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Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Fen Bilimleri, Makina Mühendisliği, Türkiye 2002 - 2007

Yabancı Diller

İngilizce, C1 İleri

Araştırma Alanları

Makina Mühendisliği, Makina Teorisi ve Dinamiği, Mekanizmalar , Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Öğretim Görevlisi Dr., Hacettepe Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2007 - Devam Ediyor

Verdiği Dersler

MEKANİZMA TASARIMI, Yüksek Lisans, 2016 - 2017
ARAÇ ŞASİ VE AKTARMA ORGANLARI İLKELERİ, Lisans, 2016 - 2017

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Transmission angle in compliant four-bar mechanism**
KARAKUŞ R., TANIK E.
International Journal of Mechanics and Materials in Design, cilt.19, sa.3, ss.713-727, 2023 (SCI-Expanded)

II. **On the analysis and design of a fully compliant large stroke slider-crank (rocker) mechanism**
Tanik C. M., TANIK E., YAZICIOĞLU Y., PARLAKTAŞ V.
MECHANICAL SCIENCES, cilt.11, sa.1, ss.29-38, 2020 (SCI-Expanded)

III. **The Design and Manufacturing Process of an Electric Sport Car (EVT S1) Chassis**
PARLAKTAŞ V., TANIK E., Babaarslan N., Calik G. B.

IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF MECHANICAL ENGINEERING, 2019 (SCI-Expanded)

IV. **On the design of a novel fully compliant spherical four-bar mechanism**
PARLAKTAŞ V., TANIK E., Tanik C. M.
ADVANCES IN MECHANICAL ENGINEERING, cilt.11, sa.9, 2019 (SCI-Expanded)

V. **Novel compliant wiper mechanism**
KARAKUŞ R., TANIK E.
MECHANICAL SCIENCES, cilt.9, sa.2, ss.327-336, 2018 (SCI-Expanded)

VI. **Analysis and design of an underactuated compliant five-bar mechanism**
TANIK E.
MECHANISM AND MACHINE THEORY, cilt.102, ss.123-134, 2016 (SCI-Expanded)

VII. **On the analysis of double wishbone suspension regarding steering input and anti-dive/lift effect**
TANIK E., PARLAKTAŞ V.
JOURNAL OF ADVANCED MECHANICAL DESIGN SYSTEMS AND MANUFACTURING, cilt.10, sa.2, 2016 (SCI-Expanded)

VIII. **DESIGN OF A VERY LIGHT L7E ELECTRIC VEHICLE PROTOTYPE**
TANIK E., PARLAKTAŞ V.
INTERNATIONAL JOURNAL OF AUTOMOTIVE TECHNOLOGY, cilt.16, sa.6, ss.997-1005, 2015 (SCI-Expanded)

IX. **Steel compliant Cardan universal joint**
TANIK Ç. M., PARLAKTAŞ V., TANIK E., Kadioglu S.
MECHANISM AND MACHINE THEORY, cilt.92, ss.171-183, 2015 (SCI-Expanded)

X. **On the analysis of double wishbone suspension**
TANIK E., PARLAKTAŞ V.
JOURNAL OF ADVANCED MECHANICAL DESIGN SYSTEMS AND MANUFACTURING, cilt.9, sa.3, 2015 (SCI-Expanded)

XI. **A novel design method for underactuated variable oscillation mechanisms**
TANIK E., SÖYLEMEZ E.
JOURNAL OF ADVANCED MECHANICAL DESIGN SYSTEMS AND MANUFACTURING, cilt.9, sa.1, 2015 (SCI-Expanded)

XII. **Fully compliant spatial four-bar mechanism**
TANIK E., PARLAKTAŞ V.
JOURNAL OF ADVANCED MECHANICAL DESIGN SYSTEMS AND MANUFACTURING, cilt.9, sa.1, 2015 (SCI-Expanded)

XIII. **Single piece compliant spatial slider-crank mechanism**
PARLAKTAŞ V., TANIK E.
MECHANISM AND MACHINE THEORY, cilt.81, ss.1-10, 2014 (SCI-Expanded)

XIV. **Compliant Cardan Universal Joint**
TANIK E., PARLAKTAŞ V.
JOURNAL OF MECHANICAL DESIGN, cilt.134, sa.2, 2012 (SCI-Expanded)

XV. **Partially compliant spatial slider-crank (RSSP) mechanism**
PARLAKTAŞ V., TANIK E.
MECHANISM AND MACHINE THEORY, cilt.46, sa.11, ss.1707-1718, 2011 (SCI-Expanded)

XVI. **Transmission angle in compliant slider-crank mechanism**
Tanik E.
MECHANISM AND MACHINE THEORY, cilt.46, sa.11, ss.1623-1632, 2011 (SCI-Expanded)

XVII. **A new type of compliant spatial four-bar (RSSR) mechanism**
TANIK E., PARLAKTAŞ V.
MECHANISM AND MACHINE THEORY, cilt.46, sa.5, ss.593-606, 2011 (SCI-Expanded)

XVIII. **Analysis and design of a compliant variable stroke mechanism**
TANIK E., SÖYLEMEZ E.
MECHANISM AND MACHINE THEORY, cilt.45, sa.10, ss.1385-1394, 2010 (SCI-Expanded)

XIX. **On the synthesis of a geared four-bar mechanism**
PARLAKTAŞ V., SÖYLEMEZ E., TANIK E.
MECHANISM AND MACHINE THEORY, cilt.45, sa.8, ss.1142-1152, 2010 (SCI-Expanded)

Desteklenen Projeler

TANIK E., Yükseköğretim Kurumları Destekli Proje, Bir Esnek Silecek Mekanizması, 2014 - 2016

Metrikler

Yayın: 19
Atıf (WoS): 147
Atıf (Scopus): 110
H-İndeks (WoS): 9
H-İndeks (Scopus): 7

Akademi Dışı Deneyim

ODTÜ