

### **Active blended learning engineering students : a case study**

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### **An advanced diagnostic approach for broken rotor bar detection and classification in DTC controlled induction motors by leveraging dynamic SHAP interaction feature selection (DSHAP-IFS) GBDT methodology**

**Khan, Muhammad Amir; Asad, Bilal; Vaimann, Toomas; Kallaste, Ants** Machines 2024 / art. 495  
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### **AI applications to enhance resilience in power systems and microgrids - a review**

**Zahraoui, Younes; Korōtko, Tarmo; Rosin, Argo; Mekhilef, Saad; Seyedmahmoudian, Mehdi; Stojcevski, Alex; Alhamrouni, Ibrahim** Sustainability 2024 / art. 4959 <https://doi.org/10.3390/su16124959> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Approaches to strengthen the social cohesion between displaced and host communities**

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**Istenič, Darja; Bodik, Igor; Merisaar, Maret; Gajewska, Magdalena; Šereš, Michal; Griessler Bulc, Tjaša** Sustainability (Switzerland) 2023 / art. 8145 <https://doi.org/10.3390/su15108145> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Challenges and strategies for bio-based and biodegradable plastic waste management in Europe**

**Stasiškienė, Žaneta; Barbir, Jelena; Draudvilienė, Lina; Chong, Zhi Kai; Kuchta, Kerstin; Voronova, Viktoria; Leal Filho, Walter** Sustainability (Switzerland) 2022 / art. 16476 <https://doi.org/10.3390/su142416476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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### **A chameleon algorithm for solving economic dispatch problem in microgrid system**

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## **Determination of heat transfer coefficient from housing surface of a totally enclosed fan-cooled machine during passive cooling**

**Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; Kallaste, Ants; Cardoso, Antonio J. Marques; Belahcen, Anouar; Vaimann, Toomas; Asad, Bilal; Tiismus, Hans** Machines 2021 / art. 120 <https://doi.org/10.3390/machines9060120> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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## **Environmental performance of alternative hospital waste management strategies using life cycle assessment (LCA) approach**

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## **Estimation of harmonic emission of electric vehicles and their impact on low voltage residential network**

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## **Eulerian–Eulerian RSTM-PDF modeling of turbulent particulate flow**

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### Fractional order sliding mode controller based on supervised machine learning techniques for speed control of PMSM

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**Shams Ghahfarokhi, Payam;** Podgornovs, Andrejs; Cardoso, Antonio J. Marques; **Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas** Machines 2022 / art. 1029 <https://doi.org/10.3390/machines10111029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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