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Education Information

Doctorate, Sabanci University, Faculty Of Engineering And Natural Sciences, Department Of Natural Sciences And Engineering Program, Turkey 2006 - 2012

Postgraduate, Sabanci University, Institute Of Science, Mekatronik Mühendisliği (YI) (Tezli), Turkey 2004 - 2006

Undergraduate, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 1999 - 2003

Dissertations

Doctorate, Software framework for high precision motion control applications, Sabancı Üniversitesi, Mühendislik Ve Doğa Bilimleri Fakültesi, Mühendislik Ve Doğa Bilimleri Programları Bölümü, 2012

Research Areas

Computer Sciences, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition

Academic Titles / Tasks

Assistant Professor, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisligi, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Machine Learning Based Universal Threshold Voltage Extraction of Transistors Using Convolutional Neural Networks**
Kocak H. M., Davis J., Houssa M., NASKALI A. T., Mitard J.
IEEE Transactions on Semiconductor Manufacturing, vol.37, no.4, pp.615-619, 2024 (SCI-Expanded)
- II. An indoor localization dataset and data collection framework with high precision position annotation**

- DANIŞ F. S., NASKALI A. T., Cemgil A. T., Ersoy C.
Pervasive and Mobile Computing, vol.81, 2022 (SCI-Expanded)
- III. **Exploring the evolution of node neighborhoods in Dynamic Networks**
Orman G. K., Labatut V., NASKALI A. T.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.482, pp.375-391, 2017 (SCI-Expanded)
- IV. **Bi-level modularity concept within a robotic assembly module of a microfactory setting**
NASKALI A. T., Kunt E., Sabanovic A.
International Journal of Advanced Manufacturing Technology, vol.66, no.9-12, pp.1255-1269, 2013 (SCI-Expanded)
- V. **Design and development of workstation for microparts manipulation and assembly**
Kunt E. D., NASKALI A. T., Khalil I. S. M., Sabanovic A., Yüksel E.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.19, no.6, pp.973-992, 2011 (SCI-Expanded)
- VI. **Control over imperfect networks: Model-based predictive networked control systems**
Onat A., NASKALI A. T., Parlakay E., Mutluer O.
IEEE Transactions on Industrial Electronics, vol.58, no.3, pp.905-913, 2011 (SCI-Expanded)
- VII. **Scanning From heating: 3D shape estimation of transparent objects From local surface Heating**
Eren G., Aubreton O., Meriaudeau F., Secades L. A. S., Fofi D., NASKALI A. T., Truchetet F., Ercil A.
Optics Express, vol.17, no.14, pp.11457-11468, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **On fraction order modeling and control of dynamical systems**
Khalil I. S. M., NASKALI A. T., Sabanovic A.
IFAC Proceedings Volumes (IFAC-PapersOnline), vol.2, no.PART 1, 2009 (Scopus)

Papers Published in Refereed Scientific Meetings

- I. **Precise Temperature Control for Sensitive Medicines**
Peker M. K., NASKALI A. T., Kilicaslan S., Ozbey N.
2023 IEEE International Conference on Big Data, BigData 2023, Sorrento, Italy, 15 - 18 December 2023, pp.4948-4953
- II. **Pre-diagnosis Support System for Post Covid-19 Syndrome in Turkey**
Kop Naskali Y., NASKALI A. T., ALBAYRAK Y. E.
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.307, pp.787-795
- III. **Combined Machine Learning Techniques for Characteristics Classification and Threshold Voltage Extraction of Transistors**
Kocak H. M., Mitard J., NASKALI A. T.
34th IEEE International Conference on Microelectronic Test Structures, ICMTS 2022, Ohio, United States Of America, 21 March - 15 April 2022, vol.2022-March
- IV. **Detecting Transistor Defects in Medical Systems Using a Multi Model Ensemble of Convolutional Neural Networks**
Kocak H. M., NASKALI A. T., PINARER Ö., Mitard J.
2021 IEEE International Conference on Big Data, Big Data 2021, Virtual, Online, United States Of America, 15 - 18 December 2021, pp.4731-4737
- V. **Regional Analysis of Death Rate due to Air Pollution in Turkey and its Neighbors**
Karazag Y. E., Turhan S. N., PINARER Ö., NASKALI A. T.
2019 IEEE International Conference on Big Data, Big Data 2019, California, United States Of America, 9 - 12 December 2019, pp.2746-2755

- VI. Implementation of a Novel Complex Mechatronics Software Framework on Laser Micromachining Workstation**
Nergiz A. O., NASKALI A. T., Zhakypov Z., Golubovic E., ŠABANOVIĆ A.
IEEE EUROCON Conference, Zagreb, Croatia, 1 - 04 July 2013, pp.910-917
- VII. Development of system supervision and control software for a micromanipulation system**
NASKALI A. T., Kunt E. D., Šabanović A., Eren G.
2012 2nd International Conference on Digital Information and Communication Technology and its Applications, DICTAP 2012, Bangkok, Thailand, 16 - 18 May 2012, pp.120-124
- VIII. The importance of customized advertisement delivery using 3D tracking and facial recognition**
Taspinar M., NASKALI A. T., Eren G., Kurt M.
2012 2nd International Conference on Digital Information and Communication Technology and its Applications, DICTAP 2012, Bangkok, Thailand, 16 - 18 May 2012, pp.520-524
- IX. Miniaturized modular manipulator design for high precision assembly and manipulation tasks**
Kunt E. D., NASKALI A. T., Sabanovic A.
2012 12th IEEE International Workshop on Advanced Motion Control, AMC 2012, Sarajevo, Bosnia And Herzegovina, 25 - 27 March 2012
- X. A field programmable gate array based modular motion control platform**
Koc O., NASKALI A. T., Kunt E. D., Sabanovic A.
2011 IEEE International Conference on Mechatronics, ICM 2011, İstanbul, Turkey, 13 - 15 April 2011, pp.797-802
- XI. Force control in multi-degree-of-freedom flexible systems - Sensorless technique**
Khalil I. S., NASKALI A. T., Sabanovic A.
2009 IEEE International Symposium on Computational Intelligence in Robotics and Automation, CIRA 2009, Daejeon, South Korea, 15 - 18 December 2009, pp.199-204
- XII. A 3D scanner for transparent glass**
Eren G., Aubreton O., Meriaudeau F., Sanchez Secades L., Fofi D., NASKALI A. T., Truchetet F., Ercil A.
15th International Conference on Image Analysis and Processing - ICIAP 2009, Proceedings, Vietri sul Mare, Italy, 8 - 11 September 2009, vol.5716 LNCS, pp.519-527
- XIII. Model based predictive networked control systems**
Onat A., NASKALI A. T., Parlakay E.
17th World Congress, International Federation of Automatic Control, IFAC, Seoul, South Korea, 6 - 11 July 2008, vol.17

Metrics

Publication: 21

Citation (WoS): 10

Citation (Scopus): 276

H-Index (WoS): 1

H-Index (Scopus): 7