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### Advising Theses

YEDİERLER B., Surface treatment of polypropylene using a capacitively coupled plasma system, Postgraduate, G.MECİT(Student), 2022

YEDİERLER B., Propagation of ionizing short laser pulses in a nonlinearoptical medium, Postgraduate, A.DEVECİ(Student), 2021

YEDİERLER B., On time analysis of archaeological residues by using laser-induced breakdown spectroscopy(LIBS), Postgraduate, E.KÜÇÜKKESKİN(Student), 2016

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

- I. **Curvature aided long range propagation of short laser pulses in the atmosphere**  
Yedierler B.  
PHYSICS OF PLASMAS, vol.20, no.3, 2013 (SCI-Expanded)
- II. **Nonlinear longitudinal compression of short laser pulses in the atmosphere**  
YEDİERLER B.  
PHYSICS OF PLASMAS, vol.16, no.5, 2009 (SCI-Expanded)
- III. **Modelling of a continuous optical discharge stabilized by a gas flow in quasi-optical approximation**  
RAFATOV İ., YEDİERLER B., KULUMBAEV E. B.  
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.42, no.5, 2009 (SCI-Expanded)
- IV. **Remote ionization by a short pulse laser beam propagating in the atmosphere**  
Yedierler B.  
PHYSICS OF PLASMAS, vol.15, no.7, 2008 (SCI-Expanded)
- V. **Electron excitation by a multi passage laser beam in a plasma**  
Yedierler B., Bilikmen S.  
EUROPEAN PHYSICAL JOURNAL D, vol.13, no.3, pp.367-371, 2001 (SCI-Expanded)
- VI. **Limits on laser wakefield accelerators**  
Yedierler B., Bilikmen S.  
REVIEW OF SCIENTIFIC INSTRUMENTS, vol.70, no.4, pp.1983-1985, 1999 (SCI-Expanded)

### Supported Projects

BİLİKMEN K. S., YEDİERLER B., Project Supported by Higher Education Institutions, Femto Saniye Atımlı Lazer İle Mikroyapılı Optik Fiberler Üzerinden Süpersürekli Işık Kaynağı Üretimi, 2012 - 2013

## **Metrics**

Publication: 6

Citation (WoS): 23

Citation (Scopus): 24

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