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## **Advising Theses**

ACAR S. O., Optimization of highway vertical alignment by direct search technique, Postgraduate, E.ÖZKAN(Student), 2013

ACAR S. O., Air passenger demand forecasting for planned airports, case study: Zafer and OR-GI airports in turkey, Postgraduate, R.ONUR(Student), 2011

ACAR S. O., Parametric study on selected mathematical models for dynamic creep behavior of asphalt concrete, Postgraduate, H.IŞIK(Student), 2007

ACAR S. O., An optimizing approach for highway safety improvement programs, Postgraduate, S.Ziya(Student), 2004

ACAR S. O., Analysis of flexible pavements incorporating nonlinear resilient behavior of unbound granular layers, Postgraduate, C.Karagöz(Student), 2004

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

### **I. Vertical alignment optimisation in highway design by means of mesh adaptive direct search**

Ozkan E., TÜYDEŞ YAMAN H., ACAR S. O.

Proceedings of the Institution of Civil Engineers: Transport, vol.176, no.6, pp.373-384, 2021 (SCI-Expanded)

## **Metrics**

Publication: 1

Citation (Scopus): 4

H-Index (Scopus): 1

## **Non Academic Experience**

METU