Prof. ULUÇ SARANLI

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: A-8383-2018

ScopusID: 6602240964 Yoksis Researcher ID: 178148

Education Information

Doctorate, The University of Michigan, Electrical Engineering And Computer Science, United States Of America 1998 - 2002

Postgraduate, University of Michigan, Mühendislik Fakültesi, Bilgisayar Bilimleri, United States Of America 1996 - 1998 Undergraduate, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1992 - 1996

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Dynamic locomotion with a Hexapod Robot, The University Of Michigan, Electrical Engineering And Computer Science, 2002

Research Areas

Mechanical Engineering, Machine Theory and Dynamics, Robotics, Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2018 - Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2012 - 2018

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2012 - 2012

Assistant Professor, Ihsan Dogramaci Bilkent University, Faculty Of Engineering, Department Of Computer Engineering,

2005 - 2012

Lecturer PhD, Carnegie Mellon University, Faculty Of Engineering, Robotics Institute, 2002 - 2005 Research Assistant, The University of Michigan, Faculty Of Engineering, Electrical Engineering And Computer Science, 1996 - 2002

Advising Theses

SARANLI U., Control of quadruped walking behavior through an embedding of spring loaded inverted pendulum template, Postgraduate, M.KAAN(Student), 2022

SARANLI U., Foothold selection for quadruped robots based on feasible ground reaction force sets, Postgraduate, F.DAVULCU(Student), 2022

SARANLI U., Control of spring-mass running through virtual tuning of leg damping, Doctorate, G.Seçer(Student), 2020 SARANLI U., Synchronization of multiple serially actuated robotic legs using virtual damping control, Postgraduate, M.ÖZEN(Student), 2018

SARANLI U., Identification of legged locomotion via model-based and data-driven approaches, Doctorate, İ.UYANIK(Student), 2017

SARANLI U., Stability and control of a compass gait model walking with series-elastic ankle actuation, Doctorate, D.KERİMOĞLU(Student), 2017

SARANLI U., Estimation of ground reaction forces using forearm crutches instrumented with pressure sensors and accelerometers, Postgraduate, Ç.SEYLAN(Student), 2016

SARANLI U., SARANLI A., A novel real-time inertial motion blur metric with applications to motion blur compensation, Postgraduate, M.MUTLU(Student), 2014

SARANLI A., SARANLI U., A Novel real-time inertial motion blur metric with applications to motion blur compensation /, Postgraduate, M.Mutlu(Student), 2014

SARANLI U., Identification and stability analysis of periodic motions for a planar legged runner with a rigid body and a compliant leg, Postgraduate, G.BAYIR(Student), 2013

SARANLI U., 3D dynamic modeling of a spherical wheeled self-balancing mobile robot, Postgraduate, A.NAİL(Student), 2012

SARANLI U., Using shape information from natural tree landmarks for improving slam performance, Postgraduate, B.TURAN(Student), 2012

SARANLI U., Modeling of flexible needle insertion in moving tissue, Postgraduate, A.DENİZ(Student), 2012

SARANLI U., An actuated flexible spinal mechanism for a bounding quadrupedal robot, Postgraduate, U.ÇULHA(Student), 2012

SARANLI U., Adaptive control of a one-legged hopping robot through dynamically embedded spring loaded inverted pendulum template, Postgraduate, İ.UYANIK(Student), 2011

SARANLI U., Improving visual SLAM by filtering outliers with the aid of optical flow, Postgraduate, T.ÖZASLAN(Student), 2011

SARANLI U., Detection of tree trunks as visual landmarks in outdoor environments, Postgraduate, T.YILDIZ(Student), 2010

SARANLI A., SARANLI U., Control of hexapedal pronking through a dynamically embedded spring loaded inverted pendulum template, Postgraduate, M.MERT(Student), 2010

SARANLI U., A backwards theorem prover with focusing, resource management and constraints for robotic planning within intuitionistic linear logic, Postgraduate, S.KORTİK(Student), 2010

SARANLI U., A USB-based real-time communication infrastructure for robotic platforms, Postgraduate, C.ÖZTÜRK(Student), 2009

SARANLI U., Model based methods for the control and planning of running robots, Postgraduate, Ö.ARSLAN(Student), 2009

