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International Researcher IDs

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Architecture (Dr), Turkey 1989 - 1996

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Construction (YL) (Tezli), Turkey 1986 - 1988

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi, Turkey 1981 - 1985

Foreign Languages

English, B2 Upper Intermediate

Japanese, A1 Beginner

Certificates, Courses and Trainings

Vocational Training, Architectural Engineering, Japan International Cooperation Agency, 1992

Dissertations

Doctorate, Diatomitlerin çimentolu sistemlerde puzolanik malzeme olarak kullanılabilirliği, Gazi University, Fen Bilimleri Enstitüsü, Mimarlık (Dr), 1996

Postgraduate, Bir katkı malzemesinin betonun fiziksel özelliklerine etkisi, Gazi University, Fen Bilimleri Enstitüsü, Yapı Eğitimi (YL) (Tezli), 1988

Research Areas

Civil Engineering, Prefabrication, Buildings (industrial, commercial and public), Building materials, Concrete Technology, Building Components and Materials, Composite materials, Material Mechanics, Applications of Insulation Materials,

Structural elements, Cement and Concrete

Academic Titles / Tasks

Professor, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2011 - Continues
Professor, Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi, 2009 - 2011
Associate Professor, Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi, 2000 - 2009
Assistant Professor, Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi, 1998 - 2000
Research Assistant PhD, Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi, 1996 - 1998
Research Assistant, Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi, 1986 - 1996

Academic and Administrative Experience

Head of Department, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2020 - Continues
Fakülte Kurulu Üyesi, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2020 - 2023
Ethics Committee Member, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2019 - 2020
Fakülte Yönetim Kurulu Üyesi, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2019 - 2019
BAP Scientific Commissioner, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2018 - 2019
Fakülte Yönetim Kurulu Üyesi, Gazi University, Teknik Eğitim Fakültesi, 2014 - 2016
Fakülte Kurulu Üyesi, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2013 - 2016
Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi Bölümü, 2009 - 2011
Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi Bölümü, 2005 - 2009
Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi Bölümü, 2000 - 2002

Courses

Special Concretes, Undergraduate, 2021 - 2022, 2020 - 2021
Concrete Technology, Undergraduate, 2020 - 2021
Insulation Techniques, Undergraduate, 2020 - 2021
Prefabricated Construction Technologies, Undergraduate, 2020 - 2021
Material Science and Laboratory, Undergraduate, 2018 - 2019
Material Laboratory, Undergraduate, 2014 - 2015
Material Science, Undergraduate, 2015 - 2016, 2014 - 2015

Advising Theses

Aruntaş H. Y., Gürü M., USABILITY OF PLANT WASTE BASED MATERIALS IN THE PRODUCTION OF COMPOSITE BOARD AND IMPROVEMENT OF ITS PROPERTIES , Doctorate, M.ŞAHİNÖZ(Student), 2022
ARUNTAŞ H. Y., Usability Of Building Debris Wastes As Fine Aggregate In Mortar Mixture, Postgraduate, H.FATEH(Student), 2019
ARUNTAŞ H. Y., ALTUNOK M., Experimental Investigation Of Structural Laminated Timber, Postgraduate, F.MASHAKA(Student), 2019
ARUNTAŞ H. Y., Investigation Of The Plasters In The Historical Çeçen Süleyman Efendi Mansion, Postgraduate, H.AKTAŞ(Student), 2019
ARUNTAŞ H. Y., Determination Of The Material Properties Of Historic Rock-Cut Structures: The Case Of Ankara-Kızılcahamam Mahkemeağcin Village, Postgraduate, P.YAVUZ(Student), 2019
ARUNTAŞ H. Y., ALTUNOK M., Investigation Of Some Mechanical Properties Of Plane Timber Frame Building Systems, Postgraduate, D.EMRAH(Student), 2019

Aruntaş H. Y., EXAMINATION OF THE KHORASAN MORTARS USED IN HISTORICAL BUILDINGS AND PRODUCTION OF ALTERNATIVE KHORASAN MORTAR, Doctorate, M.DAYI(Student), 2017

