

Assoc. Prof. ÜMİT OKTAY YILMAZ

Personal Information

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Education Information

Doctorate, Middle East Technical University, Faculty Of Arts And Sciences, Fizik/Yüksek Enerji Fiziği, Turkey 2000 - 2005

Postgraduate, Middle East Technical University, Faculty Of Arts And Sciences, Fizik/Yüksek Enerji Fiziği, Turkey 1995 - 1997

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Fizik, Turkey 1990 - 1994

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, The polarization properties of the final state particles in the rare radiative B-meson decays, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2005

Postgraduate, Generalization of lepton number schemes: neutrino mass matrix and oscillation phenomena, Orta Doğu Teknik Üniversitesi, Risk Analizi A.B.D., Fizik (Dr), 1997

Research Areas

Physics, Basic Particles and Areas, Special reactions and phenomenology, Special theories and interaction models, particle systematics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Karabuk University, Protetik Diş Tedavisi A.B.D., Fizik Bölümü, 2009 - Continues

Assistant Professor, Mersin University, Faculty Of Arts And Sciences, Department Of Physics, 2006 - 2009

Advising Theses

YILMAZ Ü. O., New physics effects in $B_c \rightarrow (D_s, D) l^+ l^-$ decays in single universal extra dimension, Postgraduate, E.DANAPINAR(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Study of B-c \rightarrow D-s*, l(+)l(-) in a single universal extra dimension**
Yilmaz U. O.
PHYSICAL REVIEW D, vol.85, no.11, 2012 (SCI-Expanded)
- II. **Analysis of B-s \rightarrow phi l(+)l(-) decay with new-physics effects**
Yilmaz U. O.
EUROPEAN PHYSICAL JOURNAL C, vol.58, no.4, pp.555-568, 2008 (SCI-Expanded)
- III. **Rare B-c \rightarrow D(s)l(+)l(-) decay beyond the standard model**
Yilmaz U. O.
PHYSICAL REVIEW D, vol.78, no.5, 2008 (SCI-Expanded)
- IV. **General analysis of the rare B-c \rightarrow D-s*l(+)l(-) decay beyond the standard model**
Yilmaz U. O., TURAN G.
EUROPEAN PHYSICAL JOURNAL C, vol.51, no.1, pp.63-74, 2007 (SCI-Expanded)
- V. **A general analysis of the lepton polarizations in B-s \rightarrow gamma l(+)l(-) decays**
Yilmaz U., SIRVANLI B., TURAN G.
NUCLEAR PHYSICS B, vol.692, pp.249-269, 2004 (SCI-Expanded)
- VI. **New physics effects in the rare B-s \rightarrow gamma l(+)l(-) decays with a polarized photon**
Yilmaz U., SIRVANLI B., TURAN G.
EUROPEAN PHYSICAL JOURNAL C, vol.30, no.2, pp.197-205, 2003 (SCI-Expanded)
- VII. **Fourth SM family, breaking of mass democracy, and the CKM mixings**
ATAG S., CELIKEL A., CIFTCI A. Ö., SULTANSOY S., Yilmaz U.
PHYSICAL REVIEW D, vol.54, no.9, pp.5745-5749, 1996 (SCI-Expanded)

Metrics

Publication: 7

Citation (WoS): 74

Citation (Scopus): 76

H-Index (WoS): 5

H-Index (Scopus): 5