SARANLI U., Experiments in integrating constraints with logical reasoning for robotic planning within the twelf logical framework and the prolog language, Postgraduate, M.DUATEPE(Student), 2008

SARANLI U., Line segment based range scan matching without pose information for indoor environments, Postgraduate,

I.YAKIN(Student), 2008

SARANLI U., The universal robot bus: A local communication infrastructure for small robots, Postgraduate, A.AVCI(Student), 2008

Published journal articles indexed by SCI, SSCI, and AHCI

I. Design and verification of a parallel elastic robotic leg

TANFENER E., KARAGÖZ O. K., CANDAN S. Ş., TURGUT A. E., YAZICIOĞLU Y., ANKARALI M. M., SARANLI U. Bioinspiration and Biomimetics, vol.19, no.2, 2024 (SCI-Expanded)

II. Analysis and control of a running spring-mass model with a trunk based on virtual pendulum concept

Karagoz O. K., Secer G., Ankarali M. M., Saranli U.

Bioinspiration and Biomimetics, vol.17, no.4, 2022 (SCI-Expanded)

III. Efficient bipedal locomotion on rough terrain via compliant ankle actuation with energy regulation Kerimoglu D., Karkoub M., Ismail U., MORGÜL Ö., SARANLI U.

BIOINSPIRATION & BIOMIMETICS, vol.16, no.5, 2021 (SCI-Expanded)

IV. The Effects of Clinical and Home-based Physiotherapy Programs in Secondary Head and Neck Lymphedema

Ozdemir K., KESER İ., DÜZLÜ M., ERPOLAT Ö. P., SARANLI U., TUTAR H.

LARYNGOSCOPE, vol.131, no.5, 2021 (SCI-Expanded)

V. Robotic Task Planning Using a Backchaining Theorem Prover for Multiplicative Exponential First-Order Linear Logic

Kortik S., SARANLI U.

JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS, vol.96, no.2, pp.179-191, 2019 (SCI-Expanded)

VI. Frequency-Domain Subspace Identification of Linear Time-Periodic (LTP) Systems Uyanık İ., Saranlı U., Ankaralı M. M., Cowan N., Morgül Ö.

IEEE TRANSACTIONS ON AUTOMATIC CONTROL, vol.64, pp.2529-2536, 2019 (SCI-Expanded)

VII. Control of Planar Spring-Mass Running Through Virtual Tuning of Radial Leg Damping Secer G., SARANLI U.

IEEE TRANSACTIONS ON ROBOTICS, vol.34, no.5, pp.1370-1383, 2018 (SCI-Expanded)

VIII. Estimation of Ground Reaction Forces Using Low-Cost Instrumented Forearm Crutches Seylan C., SARANLI U.

IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, vol.67, no.6, pp.1308-1316, 2018 (SCI-Expanded)

IX. LinGraph: a graph-based automated planner for concurrent task planning based on linear logic Kortik S., SARANLI U.

APPLIED INTELLIGENCE, vol.47, no.3, pp.914-934, 2017 (SCI-Expanded)

X. Stability and control of planar compass gait walking with series-elastic ankle actuation KERIMOGLU D., MORGUL O., SARANLI U.

TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.39, no.3, pp.312-323, 2017 (SCI-Expanded)

XI. Approximate analytical solutions to the double-stance dynamics of the lossy spring-loaded inverted pendulum

SHAHBAZI M., SARANLI U., BABUSKA R., LOPES G. A. D.

BIOINSPIRATION & BIOMIMETICS, vol.12, no.1, 2017 (SCI-Expanded)

XII. Identification of a vertical hopping robot model via harmonic transfer functions

Uyanik I., Ankarali M. M., Cowan N. J., SARANLI U., Morgul O.

TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, vol.38, no.5, pp.501-511, 2016 (SCI-Expanded)

XIII. Experimental Validation of a Feed-Forward Predictor for the Spring-Loaded Inverted Pendulum

Template

Uyanik I., Morgul O., SARANLI U.

IEEE TRANSACTIONS ON ROBOTICS, vol.31, no.1, pp.208-216, 2015 (SCI-Expanded)

XIV. Optimal control of a half-circular compliant legged monopod

AYDIN Y. O., SARANLI A., YAZICIOĞLU Y., SARANLI U., LEBLEBICIOGLU K.