ARUNTAŞ H. Y., The Usability Of Tile Factory Waste In Cement Production, Postgraduate, F.KOCAKAYA(Student), 2016

ARUNTAŞ H. Y., Investigation of the adherence behavior between concrete and reinforcement on self compacting concrete, Doctorate, A.BEYÇİOĞLU(Student), 2013

Aruntaş H. Y., The usability of waste marble powder and the phosphogypsum in cement production, Postgraduate, G.SAĞLAM(Student), 2012

Aruntaş H. Y., Experimental investigation of thermal performance characteristics of external wall, Postgraduate, G.Kaplan(Student), 2012

Aruntaş H. Y., Effect of filler ratio on properties of self compacting concrete, Postgraduate, H.Bakır(Student), 2011

Aruntaş H. Y., Investigation of freezing properties on compressive strength of concrete with fly ash and antifreeze admixtures, Postgraduate, H.Duygu(Student), 2010

ARUNTAŞ H. Y., Portland çimentosu kullanımının Horasan harcı özelliklerine etkisi, Postgraduate, C.YILMAZ(Student), 2010

ARUNTAŞ H. Y., Sülfat etkisine maruz farklı çimento harçlarındaki makro boşluk yapısı gelişiminin bilgisayarlı tomografi yöntmi ile incelenmesi, Doctorate, İ.TEKİN(Student), 2010

ARUNTAŞ H. Y., Kendiliğinden yerleşen beton dökümündeki gecikmelerin beton özelliklerine etkisi, Postgraduate, T.UCUZCU(Student), 2010

ARUNTAŞ H. Y., EXPERIMENTAL INVESTIGATION OF THE PERFORMANCE OF READY- MADE PLASTER ON DIFFERENT SURFACES, Postgraduate, B.ÇORAKÇI(Student), 2007

ARUNTAŞ H. Y., Silikon esash dış cephe boyalarının deneysel olarak incelenmesi, Postgraduate, Z.FURTANA(Student), 2006

ARUNTAŞ H. Y., Farklı tipteki puzolanların betonun mekanik özelliklerine etkisi, Postgraduate, E.YILDIZ(Student), 2006

ARUNTAŞ H. Y., Hazır beton santralı atık suyunun beton üretiminde karma suyu olarak kullanılabilirliğinin araştırılması, Postgraduate, E.NALLI(Student), 2006

ARUNTAŞ H. Y., Doğal ve yapay puzolanların kompozit çimento üretiminde kullanılabilirliğinin araştırılması, Postgraduate, M.DAYI(Student), 2006

ARUNTAŞ H. Y., Silis dumanı katkısının betonarme çeliği korozyonuna etkisi, Postgraduate, A.DEĞİRMENCİ(Student), 2006

ARUNTAŞ H. Y., Erzincan ve Nevşehir yöresi pomzalarının çimentolu sistemlerde kullanılabilirliği, Doctorate, H.ULUSU(Student), 2006

ARUNTAŞ H. Y., Kütahya yöresi tuğla fabrikası atıklarının tuğla üretiminde kullanılabilirliğinin araştırılması, Postgraduate, A.ÇELİK(Student), 2005

ARUNTAŞ H. Y., Çimento harçlarının porozitesinin bilgisayarlı tomografi ile belirlenmesi, Postgraduate, İ.TEKİN(Student), 2005

ARUNTAŞ H. Y., Silis dumanı ve süperakışkanlaştırıcı katkı lifli betonların özellikleri, Doctorate, S.HALİLOV(Student), 2003

ARUNTAŞ H. Y., Ankara Kizelgur Fabrikası atığı diyatomitlerinin çimento üretiminde puzolan olarak kullanılabilirliği üzerine bir çalışma, Postgraduate, Y.BARAN(Student), 2003

ARUNTAŞ H. Y., Perlitin çimentoda puzolanik katkı maddesi olarak kullanılabilirliği, Postgraduate, M.BULGU(Student), 2003

ARUNTAŞ H. Y., Uçucu kül ikameli betonlara deniz suyunun etkisi, Postgraduate, Y.KORKMAZ(Student), 2002

