

## Res. Asst. Kaan Deveci

### Personal Information

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### Education Information

Postgraduate, Istanbul Technical University, Enerji Enstitüsü, Enerji Bilimi Ve Teknolojileri, Turkey 2016 - Continues

Postgraduate, Bahcesehir University, Faculty Of Business Administration, İşletme , Turkey 2014 - Continues

Undergraduate Double Major, Bahcesehir University, Faculty Of Engineering, Mekatronik Mühendisliği, Turkey 2011 - 2014

Undergraduate, Bahcesehir University, Faculty Of Engineering, Enerji Sistemleri Mühendisliği, Turkey 2010 - 2014

### Foreign Languages

German, A1 Beginner

English, B2 Upper Intermediate

### Research Areas

Technical Sciences, Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Evolutionary Computing, Neural Networks, Mechanical Engineering, Energy, Fluid Machinery, Wind power

### Academic Titles / Tasks

Research Assistant, Turkish - German University, Faculty Of Science, Department Of Energetics And Its Technologies, 2016 - Continues

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

- I. **A modified interval valued intuitionistic fuzzy CODAS method and its application to multi-criteria selection among renewable energy alternatives in Turkey**  
Deveci K., Cin R., Kağızman A.  
Applied Soft Computing Journal, vol.96, 2020 (Journal Indexed in SCI)
- II. **Electrical Layout Optimization of Onshore Wind Farms Based on a Two-Stage Approach**  
Deveci K., Barutçu B., ALPMAN E., Tascikaraoglu A., ERDİNÇ O.  
IEEE TRANSACTIONS ON SUSTAINABLE ENERGY, vol.11, no.4, pp.2407-2416, 2020 (Journal Indexed in SCI)
- III. **A CMOPSO based multi-objective optimization of renewable energy planning: Case of Turkey**  
Deveci K., Güler Ö.  
Renewable Energy, vol.155, pp.578-590, 2020 (Journal Indexed in SCI)
- IV. **A Genetic Algorithm Based Multi-Objective Optimization of Squealer Tip Geometry in Axial Flow**

### **Turbines: A Constant Tip Gap Approach**

Maral H., Senel C. B. , Deveci K., ALPMAN E., Kavurmacioğlu L. A. , Camci C.

JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME, vol.142, no.2, 2020 (Journal Indexed in SCI)

### **Articles Published in Other Journals**

#### **I. AEROTHERMAL OPTIMIZATION OF SQUEALER GEOMETRY IN AXIAL FLOW TURBINES USING GENETIC ALGORITHM**

Deveci K., MARAL H., SENEL C. B. , Alpman E., Kavurmacioğlu L. A. , CAMCI C.

JOURNAL OF THERMAL ENGINEERING, vol.4, no.3, pp.1896-1911, 2018 (Journal Indexed in ESCI)

### **Citations**

Total Citations (WOS):18

h-index (WOS):3