

#### **Adaptation of the development of ecological entrepreneurship**

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#### **Adaptive virtual inertia-damping system based on model predictive control for low-inertia microgrids**

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#### **ADCS development for student CubeSat satellites - TalTech case study**

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#### **Advanced sensing materials based on molecularly imprinted polymers towards developing point-of-care diagnostics devices**

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#### **Advancement in production engineering education through Virtual Learning Factory Toolkit concept**

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#### **Application of power line communication technology in street lighting control**

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#### **The ARROWS project : robotic technologies for underwater archaeology**

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**Automatic generation control of a future multisource power system considering high renewables penetration and electric vehicles: Egyptian Power System in 2035**

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**Battery size optimization with customer PV installations and domestic load profile**

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**Bifunctional platinum-free mixed metal oxygen electrocatalysts based on naturally abundant peat**

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**Bioceramic scaffolds by additive manufacturing for controlled delivery of the antibiotic vancomycin**

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**Blockchain and smart contracts for entrepreneurial collaboration in maritime supply chains**

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**Business process optimization based on logistics concepts and technologies**

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**Carbon aerogel platinum-praseodymium oxide nanocatalyst for methanol oxidation in 0.5 M sulfuric acid : (digital presentation)**

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**Characterizing the biofunctionalization of gold surface with total internal reflection fluorescence (TIRF) microscopy**

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**Circular economy approach to recycling technologies of post-consumer textile waste in Estonia : a review**

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**Cobalt and nitrogen co-doped peat derived carbon based catalysts for oxygen reduction**

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**Compact empirical model for droplet generation in a Lab-on-Chip cytometry system**

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**Complete capillary electrophoresis process on a drone : towards a flying micro-lab**

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#### **Corrections to “Opportunities and Challenges of Utilizing Additive Manufacturing Approaches in Thermal Management of Electrical Machines”**

**Ghahfarokhi, Payam Shams;** Podgornovs, Andrejs; **Kallaste, Ants;** Marques Cardoso, Antonio J.; **Belahcen, Anouar; Vaimann, Toomas; Tiismus, Hans; Asad, Bilal** IEEE Access 2021 / p. 62532 <https://doi.org/10.1109/ACCESS.2021.3074827> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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#### **Creep and high temperature fatigue performance of as build selective laser melted Ti-based 6Al-4V titanium alloy**

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**Abdelrahim Abdelghafour, Omar Mohamed; Chub, Andrii; Vinnikov, Dmitri; Blinov, Andrei** IEEE Access 2022 / p. 66974-66991 <https://doi.org/10.1109/ACCESS.2022.3185788> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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#### **Design of a research laboratory drive system for a synchronous reluctance motor for vector control and performance analysis**

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### **Development of cyber-physical production systems based on modelling technologies**

**Mahmood, Kashif; Karaulova, Tatjana; Otto, Tauno; Ševtšenko, Eduard** Proceedings of the Estonian Academy of Sciences 2019 / p. 348–355 : ill [http://www.kirj.ee/32601/?tpl=1061&c\\_tpl=1064](http://www.kirj.ee/32601/?tpl=1061&c_tpl=1064) <https://doi.org/10.3176/proc.2019.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A digital or sustainable small and medium-sized port? Sustainable port blueprint in the baltic sea region based on port benchmarking**

**Meyer, Christopher;** Gerlitz, Laima; Philipp, Robert; Paulauskas, Vytautas Transport and telecommunication journal 2021 / p. 332 - 342 <https://doi.org/10.2478/tjt-2021-0026> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **(Digital) Oxygen reduction reaction on waste tire derived carbon material and synthesized non-platinum group metal catalysts in alkaline solution**

Laanemäe, Joel; Jäger, Rutha; Teppor, Patrick; **Volobujeva, Olga;** Lust, Enn ECS Meeting Abstracts 2022 / p. 39-47 : ill <https://doi.org/10.1149/10807.0039ecst> [Journal metrics at Scopus](#) [Article at Scopus](#)

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### **Digital-toolkit for sports tourism promoting**

**Prokopenko, Olha;** Rusavska, Valentyna; Maliar, Nelia; Tvelina, Alisa; Opanasiuk, Nataliia; Aldankova, Halyna International journal of advanced research in engineering and technology 2020 / p. 84-96 <http://www.iaeme.com/IJARET/issues.asp?JType=IJARET&VType=11&IType=5> [Journal metrics at Scopus](#) [Article at Scopus](#)

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**The modeling and investigation of slot skews and supply imbalance on the development of principal slotting harmonics in squirrel cage induction machines**

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