ARUNTAŞ H. Y., İlköğretim okul binalarının bugünkü yapılaşma durumu üzerine bir araştırma, Postgraduate, B.GÜN(Student), 2001

Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Isparta Uygulamalı Bilimler Üniversitesi, August, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Gazi

Üniversitesi, June, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Gazi Üniversitesi, February, 2023

Associate Professor Exam, Associate Professor Exam, Munzur Üniversitesi, January, 2023

Associate Professor Exam, Associate Professor Exam, Amasya Üniversitesi, January, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Kastamonu Üniversitesi, September, 2022

Doctorate, Doctorate, Gazi Üniversitesi, July, 2022

Doctorate, Doctorate, Gazi Üniversitesi, June, 2022

Post Graduate, Post Graduate, Gazi Üniversitesi, February, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, January, 2021

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Gazi Üniversitesi, July, 2020

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Nişantaşı Üniversitesi, August, 2019

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, June, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, March, 2018

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Gazi Üniversitesi, February, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, November, 2017

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, May, 2016

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, October, 2015

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, February, 2015

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, December, 2014

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, November, 2013

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Gazi Üniversitesi, June, 2013

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, June, 2013

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, April, 2013

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, February, 2013

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, February, 2012

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, February, 2012

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, June, 2011

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, May, 2010

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, January, 2010

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, September, 2007

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, September, 2007

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, September, 2007

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, September, 2007

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, February, 2007

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, February, 2006

Published journal articles indexed by SCI, SSCI, and AHCI

I. Valorization of Seawater as an Activator for Mixing and Curing Water in Mid-Strength Concrete Containing Class C Fly Ash: Strength, Economic and Environmental Benefits

Aruntaş H. Y., Korkmaz Y., Demir İ., Kaplan G.

IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.48, no.4, pp.2049-2059, 2024 (SCI-Expanded)

II. Estimation of Physical and Mechanical Properties of Portland Composite Cement Produced by Using Raw Perlite with Fuzzy Logic Model

Aruntaş H. Y., Baydaş M. T., Bulgu M., Albayrak M.

ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.49, pp.1-17, 2024 (SCI-Expanded)

