

Prof. Dr. MUSTAFA TOKYAY

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye 1980 - 1987
Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye 1978 - 1980
Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye 1972 - 1978

Yaptığı Tezler

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Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1980 - Devam Ediyor

Akademik İdari Deneyim

Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, 2003 - 2006

Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1999 - 2003

Yönetilen Tezler

TOKYAY M., Hydration behavior and strength development of mineral admixture incorporated calcium aluminate cements, Yüksek Lisans, K.CAN(Öğrenci), 2018

TOKYAY M., Maturity and equivalent age functions of mineral admixtures incorporated mortars, Yüksek Lisans, M.ATASEVER(Öğrenci), 2017

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TOKYAY M., Influence of mineral admixture type and amount on rheological properties of mortars, Doktora, M.IDREES(Öğrenci), 2016

ERDOĞAN S. T., TOKYAY M., Effect of particle size on heat of hydration of pozzolan incorporated cements, Yüksek Lisans, M.KEMAL(Öğrenci), 2014

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- TOKYAY M., Pretreatment of peanut shells for co-production of glucose and concrete admixture, Yüksek Lisans, E.TATLI(Öğrenci), 2013
- ERDOĞAN S. T., TOKYAY M., Early heat evolution of different sized portland cements incorporating ground granulated blast furnace slag, Yüksek Lisans, C.ÇETİN(Öğrenci), 2013
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- TOKYAY M., Effects of separate and intergrinding on some properties of portland composite cements, Yüksek Lisans, S.SOYLUOĞLU(Öğrenci), 2009
- YAMAN İ. Ö., TOKYAY M., Monitoring the development of properties in fresh cement paste and mortar by ultrasonic waves, Doktora, Ö.KASAP(Öğrenci), 2009
- YAMAN İ. Ö., TOKYAY M., Modelling the fresh properties of self compacting concrete utilizing statistical design of experiment techniques, Yüksek Lisans, L.EROĞLU(Öğrenci), 2007
- YAMAN İ. Ö., TOKYAY M., Various durability aspects of slurry infiltrated fiber concrete, Doktora, A.MOHAMED(Öğrenci), 2007
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- TOKYAY M., Self-compacting concrete with high volumes of fly ash, Doktora, M.ŞAHMARAN(Öğrenci), 2006
- TOKYAY M., Temperature effect on calcium aluminate cement based composite binders, Doktora, Ö.KIRCA(Öğrenci), 2006
- TOKYAY M., Determination of mechanical properties of hybrid fiber reinforced concrete, Yüksek Lisans, A.EREN(Öğrenci), 2004
- TOKYAY M., Çimentolu sistemlerin olgunluğu, Doktora, A.YILMAZ(Öğrenci), 2004
- TOKYAY M., Hydration and properties of limestone incorporated cementitious systems, Doktora, K.ERDOĞDU(Öğrenci), 2002
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- TOKYAY M., The Effect of aggregate packing on strength of concrete, Yüksek Lisans, T.BARIN(Öğrenci), 2000
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- TOKYAY M., Statistical evaluation of concrete rebars from eight cities in Turkey, Yüksek Lisans, T.Kutluay(Öğrenci), 1999
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- TOKYAY M., Effects of some Turkish fly ashes on the properties of portland cement-fly ash pastes and mortars, Yüksek Lisans, B.TUNÇBİLEK(Öğrenci), 1998
- TOKYAY M., Pressed lightweight masonry units from expanded ferrochromium slag, Yüksek Lisans, S.AZANBAEVA(Öğrenci), 1998
- TOKYAY M., Effects of clinker composition on the properties of pozzolanic cements, Yüksek Lisans, A.YILMAZ(Öğrenci), 1998
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- TOKYAY M., Structural lightweight concrete produced with pumice and leçelik agregates, Yüksek Lisans, O.ALP(Öğrenci), 1994
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- I. Effect of particle size on early heat evolution of interground natural pozzolan blended cements**
Ardoğa M. K., Erdoğan S. T., Tokyay M.
CONSTRUCTION AND BUILDING MATERIALS, cilt.206, ss.210-218, 2019 (SCI-Expanded)
- II. Extension of the chemical index model for estimating Alkali-Silica reaction mitigation efficiency to slags and natural pozzolans**
Mahyar M., Erdoğan S. T., Tokyay M.
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- III. Mechanical Properties of Cement Mortar Containing Heat-Treated Boron Derivative Waste at Elevated Temperatures**
KAMAN D. Ö., Koroglu L., AYAS E., TOKYAY M., GÜNEY Y.
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- IV. Hydration of alinite cement produced from soda waste sludge**
Ucal G. O., Mahyar M., TOKYAY M.
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- CEMENT & CONCRETE COMPOSITES, cilt.67, ss.39-49, 2016 (SCI-Expanded)
- VI. **Cement production by cement-bonded wood particleboard wastes**
Yilmaz M., TOKYAY M., YAMAN İ. Ö.
ADVANCES IN CEMENT RESEARCH, cilt.28, sa.4, ss.233-240, 2016 (SCI-Expanded)
- VII. **Effect of Pozzolan Content and Fineness on Early Hydration of Interground Blended Cements**
ERDOĞAN S. T., Over D., TOKYAY M.
JOURNAL OF ADVANCED CONCRETE TECHNOLOGY, cilt.12, sa.3, ss.101-110, 2014 (SCI-Expanded)
- VIII. **Properties of alinite cement produced by using soda sludge**
Kesim A. G., TOKYAY M., YAMAN İ. Ö., ÖZTÜRK A.
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- IX. **Compressive strength development of calcium aluminate cement-GGBFS blends**
Kirca O., YAMAN İ. Ö., TOKYAY M.
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- X. **Genetic expression programming for prediction of heat of hydration of the blended cements**
BİNİCİ H., KAYADELEN C., ÇAĞATAY İ. H., TOKYAY M., KAPLAN H.
SCIENTIFIC RESEARCH AND ESSAYS, cilt.4, sa.3, ss.141-151, 2009 (SCI-Expanded)
- XI. **Transport and mechanical properties of self consolidating concrete with high volume fly ash**
Sahmaran M., YAMAN İ. Ö., TOKYAY M.
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- XII. **The effect of particle size distribution on the properties of blended cements incorporating GGBFS and natural pozzolan (NP)**
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- XIII. **Development of high-volume low-lime and high-lime fly-ash-incorporated self-consolidating concrete**
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- XIV. **Use of perlite as a pozzolanic addition in producing blended cements**
Erdem T. K., Meral Ç., Tokyay M., Erdogan T. Y.
CEMENT & CONCRETE COMPOSITES, cilt.29, sa.1, ss.13-21, 2007 (SCI-Expanded)
- XV. **The early heat of hydration of blended cements incorporating GGBFS and ground basaltic pumice (GBP)**
BİNİCİ H., ÇAĞATAY İ. H., TOKYAY M., KÖSE M. M.
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- XVI. **Assessing the ITZ microcracking via scanning electron microscope and its effect on the failure behavior of concrete**
Akcaoglu R., Tokyay M., Celik T.
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- XVII. **Effect of coarse aggregate size and matrix quality on ITZ and failure behavior of concrete under uniaxial compression**
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- XVIII. **Effect of coarse aggregate size on interfacial cracking under uniaxial compression**
Akcaoglu T., Tokyay M., Celik T.
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- XIX. **Comparison of intergrinding and separate grinding for the production of natural pozzolan and GBFS-incorporated blended cements**
Erdogdu K., Tokyay M., Turker P.
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- XX. **Effect of chemical composition of clinker on grinding energy requirement**
Tokyay M.
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- XXI. Specimen shape and size effect on the compressive strength of higher strength concrete
Tokyay M., Ozdemir M.
CEMENT AND CONCRETE RESEARCH, cilt.27, sa.8, ss.1281-1289, 1997 (SCI-Expanded)
- XXII. EFFECTS OF 3 TURKISH FLY ASHES ON THE HEAT OF HYDRATION OF PC-FA PASTES
TOKYAY M.
CEMENT AND CONCRETE RESEARCH, cilt.18, sa.6, ss.957-960, 1988 (SCI-Expanded)

