

Res. Asst. MURAT KUMRU

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAL-9764-2021

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Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey
2015 - Continues

Postgraduate, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey
2012 - 2015

Undergraduate, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü,
Turkey 2007 - 2012

Dissertations

Postgraduate, Navigation and control of an unmanned sea surface vehicle, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 2015

Research Areas

Information Systems, Communication and Control Engineering, Control and System Engineering, Robotics and Mechatronics Systems, Signal Processing, Electrical and Electronics Engineering

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2014 - Continues

Refereed Congress / Symposium Publications in Proceedings

I. Extended Target Tracking and Classification Using Neural Networks

TUNCER B., KUMRU M., ÖZKAN E.

22nd International Conference on Information Fusion (FUSION), Ottawa, Canada, 2 - 05 July 2019

II. 3D Extended Object Tracking Using Recursive Gaussian Processes

Kumru M., Özkan E.

2018 21st International Conference on Information Fusion (FUSION), Cambridge, Canada, 10 - 13 July 2018

III. Extended Object Tracking and Shape Classification

Tuncer B., Kumru M., Alatan A. A., Özkan E.

21st International Conference on Information Fusion (FUSION), Cambridge, Canada, 10 - 13 July 2018, pp.267-274

IV. An Approach for System Identification in Unmanned Surface Vehicles

Erünsal I. K., Ahiska K., KUMRU M., LEBLEBİCİOĞLU M. K.

17th International Conference on Control, Automation and Systems (ICCAS), South Korea, 18 - 21 October 2017, pp.194-199

V. Mobility-on-demand scenarios relying on lightweight autonomous and connected vehicles for large pedestrian areas and intermodal hubs

KUMRU M., debada E., Makarem L., Gillet D.

2nd IEEE International, Intelligent Transportation Engineering (ICITE), 2017, 1 - 03 October 2017

VI. A Survey on Tactical Control Algorithms for Path Tracking Unmanned Surface Vehicles

KUMRU M., Leblebicioglu K., Erünsal I. K., Ahiska K.

14th International Conference on Control, Automation, Robotics and Vision (ICARCV), Phuket, Thailand, 13 - 15 November 2016

VII. A Survey on TacticalControl Algorithms for Path Tracking Unmanned Surface Vehicles

LEBLEBİCİOĞLU M. K., ahıska k., KUMRU M., erünsal k.

12th International107Conference on Control, Automation, Robotics and Vision (ICARCV'2016), 13-15November 2016, Phuket, Thailand.International Journal, 13 - 15 November 2016

VIII. Bir İnsansız Suüstü Aracının PID ve LQR Tipi Doğrusal, Geribeslemeli Doğrusallaştıran Tipi Doğrusal OlmayanDenetleçlerle Denetimi

erünsal i. k., KUMRU M., LEBLEBİCİOĞLU M. K.

TOK 2015, Turkey, 10 - 12 September 2015

Metrics

Publication: 10

Citation (WoS): 19

Citation (Scopus): 23

H-Index (WoS): 3

H-Index (Scopus): 3