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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**
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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.
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- 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
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- VI. **ANALYTICAL DYNAMIC-RESPONSE OF ELASTIC CAM-FOLLOWER SYSTEMS WITH DISTRIBUTED-PARAMETER RETURN SPRING**
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- 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
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- 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