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

- I. **Development of Bolted Flange Design Tool Based on Artificial Neural Network**  
Yildirim A., Akay A. A. , Gülasik H., Çöker D., Gürses E., Kayran A.  
Journal of Pressure Vessel Technology, Transactions of the ASME, vol.141, 2019 (Journal Indexed in SCI)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **EXPERIMENTAL STUDY AND FINITE ELEMENT ANALYSIS OF DOVETAIL ATTACHMENTS**  
Akay A. A. , Çöker D., Kayran A., Gürses E.  
ASME International Mechanical Engineering Congress and Exposition, Tama, Japan, 3 - 09 November 2017
- II. **Implementation of the Submodelling Technique on the Dovetail Attachments”**  
Akay A. A. , Çöker D., Kayran A., Gürses E.  
9th Ankara International Aerospace Conference, Ankara, Turkey, 20 - 22 September 2017
- III. **Eksenel Kesme ve Moment Yükü Altındaki Flanşlar İçin Yapay Sinir Ağına Dayalı Cıvatalı Flanş Tasarım Aracı Geliştirilmesi**  
Şanlı V., Akay A. A. , Yıldırım A., Gürses E., Çöker D., Kayran A.  
VI. Ulusal Havacılık ve Uzay Konferansı (UHUK), Kocaeli, Turkey, 28 - 30 September 2016
- IV. **IMECE2015 51021 DEVELOPMENT OF BOLTED FLANGE DESIGN TOOL BASED ON FINITE ELEMENT ANALYSIS AND ARTIFICIAL NEURAL NETWORK**  
yıldırım a., hasan g., AKAY A. A. , GÜRSES E., ÇÖKER D., KAYRAN A.  
IMECE2015 - ASME 2015 International Mechanical Engineering Congress & Exposition, Houston, 13 - 19 November 2015
- V. **PARAMETERS CORRELATION STUDY TO INVESTIGATE THE EFFECTS OF GEOMETRIC VARIABLES ON THE SAFETY OF BOLTED FLANGE CONNECTIONS**  
Yildirim A., Akay A. A. , Gulasik H., Çöker D., Gürses E., Kayran A.  
8th Ankarar International Aerospace Conference, Ankara, Turkey, 10 - 12 September 2015
- VI. **MODELING OF A CIRCULAR DOUBLE FLANGE JOINT INCLUDING CONTACT AND FRICTION EFFECTS**  
Akay A. A. , Gulasik H., Yıldırım A., Çöker D., Kayran A., Gürses E.  
8th Ankara International Aerospace Conference, Ankara, Turkey, 10 - 12 September 2015
- VII. **Modeling of Circular Double Flange Joint Including Contact and Friction Effects**  
AKAY A. A. , Gülaşık H., Yıldırım A., ÇÖKER D., KAYRAN A., GÜRSES E.  
8th Ankara International Aerospace Conference-AIAC, Ankara, Turkey, 10 - 12 September 2015