018.8600962>

### **Capillary electrophoresis as a monitoring tool for flow composition determination**

**Kaljurand, Mihkel; Saar-Reismaa, Piret; Vaher, Merike; Gorbatošova, Jelena; Mazina-Šinkar, Jekaterina** Molecules 2021 / art. 4918, 12 p. : ill <https://doi.org/10.3390/molecules26164918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Characterization of corona and internal partial discharge under increasing electrical stress using time domain analysis**

Shafiq, Muhammad; **Kiitam, Ivar; Taklaja, Paul;** Hussain, Amjad; **Kütt, Lauri;** Kauhaniemi, Kimmo 2020 IEEE Electrical Insulation Conference : EIC 2020 2020 / vol. 217-220 <https://doi.org/10.1109/EIC47619.2020.9158701>

### **Classification of benthic biocenoses of the lowland river Tudovka (Tver region, Russia) using community features**

Schletterer, Martin; Füreder, Leopold; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; **Fuentes-Pérez, Juan Francisco; Tuhtan, Jeffrey Andrew** Geography, environment, sustainability 2017 / p. 40-56 : ill <http://dx.doi.org/10.24057/2071-9388-2017-10-2-40-56>

### **Contemporary trends in hydrophysical and hydrochemical parameters in the NE Baltic Sea**

**Lainela, Silvie;** Herkül, Kristjan; Leito, Ivo; Jaanus, Andres; Suursaar, Ülo Estonian journal of earth sciences 2020 / p. 91-108 : ill <https://doi.org/10.3176/earth.2020.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Could urea in spent dialysate be a marker for monitoring removal of 4-pyridoxic acid?**

**Kalle, Sigrid; Tanner, Risto; Arund, Jürgen; Tomson, Ruth; Luman, Merike; Fridolin, Ivo** XIII Baltic Nephrology Conference : October 13-15, 2016, Jūrmala, Latvia : final programme 2016 / p. 6 <http://nefrologs.lv/wp-content/uploads/2016/10/XIII-BNC.pdf>

### **Design and implementation of an availability scoring system for cyber defence exercises**

**Pihelgas, Mauno** 14th International Conference on Cyber Warfare and Security (ICWS 2019) : Stellenbosch University, South Africa, 28 February - 1 March 2019 : Proceedings 2019 / p. 329-337 <http://toc.proceedings.com/48113webtoc.pdf> "ICWS 2019"

### **Detecting peat extraction related activity with multi-temporal Sentinel-1 InSAR coherence time series**

Tampuu, Tauri; Praks, Jaan; Kull, Ain; **Uiboupin, Rivo;** Tamm, Tanel; Voormansik, Tanel International journal of applied earth observation and geoinformation 2021 / art. 102309, 11 p. : ill <https://doi.org/10.1016/j.jag.2021.102309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Dimensionality reduction for machine learning based IoT botnet detection**

**Bahsi, Hayretdin; Nõmm, Sven** 15th International Conference on Control, Automation, Robotics and Vision (ICARCV 2018) : Singapore, November 18-21, 2018 2018 / p. 1857-1862 : ill <https://doi.org/10.1109/ICARCV.2018.8581205>

### **Energy efficiency monitoring system for technology mapping driven by FoF concept**

**Sarkans, Martinš;** Pikner, Heiko; **Sell, Raivo; Sonk, Kaimo** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 187-192 : ill

### **Fall detection and activity recognition system for usage in smart work-wear [Online resource]**

**Leier, Mairo; Jervan, Gert; Allik, Ardo; Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo** BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill <https://doi.org/10.1109/BEC.2018.8600959>

### **Frankenstack: real-time cyberattack detection and feedback system for technical cyber exercises**

**Pihelgas, Mauno; Kont, Markus** Proceedings of the 2021 IEEE International Conference on Cyber Security and Resilience (CSR), July 26-28, 2021 : Virtual Conference : proceedings 2021 / p. 396-402 <https://doi.org/10.1109/CSR51186.2021.9527923>

