

## Res. Asst. MURAT ERBAŞ

### Personal Information

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### Education Information

Undergraduate, Middle East Technical University, Faculty Of Engineering, Makine Mühendisliği Bölümü, Turkey 2006 - 2011

### Research Areas

Pipeline Engineering and Technology, Fluid Machinery, Computational fluid dynamics, Gas Hydrates

### Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Makina Mühendisliği, 2012 - Continues

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

- I. **Thermo-fluid multi-physics modeling and experimental verification of volumetric workpiece material removal by a discharge pulse in electric discharge machining process**  
ERDEM O., ÇOĞUN C., USLAN İ., ERBAŞ M.  
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.53, no.39, 2020 (SCI-Expanded)
- II. **Design and multi-objective optimization of organic Rankine turbine**  
ERBAŞ M., BIYIKOĞLU A.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.40, no.44, pp.15343-15351, 2015 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **DESIGN AND OPTIMIZATION OF A LOW TEMPERATURE ORGANIC RANKINE CYCLE AND TURBINE**  
ERBAŞ M., Sofuoglu M. A., BIYIKOĞLU A., USLAN İ.  
ASME International Mechanical Engineering Congress and Exposition (IMECE2013), California, United States Of America, 15 - 21 November 2013
- II. **DEVELOPMENT OF A SWIRL NOZZLE FOR POWDER TECHNOLOGY**  
Sofuoglu M. A., ERBAŞ M., USLAN İ., BIYIKOĞLU A.  
ASME International Mechanical Engineering Congress and Exposition (IMECE2013), California, United States Of America, 15 - 21 November 2013
- III. **DESIGN OF A NOZZLE FOR THE PRODUCTION OF METAL POWDER VIA GAS ATOMIZATION**  
Sofuoglu M. A., ERBAŞ M., USLAN İ., BIYIKOĞLU A.  
ASME International Mechanical Engineering Congress and Exposition (IMECE2013), California, United States Of America, 15 - 21 November 2013

**IV. Design of low temperature Organic Rankine Cycle and turbine**

ERBAŞ M., BIYIKOĞLU A.

4th International Conference on Power Engineering, Energy and Electrical Drives, Istanbul, Turkey, Turkey, 13 - 17 May 2013, pp.1065-1070

**V. ELEKTRONİK CİHAZLARIN SOĞUTULMASINDA KULLANILAN ISI BORULARININ SAYISAL VE DENEYSEL OLARAK İNCELENMESİ**

ÖZSUNAR A., ERBAŞ M.

ULIBTK'13 19. Ulusal Isı Bilimi ve Tekniği Kongresi 9-12 Eylül 2013, SAMSUN, Turkey, 9 - 12 September 2013

**Metrics**

Publication: 7

Citation (WoS): 16

Citation (Scopus): 19

H-Index (WoS): 2

H-Index (Scopus): 3