

## Asst. Prof. MUSTAFA ZEKİ KURT

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 129366

### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 1989 - 1997

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 1986 - 1989

Undergraduate, Cukurova University, Fen Edebiyat Fakültesi, Fizik, Turkey 1982 - 1986

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Lineer Olmayan Kristallerin Optik ve Elektrooptik Özellikleri , Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 1997

Postgraduate, Uygulanabilir Boyutlarda Bir Güneş Havuzundan Alman Deneysel Verilerle Model Sonuçlarının Karşılaştırılması, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 1989

### Research Areas

Physics, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Optical Properties, Spectroscopy of Matter, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2018 - Continues

Assistant Professor, Cukurova University, Fen Edebiyat Fakültesi, Fizik, 1998 - 2018

Medical Doctor, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 1997 - 1998

### Advising Theses

KURT M. Z., Karbon Nano Tüpler, Postgraduate, A.Yetim(Student), 2011

KURT M. Z., Fosfojipsin Doğal Radyoaktifliğinin Belirlenmesi, Postgraduate, F.Gezer(Student), 2011

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

- I. **Enhancement of magnetocaloric effect by partial substitution of Bi in  $\text{La}_{0.60}\text{Dy}_{0.10}\text{Sr}_{0.30}\text{Mn}(1-x)\text{Bi}_x\text{O}_3$  manganites ( $x = 0, 0.01, 0.03, \text{ and } 0.10$ )**  
KURT M. Z., KILIÇ ÇETİN S., Kandemir A., AKÇA G., KARADAĞ F., EKİCİBİL A.  
Journal of Materials Science: Materials in Electronics, vol.35, no.8, 2024 (SCI-Expanded)
- II. **Natural radionuclide content of disposed phosphogypsum as TENORM produced from phosphorus fertilizer industry in Turkey**  
Gezer F., Turhan S., Ugur F. A., Goren E., KURT M. Z., UFUKTEPE Y.  
ANNALS OF NUCLEAR ENERGY, vol.50, pp.33-37, 2012 (SCI-Expanded)
- III. **Absolute refractive index and oscillator model of dispersion for some ferroelectrics with pseudoilmnite structure**  
Kurt M. Z., Mamedov A.  
FERROELECTRICS, vol.304, pp.997-999, 2004 (SCI-Expanded)
- IV. **Anisotropy of induced birefringence in ferroelectrics with pseudoilmnite structure**  
Kurt M. Z., Mamedov A., Kiymac K.  
JAPANESE JOURNAL OF APPLIED PHYSICS PART 1-REGULAR PAPERS SHORT NOTES & REVIEW PAPERS, vol.42, no.1, pp.140-143, 2003 (SCI-Expanded)
- V. **Electronic structure and phase transition effects in some  $\text{ABO}_3$  materials**  
Karadag F., Mamedov A., Kurt M. Z., Yilmaz S., Yilmaz S.  
FERROELECTRICS, vol.270, pp.1495-1500, 2002 (SCI-Expanded)

## Supported Projects

KANDIRMAZ H., KURT M. Z., Project Supported by Higher Education Institutions, Türkiye İçin Güneşlenme Süresi Değişiminin İzlenmesi, Değerlendirilmesi ve Yeni Bir Modelle Alansal Dağılımının Tahmin Edilmesi, 2011 - 2016

## Metrics

Publication: 5

Citation (WoS): 23

Citation (Scopus): 27

H-Index (WoS): 2

H-Index (Scopus): 2