

Res. Asst. CENK KARAMAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAH-6963-2019

Yoksis Researcher ID: 160212

Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Mekatronik Mühendisliği Bölümü, Turkey 2015 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Control and Automation Engineering, Turkey 2010 - 2014

Undergraduate, Fachhochschule Bochum, Mekatronik, Germany 2005 - 2010

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Mekatronik Mühendisliği Bölümü, Turkey 2005 - 2010

Foreign Languages

German, B1 Intermediate

English, B1 Intermediate

Dissertations

Postgraduate, Esnek Eklemler Manipülasyon Kontrolü, Istanbul Technical University, Fen Bilimleri Enstitüsü, Control and Automation Engineering, 2015

Research Areas

Machine Theory and Dynamics, System Dynamics and Control, Mechanisms, Robotics, Mechatronics, Modeling and Simulation of Dynamic Systems

Academic Titles / Tasks

Research Assistant, Kocaeli University, Fen Bilimleri Enstitüsü, Mekatronik Mühendisliği Bölümü, 2014 - Continues

Research Assistant, Abdullah Gul University, Mühendislik Fakültesi, Mekatronik Mühendisliği, 2012 - 2013

Research Assistant, Istanbul Gedik University, Faculty Of Engineering, Department Of Mechatronics Engineering, 2010 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Advanced robotics analysis toolbox for kinematic and dynamic design and analysis of high-DOF redundant serial manipulators**
Özakyol H., Karaman C., Bingül Z.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.27, no.6, pp.1429-1452, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Design and development of a ball-screw and electrical motor driven industrial electromechanical cylinder**
Fotuhi M., KARAMAN C., BİNGÜL Z.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.40, no.4, pp.822-830, 2022 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Force Control of Industrial Electromechanical Cylinder Drivetrain With A Ball-Screw Mechanism**
KARAMAN C., Fotuhi M., Karataş M., BİNGÜL Z.
10th International Symposium on Intelligent Manufacturing and Service Systems, Sakarya, Turkey, 9 - 11 September 2019
- II. **Kinematic and dynamic analysis and design toolbox of high-DOF hybrid multibody systems**
Özakyol H., Karaman C., Bingül Z.
44th Annual Conference of the IEEE Industrial Electronics Society, IECON 2018, Washington, United States Of America, 20 - 23 October 2018, pp.2558-2563
- III. **Robotics toolbox for kinematic analysis and design of hybrid multibody systems**
Özakyol H., Karaman C., Bingül Z.
18th International Conference on Advanced Robotics, ICAR 2017, Hong Kong, China, 10 - 12 July 2017, pp.401-406

Metrics

Publication: 5

Citation (WoS): 10

Citation (Scopus): 14

H-Index (WoS): 2

H-Index (Scopus): 2