

Prof. LUTFULLAH TURANLI

Personal Information

Email: turanli@metu.edu.tr

Web: <https://avesis.metu.edu.tr/turanli>

Advising Theses

- TURANLI L., Using Cappadocia tuff as a natural pozzolan in the cement production, Postgraduate, M.CAN(Student), 2015
- SARITAŞ A., TURANLI L., Assessment of the nonlinear behavior of rc moment resisting framed buildings made of structural lightweight concrete, Postgraduate, M.ALİ(Student), 2015
- TURANLI L., Comparative evaluation of steel mesh, steel fiber and high performance polypropylene fiber-reinforced concrete in panel/beam tests, Postgraduate, S.CEYLAN(Student), 2014
- AKGÜL Ç., TURANLI L., A multi-scale approach to characterization of volcanic natural pozzolans, Postgraduate, A.SASSANI(Student), 2014
- TURANLI L., High performance structural lightweight concrete utilizing natural perlite aggregate and perlite powder, Postgraduate, H.ESER(Student), 2014
- TURANLI L., Effect of alkali-silica reaction expansion on mechanical properties of concrete, Postgraduate, A.HAFÇI(Student), 2013
- TURANLI L., YÜCEL H., Properties and hydration of cementitious systems containing low, moderate and high amounts of natural zeolites, Doctorate, B.UZAL(Student), 2007
- TURANLI L., Parameter optimization of chemically activated mortars containing high volumes of pozzolan by statistical design and analysis of experiments, Postgraduate, B.ALDEMİR(Student), 2006
- TURANLI L., Predicting long term strength of roller compacted concrete containing natural pozzolan by steam curing, Postgraduate, Ö.ASLAN(Student), 2006
- TURANLI L., Structural lightweight concrete with natural perlite aggregate and perlite powder, Postgraduate, M.AŞIK(Student), 2006
- TURANLI L., KALKANLI A., Investigation of the effects of temperature on physical and mechanical properties of monolithic refractory made with pozzolanic materials, Postgraduate, B.MURAT(Student), 2005
- TURANLI L., Effects of retempering with superplasticizer on properties of prolonged mixed mineral admixture containing concrete at hot weather conditions, Postgraduate, K.YAZAN(Student), 2005
- TURANLI L., Use of preplaced aggregate concrete for mass concrete applications, Postgraduate, R.BAYER(Student), 2004
- TURANLI L., Preventive measures against alkali-silica reaction, Postgraduate, F.BEKTAŞ(Student), 2002
- TURANLI L., Effect of high volume natural pozzolan addition on the properties of pozzolanic cements, Postgraduate, B.UZAL(Student), 2002

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Assessing the Effects of Mechanical Preventive Measures on Alkali-Silica Reaction Expansion with Accelerated Mortar Bar Test**
Musaoglu O., TURANLI L., SARITAŞ A.
JOURNAL OF TESTING AND EVALUATION, vol.42, no.6, pp.1520-1529, 2014 (SCI-Expanded)
- II. **Blended cements containing high volume of natural zeolites: Properties, hydration and paste microstructure**
Uzal B., TURANLI L.

CEMENT & CONCRETE COMPOSITES, vol.34, no.1, pp.101-109, 2012 (SCI-Expanded)

