

## **Res. Asst. ÜMMÜGÜL ERÖZBEK GÜNGÖR**

### **Personal Information**

**Email:** ummugul@metu.edu.tr

### **Education Information**

Doctorate, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, Turkey 2012 - Continues

### **Dissertations**

Doctorate, Surface modification of unsized pan-based carbon fiber by using high frequency single and dual RF discharge system, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2014

### **Academic Titles / Tasks**

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2012 - Continues

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

- Study of high radio frequency plasma discharge effects on carbon fiber using Raman spectroscopy**  
Akbar D., ERÖZBEK GÜNGÖR Ü.  
SURFACE & COATINGS TECHNOLOGY, vol.240, pp.233-242, 2014 (Journal Indexed in SCI)

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

- High frequency capacitively coupled RF plasma discharge effects on the order disorder structure of PAN based carbon fiber**  
ERÖZBEK GÜNGÖR Ü., BİLİKMEN S. K., AKBAR D.  
Journal of Theoretical and Applied Physics, vol.8, is.127, pp.1-8, 2014 (Refereed Journals of Other Institutions)

### **Books & Book Chapters**

- Electron Heating Mode Transitions in Nitrogen (13.56 and 40.68) MHz RF-CCPs**  
ERÖZBEK GÜNGÖR Ü., BİLİKMEN S. K., AKBAR D.  
in: Bulletin of the American Physical Society, , Editor, The American Physical Society , Honolulu, Hawaii, pp.21-22, 2015

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

- I. **Experimental Heating Analysis of High Frequency RF CCP**  
ERÖZBEK GÜNGÖR Ü., BİLİKMEN S. K., AKBAR D.  
Workshop on the Exploration of Low-Temperature Plasma Physics (WELTPP-18), Kerkrade, Netherlands, 3 - 04 December 2015
- II. **MODE TRANSITIONS IN LOW-PRESSURE NITROGEN RF-CCP AT DIFFERENT FREQUENCIES**  
ERÖZBEK GÜNGÖR Ü., Bilikmen S. K.  
IEEE International Conference on Plasma Sciences (ICOPS), Belek, Turkey, 24 - 28 May 2015
- III. **The Effects of High Frequency RF Capacitively Coupled Plasma on Tensile Strain and Functional Groups of PAN based Carbon Fiber**  
ERÖZBEK GÜNGÖR Ü., BİLİKMEN S. K.  
The International Middle East Plasma Science (IMEPS), Antalya, Turkey, 23 - 25 April 2014

## **Citations**

Total Citations (WOS):17

h-index (WOS):1