CONTROL ENGINEERING PRACTICE, vol.33, pp.10-21, 2014 (SCI-Expanded)

XV. Reactive Planning and Control of Planar Spring-Mass Running on Rough Terrain

Arslan O., Saranli U.

IEEE TRANSACTIONS ON ROBOTICS, vol.28, no.3, pp.567-579, 2012 (SCI-Expanded)

XVI. Model-Based Proprioceptive State Estimation for Spring-Mass Running

Gur O., Saranli U.

ROBOTICS: SCIENCE AND SYSTEMS VII, pp.105-112, 2012 (SCI-Expanded)

XVII. A Modular Real-Time Fieldbus Architecture for Mobile Robotic Platforms

Saranli U., Avci A., Oeztuerk M. C.

IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, vol.60, no.3, pp.916-927, 2011 (SCI-Expanded)

XVIII. Control of underactuated planar pronking through an embedded spring-mass Hopper template

Ankarali M. M., Saranli U.

AUTONOMOUS ROBOTS, vol.30, pp.217-231, 2011 (SCI-Expanded)

XIX. Analysis and Control of a Dissipative Spring-Mass Hopper with Torque Actuation

ANKARALI M. M., Saranli U.

ROBOTICS: SCIENCE AND SYSTEMS VI, pp.41-48, 2011 (SCI-Expanded)

XX. Approximate analytic solutions to non-symmetric stance trajectories of the passive Spring-Loaded

Inverted Pendulum with damping

Saranli U., Arslan O., Ankarali M. M., Morgul O.

NONLINEAR DYNAMICS, vol.62, pp.729-742, 2010 (SCI-Expanded)

XXI. Stride-to-stride energy regulation for robust self-stability of a torque-actuated dissipative springmass hopper

Ankarali M. M., Saranli U.

CHAOS, vol.20, 2010 (SCI-Expanded)

XXII. Solving models of controlled dynamic planar rigid-body systems with frictional contact

GREENFIELD A., Saranli U., RIZZI A.

INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH, vol.24, no.11, pp.911-931, 2005 (SCI-Expanded)

XXIII. Multi-point contact models for dynamic self-righting of a Hexapod

Saranli U., Rizzi A. A., Koditschek D. E.

Springer Tracts in Advanced Robotics, vol.17, pp.409-424, 2005 (SCI-Expanded)

XXIV. Model-based dynamic self-righting maneuvers for a hexapedal robot

Saranli U., RIZZI A., KODITSCHEK D.

INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH, vol.23, no.9, pp.903-918, 2004 (SCI-Expanded)

XXV. RHex: A biologically inspired hexapod runner

ALTENDORFER R., MOORE N., Komsuolu H., BUEHLER M., BROWN H., MCMORDIE D., Saranli U., FULL R., KODITSCHEK D.

AUTONOMOUS ROBOTS, vol.11, no.3, pp.207-213, 2001 (SCI-Expanded)

XXVI. RHex: A simple and highly mobile hexapod robot

Saranli U., Buehler M., Kodıtschek D.

INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH, vol.20, pp.616-631, 2001 (SCI-Expanded)

XXVII. Evidence for spring loaded inverted pendulum running in a hexapod robot

ALTENDORFER R., Saranli U., KOMSUOGLU H., KODITSCHEK D., BROWN H., BUEHLER M., MOORE N., MCMORDIE D., FULL R.

EXPERIMENTAL ROBOTICS VII, vol.271, pp.291-302, 2001 (SCI-Expanded)

Articles Published in Other Journals

I. Design, modeling and preliminary control of a compliant hexapod robot

Saranli U., Buehler M., Koditschek D. E.

Proceedings-IEEE International Conference on Robotics and Automation, vol.3, pp.2589-2596, 2000 (Scopus)

Books & Book Chapters

I. Analysis and control of a dissipative spring-mass hopper with torque actuation

Ankaralı M. M., Saranlı U.

in: Robotics: Science and Systems VI, Yoky Matsuoka, Hugh Durrant-Whyte, José Neira, Editor, The MIT Press, Cambridge (MA), USA, Massachusetts, pp.41-48, 2011

Refereed Congress / Symposium Publications in Proceedings

I. Contact Consistent Disturbance Estimation for Quadruped Robots

Ozden H. C., Tanfener E., Orhon H. E., Banus O. T., Saranlı U., Ankaralı M. M., Turgut A. E.