- III. **An Estimation Proposal for Engineering Properties of Modified Concrete by using Standalone and Hybrid GRELM**
Cemalgil S., Onat O., Aruntaş H. Y.
Iranian Journal of Science and Technology - Transactions of Civil Engineering, vol.47, no.3, pp.1357-1377, 2023 (SCI-Expanded)
- IV. **PRODUCTION OF COMPOSITE PARTICLEBOARD FROM WASTE PLUM PITS (*PRUNUS DOMESTICA*) AND IMPROVEMENT OF ITS CHARACTERISTICS**
Şahinöz M., Aruntaş H. Y., Gürü M.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.57, no.5-6, pp.587-598, 2023 (SCI-Expanded)
- V. **Mechanical, durability and microstructural characteristics of Portland pozzolan cement (PPC) produced with high volume pumice: Green, cleaner and sustainable cement development**
Ulus H., Aruntaş H. Y., Gültekin A. B., Dayı M., Çavuş M., Kaplan G.
CONSTRUCTION AND BUILDING MATERIALS, vol.378, pp.1-13, 2023 (SCI-Expanded)
- VI. **Usage of ready-mixed concrete plant wastewater in concrete with superplasticizer: Effect on physico-mechanical properties**
ARUNTAŞ H. Y., Nalli E., KAPLAN G.
CONSTRUCTION AND BUILDING MATERIALS, vol.348, 2022 (SCI-Expanded)
- VII. **A novel prediction model for durability properties of concrete modified with steel fiber and Silica Fume by using Hybridized GRELM**
Cemalgil S., GÜL E., ONAT O., Yılmaz Aruntaş H. Y.
Construction and Building Materials, vol.341, 2022 (SCI-Expanded)
- VIII. **Processing of polymer wood composite material from pine cone and the binder of phenol formaldehyde/PVAc/molasses and improvement of its properties**
Şahinöz M., Aruntaş H. Y., Gürü M.
Case Studies in Construction Materials, vol.16, 2022 (SCI-Expanded)
- IX. **Investigation of the Effect of Seawater and Sulfate on the Properties of Cementitious Composites Containing Silica Fume**
Şimşek O., Aruntaş H. Y., Demir İ., Yaprak H., Yazıcıoğlu S.
SILICON, vol.14, no.2, pp.663-675, 2022 (SCI-Expanded)
- X. **Investigation of the usability of high-performance fiber-reinforced cement composites containing high-volume fly ash and nanomaterials as repair mortar**
Toklu K., Şimşek O., Aruntaş H. Y.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.55, no.3, pp.789-797, 2019 (SCI-Expanded)
- XI. **X-ray CT monitoring of macro void development in mortars exposed to sulfate attack**
Tekin İ., Birgül R., Aruntaş H. Y.
COMPUTERS AND CONCRETE, vol.21, no.4, pp.367-376, 2018 (SCI-Expanded)
- XII. **Usability of Fuzzy Logic Modeling for Prediction of Fresh Properties of Self-Compacting Concrete**
Beycioglu A., Gultekin A., Aruntas H. Y.
ACTA PHYSICA POLONICA A, vol.132, no.3, pp.1140-1141, 2017 (SCI-Expanded)
- XIII. **Mechanical properties of blended cements at elevated temperatures predicted using a fuzzy logic model**
Beycioglu A., Gultekin A., ARUNTAŞ H. Y., GENÇEL O., Dobiszewska M., Brostow W.
COMPUTERS AND CONCRETE, vol.20, no.2, pp.247-255, 2017 (SCI-Expanded)
- XIV. **Investigation on characteristics of blended cements containing pumice**
ULUSU H., ARUNTAŞ H. Y., GENÇEL O.
CONSTRUCTION AND BUILDING MATERIALS, vol.118, pp.11-19, 2016 (SCI-Expanded)
- XV. **Effect of Elevated Temperatures on Properties of Blended Cements with Clinoptilolite**
Beycioglu A., ARUNTAŞ H. Y., GENÇEL O., Hagg Lobland H. E., ŞAMANDAR A., Brostow W.
MATERIALS SCIENCE-MEDZIAGOTYRA, vol.22, no.4, pp.548-552, 2016 (SCI-Expanded)
- XVI. **Monitoring macro voids in mortars by computerized tomography method**
TEKİN İ., BİRGÜL R., YAMAN İ. Ö., GENÇEL O., ARUNTAŞ H. Y.

