

## Personal Information

Email: gurcan@marmara.edu.tr

## Biography

1982 Hacettepe Fizik mühendisligi, 1985-1990 University of Nevada, Reno atmosferik bilimler doktora, 1991 NASA-Ames arastirici, 1992 yilindan itibaren Marmara Universitesinde akademik hayat, sirasi ile Y.Doc, Doc ve Prof.

## Education Information

Doctorate, University of Nevada, Reno, Arts and Sciences, Physics, United States Of America 1988 - 1990  
Post Graduate, University of Nevada, Reno, Arts and Sciences, Physics, United States Of America 1985 - 1988  
Under Graduate, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, Turkey 1976 - 1981

## Foreign Languages

English, C1 Advanced

## Research Areas

Engineering and Technology

## Academic Titles / Tasks

Professor, Marmara University, Faculty of Engineering, Environmental Engineering, 2002 - Continues

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

- **Surface Investigation of Metal Threads and Solid Metals of Ottoman Textiles in the Topkapi Palace Museum**  
ORALTAY R. G. , Karadag R.  
STUDIES IN CONSERVATION, 2019 (Journal Indexed in SCI)
- **Structural and Near-Infrared Properties of Nd<sup>3+</sup> Activated Lu<sub>3</sub>NbO<sub>7</sub> Phosphor**  
Ilhan M., EKMEKÇI M. K. , ORALTAY R. G. , BAŞAK A. S.  
JOURNAL OF FLUORESCENCE, vol.27, pp.199-203, 2017 (Journal Indexed in SCI)
- **The melting layer: A laboratory investigation of ice particle melt and evaporation near 0 degrees C**  
Oraltay R. G. , Hallett J.  
JOURNAL OF APPLIED METEOROLOGY, vol.44, pp.206-220, 2005 (Journal Indexed in SCI)
- **Real-time liquid water mass measurement for airborne particulates**  
Rogers C., Watson J., Day D., Oraltay R. G.  
AEROSOL SCIENCE AND TECHNOLOGY, vol.29, pp.557-562, 1998 (Journal Indexed in SCI)
- **Ice particle generation during evaporation**  
Dong Y., Oraltay R. G. , Hallett J.  
ATMOSPHERIC RESEARCH, vol.32, pp.45-53, 1994 (Journal Indexed in SCI)
- **SCAVENGING OF SOOT PARTICLES BY ICE CRYSTALS**  
ORALTAY R. G. , HALLETT J.

JOURNAL OF AEROSOL SCIENCE, vol.21, 1990 (Journal Indexed in SCI)

- **Evaporation and Melting of Ice Crystals: A Laboratory Study**

Oraltay R. G. , Hallett J.

ATMOSPHERIC RESEARCH, vol.24, pp.169-189, 1989 (Journal Indexed in SCI)

- **THERMAL-EXPANSION, SPECIFIC-HEAT AND FORCED MAGNETOSTRICTION IN Y9CO7**

ORALTAY R. G. , FRANSE J., BROMMER P., MENOVSKY A.

JOURNAL OF PHYSICS F-METAL PHYSICS, vol.14, pp.737-747, 1984 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **Investigation of Metal Wired Coloured Historical Textile Using Scanning Electron Microscopy and HPLC-DAD**

YURDUN T., KARSLI ÇEPPİOĞLU S., ORALTAY R. G.

Journal of Chemistry and Chemical Engineering, vol.6, pp.591, 2012 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- **Hava Kalitesi Ölçümlerinde Doğal Temizlenme Mekanizmalarının Önemi: 1993-94 Dönemi Pendik-Kaynarca Yöresi Ölçümleri**

OKAY C., ORALTAY R. G.

Yanma ve Hava Kirliliği Kontrolü III. Ulusal Sempozyumu, ODTÜ Çevre Mühendisliği Bölümü, Turkey, 11 - 13 September 1995

- **ICE PARTICLE GENERATION DURING EVAPORATION**

DONG Y., ORALTAY R. G. , HALLETT J.

11th International Conference on Clouds and Precipitation, Montreal, Canada, 17 - 21 August 1992, pp.45-53

- **SCAVENGING OF AEROSOL-PARTICLES BY GROWING AND EVAPORATING ICE CRYSTALS - ASSESSING THE ROLE OF COMPETITIVE PROCESSES**

PRODIF., ORALTAY R. G.

5TH INTERNATIONAL CONF ON PRECIPITATION SCAVENGING AND ATMOSPHERE-SURFACE EXCHANGE PROCESSES, Washington, United States Of America, 15 - 19 July 1991, pp.75-86

## Citations

Total Citations (WOS):93

h-index (WOS):5