Düger Dergilerde Yayınlanan Makaleler

- I. Effects of experimental parameters in monitoring the hydration of cement mortars by ultrasonic testing
Keskin Ö. K., YAMAN İ. Ö., Tokyay M.
RILEM Bookseries, cilt.6, ss.437-443, 2012 (Scopus)
- II. Mühendislik Eğitimi ve Akreditasyonda Uluslararası Yaklaşımalar
Yaman Y., Tokyay M., Gümrah F.
ODTÜ Mezunlarla İletişim Dergisi, sa.36, ss.38-39, 2005 (Hakemsiz Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. Low-energy alinite cement from soda sludge waste
Uçal G. O., Mahyar M., Tokyay M., Yaman İ. Ö.
10th ACI/RILEM International Conference on Cementitious Materials and Alternative Binders for Sustainable Concrete, ICCM 2017, Montreal, Kanada, 2 - 04 Ekim 2017, ss.24-31
- II. Sürdürülebilir Çimento Üretimi Çimentolu Yonga Levha Atıklarının Çimento Üretiminde Kullanılması
YILMAZ M., TOKYAY M., YAMAN İ. Ö.
9. Ulusal Beton Kongresi, Türkiye, 16 - 18 Nisan 2015
- III. Development of Inorganic Silicone Polymers from Silica Fume
ERDOĞAN S. T., TOKYAY M.
7th Asian Symposium on Polymers in Concrete (ASPIC 2012), İstanbul, Türkiye, 3 - 05 Ekim 2012, ss.709-716
- IV. Effect of ground perlite incorporation on the performance of blended cements
Erdem T. K., Meral C., TOKYAY M., ERDOĞAN T. Y.
International Conference on Sustainable Construction Materials and Technologies, Coventry, Birleşik Krallık, 11 - 13 Haziran 2007, ss.279-285
- V. Mechanical properties of hybrid fiber reinforced concrete
Yurtseven A. E., YAMAN İ. Ö., TOKYAY M.
16th European Conference of Fracture, Alexandroupoli, Yunanistan, 3 - 07 Temmuz 2006, ss.207-208

Desteklenen Projeler

DUMAN A., MERİÇ NURSAL İ., EROL F., TOKYAY M., KARAHAN DAĞ F., Yükseköğretim Kurumları Destekli Proje,
YİPRANMIŞ DOLOMİT TAŞININ NANO TANELİ SOLÜSYONLARLA KENDİ YAPISINA UYGUN SAĞLAMLAŞTIRILMASI, 2018
- 2020

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2015

Metrikler

Atıf (WoS): 862

Atıf (Scopus): 916

H-İndeks (WoS): 13

H-İndeks (Scopus): 14

Akademi Dışı Deneyim

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