- MEASUREMENT, vol.63, pp.299-308, 2015 (SCI-Expanded)
- XVII. **Workability and mechanical properties of self-compacting concretes containing LLFA, GBFS and MC**
Beycioglu A., ARUNTAŞ H. Y.
CONSTRUCTION AND BUILDING MATERIALS, vol.73, pp.626-635, 2014 (SCI-Expanded)
- XVIII. **INVESTIGATION OF USABILITY OF ZEOLITE, FLY ASH AND WASTE GLASS MATERIALS IN PORTLAND COMPOSITE CEMENT PRODUCTION**
Dayi M., ARUNTAŞ H. Y., ÇAVUŞ M., ŞİMŞEK O.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.28, no.3, pp.491-499, 2013 (SCI-Expanded)
- XIX. **Determination of the effect of volcanic pumice replacement on macro void development for blended cement mortars by computerized tomography**
TEKİN İ., BİRGÜL R., ARUNTAŞ H. Y.
CONSTRUCTION AND BUILDING MATERIALS, vol.35, pp.15-22, 2012 (SCI-Expanded)
- XX. **Utilization of waste marble dust as an additive in cement production**
ARUNTAŞ H. Y., GÜRÜ M., Dayi M., Tekin I.
MATERIALS & DESIGN, vol.31, no.8, pp.4039-4042, 2010 (SCI-Expanded)
- XXI. **Determining Hounsfield Unit values of mortar constituents by computerized tomography**
ARUNTAŞ H. Y., Tekin I., BİRGÜL R.
MEASUREMENT, vol.43, no.3, pp.410-414, 2010 (SCI-Expanded)
- XXII. **Processing of urea-formaldehyde-based particleboard from hazelnut shell and improvement of its fire and water resistance**
Guru M., Aruntas Y., Tuzun F. N., Bilici I.
FIRE AND MATERIALS, vol.33, no.8, pp.413-419, 2009 (SCI-Expanded)
- XXIII. **Effects of super plasticizer and curing conditions on properties of concrete with and without fiber**
ARUNTAŞ H. Y., Cemalgil S., ŞİMŞEK O., DURMUŞ G., ERDAL M.
MATERIALS LETTERS, vol.62, no.19, pp.3441-3443, 2008 (SCI-Expanded)
- XXIV. **Influence of zeolite additive on properties of autoclaved aerated concrete**
Albayrak M., Albayrak M., Yorukoglu A., Yorukoglu A., Karahan S., Karahan S., Atlihan S., Atlihan S., Aruntas H. Y., Aruntas H. Y., et al.
BUILDING AND ENVIRONMENT, vol.42, no.9, pp.3161-3165, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Investigation of Combined Effect of GBFS and Slaked Lime on Cement Paste and Mortar Properties**
Aruntaş H. Y., Şahinöz M., Dayı M.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.26, no.4, pp.1-14, 2023 (Peer-Reviewed Journal)
- II. **THE ENGINEERING PERFORMANCE OF ECO-FRIENDLY CONCRETES CONTAINING DIATOMITE FLY ASH AND GROUND GRANULATED BLAST FURNACE SLAG**
ARUNTAŞ H. Y., Yıldız E., KAPLAN G.
Acta Polytechnica, vol.62, no.5, pp.505-521, 2022 (ESCI)
- III. **Investigation of lime usage in cement paste and mortars**
Aruntaş H. Y., Şahinöz M., Dayı M.
Politeknik Dergisi, vol.24, no.3, pp.1045-1054, 2021 (ESCI)
- IV. **Experimental Investigation of Thermal Performance of XPS Insulated Exterior Walls**
KAPLAN G., ARUNTAŞ H. Y.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.24, no.2, pp.645-653, 2021 (ESCI)
- V. **Usage of antimony trioxide, aluminum hydroxide and zinc borate in GRP composite production as fire-retardant additives: An experimental research**
Beycioglu A., Yılmaz E., Çetin S., Gökçe N., Aruntaş H. Y.

International Journal of Engineering Research and Development, vol.13, no.1, pp.265-277, 2021 (Peer-Reviewed Journal)