20th IEEE International Conference on Automation Science and Engineering, CASE 2024, Bari, Italy, 28 August - 01 September 2024, pp.1081-1087

II. Characterization of Fixed Points of Spring-Mass Model with a Body Govde Eklenmis Yay-Kutle Modelinin Sabit Noktalarinin Karakterizasyonu

Karagoz O. K., Sever I., Dilsad Er G., SARANLI U., ANKARALI M. M.

28th Signal Processing and Communications Applications Conference, SIU 2020, Gaziantep, Turkey, 5 - 07 October 2020

III. Modelling, control and design of a clutched parallel elastically actuated articulated robotic leg through virtual tunable damping

TANFENER E., CANDAN S. Ş., TURGUT A. E., SARANLI U.

ASME 2020 International Mechanical Engineering Congress and Exposition, IMECE 2020, Virtual, Online, 16 - 19 November 2020, vol.7A-2020

IV. Analysis and Control of a Body-Attached Spring-Mass Runner Based on Central Pivot Point Approach Karagoz O. K., Sever I., Saranlı U., Ankaralı M. M.

IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM), ELECTR NETWORK, 6 - 09 July 2020, pp.495-500

V. Characterization of Fixed Points of Spring-Mass Model With a Body

Karagoz O. K., Sever I., Er G. D., SARANLI U., ANKARALI M. M.

28th Signal Processing and Communications Applications Conference (SIU), ELECTR NETWORK, 5 - 07 October 2020

VI. Deadbeat Control of Running with the ATRIAS Biped Based on Spring-Mass Model with Trunk and Tunable Leg Damping

SEÇER G., SARANLI U.

Dynamic Walking, Pensacola, Fl, United States Of America, 21 - 24 May 2018, pp.1-5

VII. Energy efficient control of a 1D hopper through tunable damping

SEÇER G., SARANLI U.

Dynamic Walking, Michigan, United States Of America, 1 - 05 June 2017, pp.1-5

VIII. Energy efficient control of planar monopedal running through tunable damping

Seçer G., SARANLI U.

Dynamic Walking Conference, 4 - 07 July 2016

IX. Parametric Identification of Hybrid Linear-Time-Periodic Systems

Uyanik I., SARANLI U., Morgul O., Aukarah M. M.

6th IFAC Symposium on System Structure and Control (SSSC), İstanbul, Turkey, 22 - 24 June 2016, vol.49, pp.7-12

X. Koltuk Değneklerinden Basınç ve İvme Ölçümleri ile Yeryüzü Tepki Kuvveti Tahmini SEYLAN Ç., SARANLI U.

Türkiye Robotbilim Konferansı, Turkey, 26 - 27 October 2015

XI. Path Following with An Underactuated Self-Balancing Spherical-Wheel Mobile Robot Inal A. N., Morgul O., SARANLI U.

International Conference on Advanced Robotics (ICAR), İstanbul, Turkey, 27 - 31 July 2015, pp.194-199

XII. Toward Data-Driven Models of Legged Locomotion using Harmonic Transfer Functions
Uyanik I., Ankarali M. M., Cowan N. J., Morgul O., SARANLI U.

International Conference on Advanced Robotics (ICAR), İstanbul, Turkey, 27 - 31 July 2015, pp.357-362

XIII. Stability of a Compass Gait Walking Model with Series Elastic Ankle Actuation Kerimoglu D., Morgul O., SARANLI U.

International Conference on Advanced Robotics (ICAR), İstanbul, Turkey, 27 - 31 July 2015, pp.351-356

XIV. Extending The Lossy Spring-Loaded Inverted Pendulum Model with a Slider-Crank Mechanism Orhon H. E., Odabas C., Uyanik I., Morgul O., SARANLI U.

