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Education

Doctorate, Yildiz Technical University, Fen Bilimleri Enstitüsü, Mekatronik Mühendisliği (Dr), Turkey 2021 - Continues
Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), Turkey 2017 - 2020

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2011 - 2017

Dissertations

Postgraduate, Elektro-hidrolik bir sistemin akıllı PID kontrol ile denetimi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), 2020

Research Areas

Bioengineering and MEMS, Biomedical Image Processing, Clinical Engineering, Robotics, Mechatronics

Articles Published in Other Journals

I. Skin Lesion Classification Using Convolutional Neural Network and ABCD Rule

Kestek E., Aktan M. E., Akdoğan E.

Turkish Journal of Mathematics and Computer Science, vol.15, no.2, pp.10-22, 2023 (Peer-Reviewed Journal)

Papers Presented at Peer-Reviewed Scientific Conferences

I. Neural Network Based Self-Tuning PID and SMC- PID Controllers for Position Control of Electroactive Polymer Actuators

Kestek E., Söğüt B.

7th International Conference on Engineering Technologies, Konya, Turkey, 24 - 26 November 2023, pp.15-16, (Full Text)

II. Experimental Investigation of Spray Cavitation for Precision Ablation in Human Bladder Tissue using an Advanced Cystoscopy Device

Kestek E.

The 26th Annual European Conference on Micro& Nanoscale Technologies for the Life Sciences, Nanobiotech Montreux, Switzerland, Geneva, Switzerland, 13 - 15 November 2023, (Unpublished)

III. Elektro-Hidrolik Bir Sistemin Akıllı-PID Kontrol ile Denetimi

KESTEK E., İTİK M.

İzmir Demokrasi Üniversitesi Uluslararası Mühendislik Sempozyumu (IES'20), İzmir, Turkey, 13 December 2020, pp.112-114, (Summary Text)