- VI. **Examination of Some Properties of Mortar with Expanded Glass Sphere Aggregate**
Aktürk B., Dayı M., Aruntaş H. Y.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.9, no.1, pp.443-452, 2021 (Peer-Reviewed Journal)
- VII. **Portland Çimentosunun Horasan Harcı Özelliklerine Etkisi**
Aruntaş H. Y., Yılmaz C.
Yapı Dünyası, vol.21, pp.18-23, 2017 (Peer-Reviewed Journal)
- VIII. **Türk Çimento Sektöründe Alternatif Yakıt Kullanımı**
ARUNTAŞ H. Y.
CementTÜRK, vol.9, no.3, pp.66-70, 2017 (Non Peer-Reviewed Journal)
- IX. **YÜKSEK FIRIN CÜRUFU ve SÜPER AKIŞKANLAŞTIRICININ KENDİLİĞİNDEN YERLEŞEN BETON ÖZELLİKLERİNE ETKİSİ**
KALKAN N., ARUNTAŞ H. Y., DEMİR E.
İleri Teknoloji Bilimleri Dergisi, vol.5, no.1, pp.98-106, 2016 (Peer-Reviewed Journal)
- X. **4306 SAYILI KANUN KAPSAMINDA İLKÖĞRETİM OKUL BİNALARININ MEKÂNSAL YETERLİLİKLERİNİN İNCELENMESİ: ANKARA ÖRNEĞİ**
GÜLTEKİN A. B., ARUNTAŞ H. Y., GÜN B.
Gazi Eğitim Fakültesi Dergisi, vol.34, no.1, pp.43-61, 2014 (Peer-Reviewed Journal)
- XI. **Effects of the fine recycled concrete aggregates on the concrete properties**
Yaprak H., ARUNTAŞ H. Y., Demir I., ŞİMŞEK O., DURMUŞ G.
International Journal of Physical Sciences, vol.6, no.10, pp.2455-2461, 2011 (Scopus)
- XII. **Effects of the Fine Recycled Concrete Aggregates on the Concrete Propertis**
YAPRAK H., ARUNTAŞ H. Y., DEMİR İ., ŞİMŞEK O., DURMUŞ G.
International Journal Of Physical Sciences, vol.6, no.10, pp.2455-2461, 2011 (Peer-Reviewed Journal)
- XIII. **Determination of type and ratio of superplasticizers in concrete production Beton üretiminde süper akışkanlaştırıcı çeşiti ve oranının belirlenmesi**
ŞİMŞEK O., ARUNTAŞ H. Y., Demir I.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.22, no.4, pp.829-835, 2007 (Scopus)
- XIV. **Beton Üretiminde Süper Akışkanlaştırıcı Çeşiti Ve Oranının Belirlenmesi**
ŞİMŞEK O., ARUNTAŞ H. Y., DEMİR İ.
Gazi Üniv. Müh. Mim. Fak. Der., vol.22, no.4, pp.829-835, 2007 (Peer-Reviewed Journal)
- XV. **The potential of fly ash usage in construction sector Uçucu küllerin İnşaat sektöründe kullanım potansiyeli**
ARUNTAŞ H. Y.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.21, no.1, pp.193-203, 2006 (Scopus)
- XVI. **Seyitömer ve Çayırhan Uçucu Küllerinin Portland Çimentosu-Uçucu Kül(PÇ-UK) Hamurunun Priz Başlama ve Sonu Sürelerine Etkisi**
ÇELİK M. H., ARUNTAŞ H. Y., BARAN Y.
JOURNAL OF POLYTECHNIC-POLİTEKNİK DERGISI, 2003 (Peer-Reviewed Journal)
- XVII. **Uçucu Külün Hafif Beton Yapı Elemanı Üretiminde Kullanımı ve Mekanik Özelliklerine Etkisi**
ŞİMŞEK O., ARUNTAŞ H. Y., EROLTEKİN V.
Z.K.Ü. Karabük Teknik Eğitim Fakültesi Teknoloji Dergisi, vol.2, pp.15-23, 1999 (Peer-Reviewed Journal)
- XVIII. **Investigation of diatomite properties from Ankara-Kızılcahamam and Cankiri-Cerkes regions Ankara-Kızılcahamam ve Cankiri-Cerkes yöresi diyatomitlerinin özelliklerinin araştırılması**
ARUNTAŞ H. Y., Albayrak M., Saka H. A., Tokyay M.
Turkish Journal of Engineering and Environmental Sciences, vol.22, no.4, pp.337-343, 1998 (Scopus)
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VII. **HAZIR BETONUN TAŞINMASI VE YERLEŞTİRİLMESİ AŞAMALARININ İŞ SAĞLIĞI VE GÜVENLİĞİ AÇISINDAN RİSK ANALİZİ VE DEĞERLENDİRME UYGULAMASI**

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DEMİREL C., GÜLTEKİN Ö., ARUNTAŞ H. Y., ŞİMŞEK O.

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IX. **Refugee Problems in Turkey and Its Evaluation in the Context of Sustainability**

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X. **Examination of Usability of Waste Bricks as Aggregate for Repair Mortar**

Dayı M., Çavuş M., Aruntaş H. Y.

1st International Symposium on Multidisciplinary Studies and Innovative Technologies, Tokat, Turkey, 2 - 04 November 2017

XI. **Radiation Shielding Properties of Self Compacting Concrete SCC Containing Low Lime Fly Ash and Calcite**

BEYÇİOĞLU A., GÜNOĞLU K., ARUNTAŞ H. Y., AKKURT İ.