International Conference on Advanced Robotics (ICAR), İstanbul, Turkey, 27 - 31 July 2015, pp.99-104

XV. Identifying Stability Properties of a Hybrid Spring-Mass-Damper via Piecewise LTI Approximation and Harmonic Transfer Functions

Uyanık İ., Ankaralı M. M., Cowan N., Morgül Ö., Saranlı U.

Dynamic Walking 2015, Zürich, Switzerland, 21 - 24 July 2015

XVI. Stability of Planar Compass Gait Walking with Series Elastic Ankle Actuation

Kerimoğlu D., MORGÜL Ö., SARANLI U.

Dynamic Walking Conference, 20 - 24 July 2015

XVII. Independent estimation of input and measurement delays for a hybrid vertical spring-mass-damper via harmonic transfer functions

Uyamk I., Ankarali M. M., Cowan N. J., Saranli U., Morgül Ö., Özbay H.

12th IFAC Workshop on Time Delay Systems, TDS 2015, Michigan, United States Of America, 28 - 30 June 2015, vol.28, pp.298-303

XVIII. System Identification of Legged Locomotion via Harmonic Transfer Functions and Piecewise LTI Approximation

Uyanık İ., Ankaralı M. M., Cowan N., Morgül Ö., Saranlı U.

Dynamic Walking 2014, Zürich, Switzerland, 10 - 13 June 2014

XIX. Linear Planning Logic: An Efficient Language and Theorem Prover for Robotic Task Planning Kortik S., SARANLI U.

IEEE International Conference on Robotics and Automation (ICRA), Hong Kong, PEOPLES R CHINA, 31 May - 07 June 2014, pp.3764-3770

XX. Control of Hopping Through Active Virtual Tuning of Leg Damping for Serially Actuated Legged Robots

SEÇER G., SARANLI U.

IEEE International Conference on Robotics and Automation (ICRA), Hong Kong, PEOPLES R CHINA, 31 May - 07 June 2014, pp.4556-4561

XXI. A Real-Time Inertial Motion Blur Metric: Application to Frame Triggering Based Motion Blur Minimization

Mutlu M., SARANLI A., SARANLI U.

IEEE International Conference on Robotics and Automation (ICRA), Hong Kong, PEOPLES R CHINA, 31 May - 07 June 2014, pp.671-676

XXII. A Real-Time Inertial Motion Blur Metric

Mutlu M., SARANLI A., SARANLI U.

22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.2225-2228

XXIII. Control of Monopedal Running Through Tunable Damping

SEÇER G., SARANLI U.

21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

XXIV. A 3D Dynamic Model of a Spherical Wheeled Self-Balancing Robot

Inal A. N., Morgul O., SARANLI U.

25th IEEE\RSJ International Conference on Intelligent Robots and Systems (IROS), Algarve, Portugal, 7 - 12 October 2012, pp.5381-5386

XXV. A DYNAMIC MODEL OF RUNNING WITH A HALF-CIRCULAR COMPLIANT LEG

Ankarali M. M., SAYGINER E., YAZICIOĞLU Y., SARANLI A., SARANLI U.

15th International Conference on Climbing and Walking Robots and the Support Technologies for Mobile Machines, Maryland, United States Of America, 23 - 26 July 2012, pp.425-432

XXVI. TD-SLIP: A better predictive model for human running

Ankaralı M. M., Cowan N., Saranlı U.

Dynamic Walking 2012, Florida, United States Of America, 21 - 24 May 2012

XXVII. Model-based proprioceptive state estimation for spring-mass running

Gür Ö., Saranlı U.

International Conference on Robotics Science and Systems, RSS 2011, California, United States Of America, 27 June - 01 July 2011, vol.7, pp.105-112

XXVIII. Quadrupedal Bounding with an Actuated Spinal Joint

Culha U., Saranli U.

IEEE International Conference on Robotics and Automation (ICRA), Shanghai, China, 9 - 13 May 2011, pp.1392-1397

XXIX. Adaptive Control of a Spring-Mass Hopper

Uyanik I., Saranli U., Morgul O.

IEEE International Conference on Robotics and Automation (ICRA), Shanghai, China, 9 - 13 May 2011, pp.2138-2143

XXX. Analysis And Control Of A Dissipative Spring-mass Hopper With Torque Actuation

ANKARALI M. M., SARANLI U.

