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International Researcher IDs

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Education Information

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Control and Automation Engineering, Turkey 2021 - Continues
Undergraduate Double Major, Istanbul Technical University, Elektrik-Elektronik, Control and Automation Engineering, Turkey 2019 - 2022
Undergraduate, Istanbul Technical University, Makina, Manufacturing Engineering, Turkey 2017 - 2021

Foreign Languages

English, C1 Advanced

Research Areas

Control and System Engineering, Robotics and Mechatronics Systems, Electrical and Electronics Engineering, Mechanical Engineering, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, 2022 - Continues

Courses

Digital Electronics Laboratory, Undergraduate, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Development of recycled disposable mask based polypropylene matrix composites: Microwave self-healing via

graphene nanoplatelets

İrez A. B., Okan C., Kaya R., Cebe E.

Sustainable Materials and Technologies, vol.31, 2022 (SCI-Expanded)

Articles Published in Other Journals

I. Development of Recycled PP Based Nano Graphene Reinforced Hybrid Composites and Determination of Mechanical Properties by Micromechanical Methods

irez A. B., RAMAZAN K.

International journal of advances in engineering and pure sciences (Online), vol.34, no.4, pp.569-579, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Implementing Real-time Commands through a Drawing Application in Delta Robot through IIoT Communications

Gani K., Kaya R., Ergün B., Ergenç A. F.

TOK'2023 24. Otomatik Kontrol Ulusal Toplantısı, İstanbul, Turkey, 14 - 16 September 2023, pp.353-359

II. A Discrete-Time Adaptive Current Controller for Harmonic Current Regulation in Permanent Magnet Synchronous Motor Drives

Kaya R., Adıgüzel F.

Mechanika 2023. PROCEEDINGS OF THE 27th INTERNATIONAL SCIENTIFIC CONFERENCE, Kaunas, Lithuania, 26 May 2023, pp.212-218

III. Effect of the Graphene Nanoplatelets (GnPs) on the Mechanical Properties in Recycled PP-Based Hybrid Composites

Okan C., Kaya R., İrez A. B., Cebe E.

SEM Annual Conference and Exposition on Experimental and Applied Mechanics, 2021, Virtual, Online, 14 - 17 June 2021, pp.23-28

Metrics

Publication: 5

Citation (Scopus): 9

H-Index (Scopus): 1