ICCESEN 2016, Antalya, Turkey, 19 - 24 October 2016

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GÜNOĞLU K., BEYÇİOĞLU A., AKKURT İ., ARUNTAŞ H. Y.

3rd International Conference on Computational and Experimental Science and Engineering, Antalya, Turkey, 19 - 24 October 2016

XIII. **MİKRONİZE KALSİT VE PUZOLAN İÇEREN KENDİLİĞİNDEN YERLEŞEN BETONLARDA BASINÇ DAYANIMI TAHMİNİ**

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XV. **Cement and its production**

Aruntaş H. Y.

Gazi University English Language Institute Multidisciplinary Symposium, Florida, United States Of America, 29 August 2016

XVI. **ADOBE AS A SUSTAINABLE BUILDING MATERIAL**

ÇAVUŞ M., DAYI M., ULUSU H., ARUNTAŞ H. Y.

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XVII. **Yüksek Sıcaklık Etkisindeki Kimyasal Katkılı Betonların İncelenmesi**

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- XIX. **Uçucu kül ve yüksek fırın cürufunun süper akışkanlaştırıcı katkılı beton özelliklerine etkisi**
YAPRAK H., ŞİMŞEK O., ARUNTAŞ H. Y.
Beton 2004 Kongresi, Turkey, 10 - 12 June 2004
- XX. **Çayırhan ve Soma B Termik Santralleri Uçucu Küllerinin Betonun Basınç Dayanımına Etkisi**
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- XXII. **Central Anatolian Diatomites for Producing Pozzolanic Cements**
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Supported Projects

- ARUNTAŞ H. Y., Project Supported by Higher Education Institutions, MÜNFERİT AHŞAP KİRİŞ, KOLON VE DÜZLEMSEL ÇERÇEVE TAŞIYICI ELEMANLARIN PERFORMANS ÖZELLİKLERİNİN İNCELENMESİ, 2018 - 2020
- Aruntaş H. Y., Project Supported by Higher Education Institutions, TARİHİ YAPILARDA KULLANILAN HORASAN HARÇLARININ İNCELENMESİ VE ALTERNATİF HORASAN HARCININ ÜRETİLMESİ, 2016 - 2017
- ARUNTAŞ H. Y., ŞİMŞEK O., TUBITAK Project, Nano Boyutta Modifiye Edilmiş Yüksek Hacimde Uçucu Kül İçeren Çimento Esaslı OnarımMalzemeleri, 2015 - 2017
- Tekin İ., Aruntaş H. Y., TUBITAK Project, TOZ HALDE FARKLI İNCELİKLERDEKİ ENDÜSTRİYEL ATIKLARIN KAPLAMA MALZEMESİ ÜRETİMİNDE KULLANILABİLİRLİĞİNİN ARAŞTIRILMASI, 2014 - 2017
- Aruntaş H. Y., TUBITAK Project, Investigation of Macro Void Structure Development of Different Cement Mortars Exposed to Sulphate Attack by Computerized Tomography, 2010 - 2011
- Gültekin A. B., Aruntaş H. Y., FP7 Project, Yapı Malzemelerinin Çevresel Etkileri Kapsamında Yaşam Döngüsü Değerlendirme Yönteminin İncelenmesi, 2008 - 2009
- Aruntaş H. Y., Project Supported by Higher Education Institutions, Doğal ve Yapay Puzolanların Çimento ve Harç Üretiminde Katkı Malzemesi Olarak Kullanılabilirliğinin Araştırılması, 2006 - 2009
- ARUNTAŞ H. Y., Project Supported by Higher Education Institutions, Betonun Mekanik Özellikleri Üzerine Doğal Puzolanlar ile Atık Malzemelerin Etkisi, 2005 - 2008
- Aruntaş H. Y., Durmuş G., Şimşek O., Project Supported by Higher Education Institutions, Silis Dumanı Ve Süper Akışkanlaştırıcı Katkı Lifli Betonların Özellikleri (Tef.07/2002-39), 2002 - 2004