### **Intelligent system and equipment for greenhouses monitoring**

**Penkov, Igor** Journal of hygienic engineering and design 2018 / p. 41-46 : ill <http://www.jhed.mk/filemanager/JHED%20Vol.%2022/03.%20FPP/01.%20Full%20paper%20-%20Igor%20Penkov.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Lightweight monitoring scheme for flooding DoS Attack detection in multi-tenant MPSoCs**

**Chaves Arroyave, Cesar Giovanni;** Sepulveda, Johanna; **Hollstein, Thomas** 2021 IEEE International Symposium on Circuits and Systems (ISCAS), Daegu, Korea May 22-28, 2021 : proceedings 2021 / 5 p <https://doi.org/10.1109/ISCAS51556.2021.9401153> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Methodology approach on benchmarking Regional Innovation on Smart Specialisation (RIS3): a joint macro-regional tool to regional performance evaluation and monitoring in Central Europe**

Gerlitz, Laima; **Meyer, Christopher; Prause, Gunnar Klaus** Entrepreneurship and sustainability issues 2020 / p. 1359-1385 [https://doi.org/10.9770/jesi.2020.8.2\(80\)](https://doi.org/10.9770/jesi.2020.8.2(80)) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mitigating diffuse nitrogen losses in the Nordic-Baltic countries**

Andersen, Hans Estrup; Blicher-Mathiesen, Gitte; **lital, Arvo** Agriculture, ecosystems and environment 2014 / p. 53-60 : ill

**Monitoring patient movement velocity using passive infrared sensor information**

**Ehala, Johannes; Astapov, Sergei** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 21-24 : ill

**Road traffic emissions and emission reduction targets: case of Highway E18 in South-East Finland**

Lähdeaho, Oskari; **Hilmola, Olli-Pekka Kristian** International journal of business performance and supply chain modelling 2021 / p. 306-327 <https://doi.org/10.1504/IJBPSM.2021.117912> [Journal metrics at Scopus](#) [Article at Scopus](#)

**SCAAT: Secure cache alternative address table for mitigating cache logical side-channel attacks**

**Shalabi, Ameer; Ghasempouri, Tara; Ellervee, Peeter; Raik, Jaan** 2020 23rd Euromicro Conference on Digital System Design (DSD), 26-28 August 2020, Kranj, Slovenia 2020 / art. 20035366, p. 213-217 <https://doi.org/10.1109/DSD51259.2020.00043>

**Temporal trends in nitrogen concentrations and losses from agricultural catchments in the Nordic and Baltic countries**

Stalnacke, Per; Aakeroy, Paul Andreas; **lital, Arvo** Agriculture, ecosystems and environment 2014 / p. 94-103 : ill

**Temporal trends in nitrogen concentrations in Estonian rivers**

**Klõga, Marija; Maharjan, Bharat** Journal of water security 2015 / p. 37-45 : ill

**Temporal trends in phosphorus concentrations and losses from agricultural catchments in the Nordic and Baltic countries**

Pengerud, Annelene; Stalnacke, Per; **lital, Arvo** Acta agriculturae Scandinavica. Section B, Soil and plant science 2015 / p. 173-185 : ill <http://dx.doi.org/10.1080/09064710.2014.993690>

**Value for money : a cost-effectiveness analysis of microplastic analytics in seawater**

Meyers, Nelle; Kopke, Kathrin; **Buhhalko, Natalja**; Mattsson, Karin; Janssen, Colin R.; Everaert, Gert; De Witte, Bavo Microplastics and nanoplastics 2024 / art. 4 <https://doi.org/10.1186/s43591-024-00081-x>

**Whole building algorithm for indoor air quality classification based on measured CO2 data**

**Aljas, Hans Kristjan; Parts, Tuule Mall; Thalfeldt, Martin** Healthy Buildings 2023 Europe: Beyond Disciplinary Boundaries: proceedings ; 2 2023 / p. 852-859 : ill <https://www.proceedings.com/content/070/070278webtoc.pdf>