

## Prof. SAMİ TURGUT TÜMER

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAO-5721-2021

ScopusID: 6603777395

### Foreign Languages

English, C1 Advanced

### Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Makine Mühendisliği Bölümü, 1992 - Continues

### Academic and Administrative Experience

Odtü Kuzey Kıbrıs Kampusu, Mühendislik Ve Fen Bilimleri, 2006 - Continues

### Advising Theses

TÜMER S. T., Tümer S., Biomechanical modeling of lower extremity and simulation of foot during gait, Doctorate, H.Cenk(Student), 1998

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Reliability and validity testing of an archery chronometer**  
Ertan H., Kentel B., Tumer S., Korkusuz F.  
JOURNAL OF SPORTS SCIENCE AND MEDICINE, vol.4, no.2, pp.95-104, 2005 (SCI-Expanded)
- II. **Activation patterns in forearm muscles during archery shooting**  
Ertan H., Kentel B., Tumer S., Korkusuz F.  
HUMAN MOVEMENT SCIENCE, vol.22, no.1, pp.37-45, 2003 (SCI-Expanded)
- III. **Marker detection and trajectory generation algorithms for a multicamera based gait analysis system**  
Shafiq M., Tumer S., Guler H.  
MECHATRONICS, vol.11, no.4, pp.409-437, 2001 (SCI-Expanded)
- IV. **NONLINEAR DYNAMIC-MODEL AND ITS SOLUTION FOR A HIGH-SPEED CAM MECHANISM WITH COULOMB-FRICTION**  
UNLUSOY Y., TUMER S.  
JOURNAL OF SOUND AND VIBRATION, vol.169, no.3, pp.395-407, 1994 (SCI-Expanded)

- V. **3-BODY SEGMENT DYNAMIC-MODEL OF THE HUMAN KNEE**  
TUMER S., ENGIN A.  
JOURNAL OF BIOMECHANICAL ENGINEERING-TRANSACTIONS OF THE ASME, vol.115, no.4, pp.350-356, 1993  
(SCI-Expanded)
- VI. **ANALYTICAL DYNAMIC-RESPONSE OF ELASTIC CAM-FOLLOWER SYSTEMS WITH DISTRIBUTED-PARAMETER RETURN SPRING**  
UNLUSOY Y., TUMER S.  
JOURNAL OF MECHANICAL DESIGN, vol.115, no.3, pp.612-620, 1993 (SCI-Expanded)
- VII. **IMPROVED DYNAMIC-MODEL OF THE HUMAN KNEE-JOINT AND ITS RESPONSE TO IMPACT LOADING ON THE LOWER LEG**  
ENGIN A., TUMER S.  
JOURNAL OF BIOMECHANICAL ENGINEERING-TRANSACTIONS OF THE ASME, vol.115, no.2, pp.137-143, 1993  
(SCI-Expanded)
- VIII. **NONDIMENSIONAL ANALYSIS OF JUMP PHENOMENON IN FORCE-CLOSED CAM MECHANISMS**  
TUMER S., UNLUSOY Y.  
MECHANISM AND MACHINE THEORY, vol.26, no.4, pp.421-432, 1991 (SCI-Expanded)

## **Metrics**

Publication: 11

Citation (WoS): 148

Citation (Scopus): 192

H-Index (WoS): 7

H-Index (Scopus): 7