Activities in Scientific Journals

- Politeknik Dergisi, Advisory Committee Member, 2019 - Continues
- International Journal of Engineering Science and Application (IJESA), Committee Member, 2018 - Continues
- El-Cezerî Journal of Science and Engineering, Publication Committee Member, 2015 - Continues
- Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, Committee Member, 2021 - 2022

Scientific Refereeing

- Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, November 2022
- JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, National Scientific Refreed Journal, March 2022
- Politeknik Dergisi, National Scientific Refreed Journal, April 2021
- Politeknik Dergisi, National Scientific Refreed Journal, January 2021

Politeknik Dergisi, National Scientific Refreed Journal, December 2020

GAZİ ÜNİVERSİTESİ FEN BİLİMLERİ DERGİSİ PART: C TASARIM VE TEKNOLOJİ, National Scientific Refreed Journal, May 2020

Scientific Consultations

Baştaş Çimento Ar-Ge Merkezi, Scientific Consultancy, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, Turkey, 2022 - Continues

TÜBİTAK 2209-A, Project Consultancy, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, Turkey, 2022 - Continues

Tasks In Event Organizations

Aruntaş H. Y., 4th International Sustainable Buildings Symposium - ISBS2019, Scientific Congress, Texas, United States Of America, Temmuz 2019

Aruntaş H. Y., 3rd International Sustainable Buildings Symposium - ISBS2017, Scientific Congress, Dubai, United Arab Emirates, Mart 2017

Aruntaş H. Y., 2nd International Sustainable Buildings Symposium (ISBS2015), Scientific Congress, Ankara, Turkey, Mayıs 2015

Fırat S., Aruntaş H. Y., Gültekin A. B., 2nd International Sustainable Buildings Symposium-ISBS2015, Scientific Congress, Ankara, Turkey, Mayıs 2015

Aruntaş H. Y., International Sustainable Buildings Symposium-ISBS2010, Scientific Congress, Ankara, Turkey, Mayıs 2010

Aruntaş H. Y., International Sustainable Buildings Symposium (ISBS2010), Scientific Congress, Ankara, Turkey, Mayıs 2010

Mobility Activity

Bilateral Colloboration Agreement, Guest Researcher, Florida State University, United States Of America, 2016 - 2016

Bilateral Colloboration Agreement, Get Education, Polytechnic University, Japan, 1992 - 1993

Metrics

Publication: 72

Citation (WoS): 438

Citation (Scopus): 647

H-Index (WoS): 11

H-Index (Scopus): 13

Congress and Symposium Activities

1st International Symposium on Innovations in Civil Engineering and Technology, Session Moderator, Afyonkarahisar, Turkey, 2019

Awards

Aruntaş H. Y., Uluslararası Sempozyum Düzenleme Üstün Başarı Ödülü (4th International Sustainable Buildings Symposium-ISBS2019), Texas Tech University - Texas A&M University Commerce, U.S. Green Building Council North

Texas Chapter (Usgbc)- American Institute Of Architects Dallas Chapter (Aia), Dallas, Texas-United States, July 2019
Aruntaş H. Y., Uluslararası Sempozyum Düzenleme Üstün Başarı Ödülü (3rd International Sustainable Buildings Symposium-ISBS2017)-ISBS2017, Rectorate Of The British University In Dubai, March 2017
Ulus H., Aruntaş H. Y., Gençel O., Yayın teşvik ödülü , Tübitak, September 2016
Albayrak M., Yörükoğlu A., Karahan S., Atlıhan S., Aruntaş H. Y., Girgin İ., Yayın teşvik ödülü, Tübitak, February 2008

Non Academic Experience

University, Gazi University, Civil Engineering Department

GAZİ ÜNİVERSİTESİ

FLORİDA ÜNİVERSİTESİ (A.B.D)

ULUSAL AJANS

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POLYTECHNIC UNIVERSITY (TOKYO/JAPONYA)

DENİZLİ CAM SANAYİ