

Res. Asst. Mehmet Sait Özer

Personal Information

Email: ozermehmet1@itu.edu.tr

Education Information

Doctorate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makina Mühendisliği (Dr), Turkey 2014 - Continues
Postgraduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makina Dinamiği, Titreşim Ve Akustiği (YI), Turkey 2011 - 2014

Undergraduate, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey 2007 - 2011

Foreign Languages

English

Dissertations

Postgraduate, Viskoelastik mazlemelerin karakterizasyonu ve viskoelastik malzemeli yapıların modellenmesi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makina Dinamiği, Titreşim Ve Akustiği (YI), 2014

Research Areas

Technical Sciences, Mechanical Engineering, Machine Theory and Dynamics, Mechanisms, Acoustics and Noise Control, Modeling and Simulation of Dynamic Systems, Mechanical Vibrations

Academic Titles / Tasks

Research Assistant, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, 2013 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Development of an equivalent shell finite element for modelling damped multi-layered composite structures**
Özer M. S. , KÖRÜK H., Şanlıtürk K. Y.
COMPOSITE STRUCTURES, vol.254, 2020 (Journal Indexed in SCI)
- II. **Testing non-magnetic materials using Oberst Beam Method utilising electromagnetic excitation**
Özer M. S. , KÖRÜK H., Şanlıtürk K. Y.
JOURNAL OF SOUND AND VIBRATION, vol.456, pp.104-118, 2019 (Journal Indexed in SCI)
- III. **Characterization of Viscoelastic Materials Using Free-Layered and Sandwiched Samples: Assessment and Recommendations**
Özer M. S. , Koruk H., Şanlıtürk K. Y.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.1251-1254, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Experimental evaluation on noise reduction performance of a motorcycle helmet**
ÖZER M. S. , TERZİOĞLU F., ÖZTÜRK S.
International Journal of Automotive Engineering and Technologies, vol.8, no.3, pp.125-133, 2019 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Characterization of non-magnetic materials using Oberst beam method utilising electromagnetic exciter**
ÖZER M. S. , KÖRÜK H., ŞANLITÜRK K. Y.
Workshop on Recent Advances in Damping Modelling and Experiments, Londrina, Brazil, 11 November 2019
- II. **Manyetik Olmayan Malzemelerin Elektromanyetik Sarsıcı Kullanılarak Oberst Kiriş Yöntemiyle Test Edilmesi**
ÖZER M. S. , KÖRÜK H., ŞANLITÜRK K. Y.
19. Ulusal Makina Teorisi Sempozyumu, İskenderun, Turkey, 4 - 06 September 2019, pp.162-171
- III. **A study of noise source localization in motorcycles**
ÖZER M. S. , TERZİOĞLU F., ÖZTÜRK S.
The 46th International Congress and Exposition on Noise Control Engineering, Hong Kong, 27 - 30 August 2017
- IV. **On noise reduction of motorcycle helmets**
TERZİOĞLU F., ÖZER M. S. , ÖZTÜRK S.
The 46th International Congress and Exposition on Noise Control Engineering, Hong Kong, 27 - 30 August 2017
- V. **Systematic Analysis Of Washing Machine Front Block**
Özer M. S. , Kırkayak L., Altınkaynak A., Ataş O., Ötenkuş U. F.
ICAME2016, İstanbul, Turkey, 10 - 23 May 2016, pp.153-157
- VI. **Evaluation and validation of modal strain energy and complex eigenvalue methods for modelling damped composite structures**
Özer M. S. , Körük H., Şanlıtürk K. Y.
International Conference on Advances in Composite Materials and Structures, İstanbul, Turkey, 13 - 15 April 2015, pp.63
- VII. **Nonlinear Stiffening and Damping Effects of Non-contact Excitation System in Oberst Test Rig**
Körük H., Özer M. S. , Şanlıtürk K. Y.
5th Conference on Nonlinear Vibrations, Localization and Energy Transfer - NV2014, İstanbul, Turkey, 2 - 04 July 2014, pp.95-96

Citations

Total Citations (WOS):2

h-index (WOS):1