- III. **Some characteristics of fibre-reinforced semi-lightweight concrete with unexpanded perlite**
Okuyucu D., TURANLI L., Uzal B., Tankut T.
MAGAZINE OF CONCRETE RESEARCH, vol.63, no.11, pp.837-846, 2011 (SCI-Expanded)
- IV. **Parameter optimization on compressive strength of steel fiber reinforced high strength concrete**
Ayan E., Saatcioglu O., TURANLI L.
CONSTRUCTION AND BUILDING MATERIALS, vol.25, no.6, pp.2837-2844, 2011 (SCI-Expanded)
- V. **Strengthening the structural behavior of adobe walls through the use of plaster reinforcement mesh**
TURANLI L., SARITAŞ A.
CONSTRUCTION AND BUILDING MATERIALS, vol.25, no.4, pp.1747-1752, 2011 (SCI-Expanded)
- VI. **Pozzolan activity of clinoptilolite: A comparative study with silica fume, fly ash and a non-zeolitic natural pozzolan**
Uzal B., TURANLI L., YÜCEL H., GÖNCÜOĞLU M. C., Culfaz A.
CEMENT AND CONCRETE RESEARCH, vol.40, no.3, pp.398-404, 2010 (SCI-Expanded)
- VII. **Evaluation of the alkali reactivity of cherts from Turkey**
Bektas F., TOPAL T., GÖNCÜOĞLU M. C., TURANLI L.
CONSTRUCTION AND BUILDING MATERIALS, vol.22, no.6, pp.1183-1190, 2008 (SCI-Expanded)
- VIII. **Effects of chert content and type on the alkali silica reaction of mortars**
BEKTAŞ F., TOPAL T., GÖNCÜOĞLU M. C., TURANLI L.
CONSTRUCTION AND BUILDING MATERIALS, vol.22, pp.1183-1190, 2008 (SCI-Expanded)
- IX. **Comparative performance of ground clay brick in mitigation of alkali-silica reaction**
Bektas F., Turanli L., Wang K., Ceylan H.
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.19, no.12, pp.1070-1078, 2007 (SCI-Expanded)
- X. **New approach in mitigating damage caused by alkali-silica reaction**
Bektas F., Turanli L., Ostertag C. P.
JOURNAL OF MATERIALS SCIENCE, vol.41, no.17, pp.5760-5763, 2006 (SCI-Expanded)
- XI. **Use of perlite powder to suppress the alkali-silica reaction**
Bektas F., Turanli L., Monteiro P.
CEMENT AND CONCRETE RESEARCH, vol.35, no.10, pp.2014-2017, 2005 (SCI-Expanded)
- XII. **Effect of large amounts of natural pozzolan addition on properties of blended cements**
Turanli L., Uzal B., Bektas F.
CEMENT AND CONCRETE RESEARCH, vol.35, no.6, pp.1106-1111, 2005 (SCI-Expanded)
- XIII. **Alkali reactivity of mortars containing chert and incorporating moderate-calcium fly ash**
Bektas F., Turanli L., Topal T., Goncuoglu M.
CEMENT AND CONCRETE RESEARCH, vol.34, no.12, pp.2209-2214, 2004 (SCI-Expanded)
- XIV. **Effect of material characteristics on the properties of blended cements containing high volumes of natural pozzolans**
Turanli L., Uzal B., Bektas F.
CEMENT AND CONCRETE RESEARCH, vol.34, no.12, pp.2277-2282, 2004 (SCI-Expanded)
- XV. **Comparative evaluation of steel mesh, steel fibre and high-performance polypropylene fibre reinforced shotcrete in panel test**
Cengiz O., Turanli L.
CEMENT AND CONCRETE RESEARCH, vol.34, no.8, pp.1357-1364, 2004 (SCI-Expanded)
- XVI. **The effects of potassium and rubidium hydroxide on the alkali-silica reaction**
Shomglin K., Turanli L., Wenk H., Monteiro P., Sposito G.
CEMENT AND CONCRETE RESEARCH, vol.33, no.11, pp.1825-1830, 2003 (SCI-Expanded)
- XVII. **Studies on blended cements containing a high volume of natural pozzolans**
Uzal B., Turanli L.
CEMENT AND CONCRETE RESEARCH, vol.33, no.11, pp.1777-1781, 2003 (SCI-Expanded)
- XVIII. **Use of ground clay brick as a pozzolan material to reduce the alkali-silica reaction**
Turanli L., Bektas F., Monteiro P.

CEMENT AND CONCRETE RESEARCH, vol.33, no.10, pp.1539-1542, 2003 (SCI-Expanded)

- XIX. **Setting time: An important criterion to determine the length of the delay period before steam curing of concrete**

Erdem T., Turanli L., Erdogan T.

CEMENT AND CONCRETE RESEARCH, vol.33, no.5, pp.741-745, 2003 (SCI-Expanded)

- XX. **Effects of retempering on consistency and compressive strength of concrete subjected to prolonged mixing**

Kirca O., Turanli L., Erdogan T.

CEMENT AND CONCRETE RESEARCH, vol.32, no.3, pp.441-445, 2002 (SCI-Expanded)

- XXI. **Reduction in alkali-silica expansion due to steel microfibers**

Turanli L., Shomglin K., Ostertag C., Monteiro P.

CEMENT AND CONCRETE RESEARCH, vol.31, no.5, pp.825-827, 2001 (SCI-Expanded)

Supported Projects

TURANLI L., ESER H., Project Supported by Higher Education Institutions, PERLİT TOZU VE PERLİT AGREGASIYLA YAPILAN TAŞIYICI HAFİF BETONUN ASİT, KARBONASYON VE SÜLFAT ETKİSİNE KARŞI DAYANIKLILIĞININ ARAŞTIRILMASI, 2013 - 2013

TURANLI L., SASSANI A., Project Supported by Higher Education Institutions, EFFECT OF DIFFERENT HEAT TREATMENT METHODS ON THE POZZOLANİC ACTİVİTY OF PERLİTE POWDER/ FARKLI ISIL İŞLEM YÖNTEMLERİNİN PERLİTE TOZUNUN POZZOLANİK AKTİVİTESİ ÜZERİNE ETKİSİ, 2013 - 2013

Metrics

Publication: 21

Citation (WoS): 783

Citation (Scopus): 681

H-Index (WoS): 14

H-Index (Scopus): 15