

## Personal Information

Email: volkan.aygul@kocaeli.edu.tr

## Education Information

Doctorate, Kocaeli Üniversitesi, Teknoloji Fakültesi, Otomotiv Mühendisliği Bölümü, Turkey 2014 - Continues

Post Graduate, Kocaeli Üniversitesi, Teknoloji Fakültesi, Otomotiv Mühendisliği Bölümü, Turkey 2012 - Continues

Post Graduate, Kocaeli Üniversitesi, Mühendislik Fakültesi, Mekatronik Mühendisliği Bölümü, Turkey 2011 - Continues

## Dissertations

Post Graduate, TEK SİLİNDİRLİ İÇTEN YANMALI BİR MOTORDA ELEKTROMEKANİK SUPAP KONTROL

MEKANİZMASININ TASARLANMASI, Kocaeli Üniversitesi, Teknoloji Fakültesi, Otomotiv Mühendisliği Bölümü, 2014

## Academic Titles / Tasks

Research Assistant, Kocaeli Üniversitesi, Teknoloji Fakültesi, Otomotiv Mühendisliği Bölümü, 2012 - Continues

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

- **Comprehensive study on automation of toxic gas measurement**

AYAZ M., Tasdemirci E., YUKSEL H., AYGÜL V.

ARABIAN JOURNAL OF GEOSCIENCES, vol.11, 2018 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- **Modeling of An Electromagnetic Valve Actuator for Gasoline Engines Based on FEM Analysis**

AYGÜL V., AYAZ M., ÖZSEZEN A. N.

4. International Congress on Mathematics, Engineering, Natural and Health Sciences (EJONS, 2018), KIEV, Ukraine, 11 - 13 Ağustos 2018, pp.227-234

- **The Effect of Electromechanical Valve System on the Volumetric Efficiency of a Single Cylinder Gasoline Engine**

AYGÜL V., ÖZSEZEN A. N. , ALPTEKİN E., TÜRKCAN A., ÇANAKCI M.

6th European Conference on Renewable Energy Systems (ECRES 18), İstanbul, Turkey, 25 - 27 Haziran 2018, vol.1, pp.344-350

- **Design and Implementation of an Electromagnetic Valve Actuator for IC Engines**

AYGÜL V., AYAZ M., ÖZSEZEN A. N.

2nd International Conference on Computer Science, Engineering and Applied Science (ICCSEAS 2017), Paris, France, 28 - 29 November 2017

- **Modelling of the Effect of Electromechanic Valve Mechanism on Air Flow Parameters in a Spark Ignition Engine**

DEMİR U., AYGÜL V., COŞKUN G., SOYHAN H. S. , TÜRKCAN A., ALPTEKİN E., ÇANAKCI M.

International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 21 Ekim 2017, vol.1, pp.3452

- **Experimental Investigation of Valve Control in a Spark Ignition Engine with Electromechanical Valve Mechanism Technique**

AYGÜL V., ÖZSEZEN A. N. , TÜRKCAN A., ALPTEKİN E.

8th International Advanced Technologies Symposium, IATS17, 19 - 22 Ekim 2017, vol.1, pp.189-196

- **Modeling of the Effect of Electromechanic Valve Mechanism on Air Flow Parameters in a Spark Ignition Engine**  
DEMİR Ü., AYGÜL V., ÇOŞKUN G., SOYHAN H. S. , TÜRKCAN A., ALPTEKİN E., ÇANAKCI M.  
8th International Advanced Technologies Symposium, 19 - 22 Ekim 2017, vol.1, pp.3543-3552
- **Comparative Study on Control Methods for Air Conditioning of Industrial Paint Booths**  
AYAZ M., AYGÜL V., DÜZENLİ F., TAŞDEMİRCİ E.  
International Conference on Computational and Experimental Science and Engineering (ICCESEN 2017), 4 - 08 October 2017, vol.1, pp.460
- **TEK SİLİNDİRLİ BUJİ ATEŞLEMELİ BİR MOTORUN SİLİNDİR İÇİ HAVA AKIŞ PARAMETRELERİNİN İNCELENMESİ**  
DEMİR Ü., AYGÜL V., COŞKUN G., SOYHAN H. S. , TÜRKCAN A., ALPTEKİN E., ÇANAKCI M.  
5th International Symposium on Innovative Technologies in Engineering and Science, Baku, Azerbaijan, 29 - 30 Eylül 2017, pp.1520-1529
- **Tek Silindirli Buji Ateşlemeli Bir Motor İçin Hava Akış Parametrelerinin İncelenmesi**  
DEMİR U., AYGÜL V., COŞKUN G., SOYHAN H. S. , TÜRKCAN A., ALPTEKİN E., ÇANAKCI M.  
5th International Symposium on Innovative Technologies in Engineering and Science (ISITES 2017), Baku, Azerbaijan, 29 - 30 Eylül 2017, vol.1, pp.1520-1529

## Citations

Total Citations (WOS):1

h-index (WOS):1