Robotics: Science And Systems, Zaragoza, Spain, 27 - 30 June 2010, pp.41-48

XXXI. Control of Underactuated Planar Hexapedal Pronking Through a Dynamically Embedded SLIP Monopod

Ankaralı M. M., Saranli U., SARANLI A.

IEEE International Conference on Robotics and Automation (ICRA), Alaska, United States Of America, 3 - 08 May 2010, pp.4721-4727

XXXII. Reactive Footstep Planning for a Planar Spring Mass Hopper

Arslan O., Saranli U., Morgul O.

XXXIII. An Analytical Solution to the Stance Dynamics of Passive Spring-Loaded Inverted Pendulum with Damping

ANKARALI M. M., Arslan O., Saranli U.

12th International Conference on Climbing and Walking Robots the Support Technologies for Mobile Machines (CLAWAR), İstanbul, Turkey, 9 - 11 September 2009, pp.693-700

XXXIV. An Approximate Stance Map of The Spring Mass Hopper with Gravity Correction For Nonsymmetric Locomotions

Arslan O., Saranli U., Morgul O.

IEEE International Conference on Robotics and Automation, Kobe, Japan, 12 - 17 May 2009, pp.1829-1830

XXXV. Using constrained intuitionistic linear logic for hybrid robotic planning problems

Saranli U., Pfenning F.

IEEE International Conference on Robotics and Automation, Rome, Italy, 10 - 14 April 2007, pp.3705-3706

XXXVI. Robotics in scansorial environments

AUTUMN K., BUEHLER M., CUTKOSKY M., FEARING R., FULL R., GOLDMAN D., GROFF R., PROVANCHER W., RIZZI A.,

Saranli U., et al.

Conference on Unmanned Ground Vehicle Technology VII, Florida, United States Of America, 29 - 31 March 2005, vol.5804, pp.291-302

XXXVII. Multi-point contact models for dynamic self-righting of a hexapod

Saranli U., RIZZI A., KODITSCHEK D.

6th International Workshop on Algorithmic-Foundations-of-Robotics, Zeist, Netherlands, 11 - 13 July 2004, vol.17, pp.409-424

XXXVIII. Template based control of hexapedal running

Saranli U., KODITSCHEK D.

20th IEEE International Conference on Robotics and Automation (ICRA), Taipei, Taiwan, 14 - 19 September 2003, pp.1374-1379

XXXIX. Back flips with a hexapedal robot

Saranli U., KODITSCHEK D.

19th IEEE International Conference on Robotics and Automation (ICRA), Washington, Kiribati, 11 - 15 May 2002, pp.2209-2215

XL. Evidence for Spring Loaded Inverted Pendulum Running in a Hexapod Robot

Altendorfer R., SARANLI U., Komsuoğlu H., Koditschek D. E., Brown H. B., Buehler M., Moore N., McMordie D., Full R. International Symposium on Experimental Robotics, 11 - 13 December 2000

XLI. Proprioception based behavioral advances in a hexapod robot

Komsuoglu H., McMordie D., Saranli S., Moore N., Buehler M., Koditschek D.

IEEE International Conference on Robotics and Automation, Seoul, South Korea, 21 - 26 May 2001, pp.3650-3655

XLII. Toward the control of a multi-jointed, monoped runner

Saranli U., SCHWIND W., KODITSCHEK D.

IEEE International Conference on Robotics and Automation, Leuven, Belgium, 16 - 20 May 1998, pp.2676-2682

Supported Projects

SARANLI U., Project Supported by Higher Education Institutions, Küresel tekerlekli mobil robotlarda denge, yörünge kontrolü ve yol planlaması, 2013 - 2019

Patent

SARANLI U., Single actuator per leg robotic hexapod, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, Standard Registration, 2002

Scientific Refereeing

International Journal on Robotics Research, National Scientific Refreed Journal, April 2018

Metrics

Publication: 73

Citation (WoS): 1957 Citation (Scopus): 2524 H-Index (WoS): 16 H-Index (Scopus): 18

Congress and Symposium Activities

IEEE International Conference on Robotics and Intelligent Systems, Invited Speaker, Madrid, Spain, 2018