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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-4183-2010

ScopusID: 12796218600

Yoksis Researcher ID: 31044

Education Information

Doctorate, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 1998 - 2004

Postgraduate, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 1996 - 1998

Undergraduate, Karadeniz Technical University, İnşaat Fakültesi, İnşaat Mühendisliği, Turkey 1991 - 1996

Foreign Languages

English, C1 Advanced

German, B1 Intermediate

Certificates, Courses and Trainings

Occupational Health and Safety, Temel İş Sağlığı ve Güvenliği Eğitimi, Atatürk Üniversitesi, 2017

Other, Virtual Seismologist Certificate of Completion, <https://www.sciencecourseware.org/VirtualEarthquake/>, 2001

Other, Yapıların Deprem Davranışı Onarım ve Güçlendirme, TMMOB İnşaat Mühendisleri Odası İstanbul Şubesi, 2000

Dissertations

Doctorate, Çimento esaslı malzemelerin zamana bağlı davranışının sayısal (Lattice) modellenmesi, Ataturk University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Anabilim Dalı, 2004

Postgraduate, Diyamit, pomza ve pasanın beton katkı maddesi olarak kullanılabilirliğinin araştırılması, Ataturk University, Fen Bilimleri Enstitüsü, 1998

Research Areas

Civil Engineering, Structure, Structural Engineering, Steel Structures, Performance of Constructed Facilities, Repair and

Strengthening in Buildings, Masonry Structures, Building materials, Composite materials, Material Mechanics, Engineering and Technology

Academic Titles / Tasks

Professor, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2017 - Continues

Associate Professor, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2012 - 2017

Associate Professor, Politecnico di Milano, Università Politecnica Delle Marche Ingegneria, İnşaat Mühendisliği, 2014 - 2014

Assistant Professor, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2004 - 2012

Research Assistant, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, 1996 - 2004

Research Assistant, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1998 - 2000

Research Assistant, Technische Universitaet Berlin, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1998 - 1998

Academic and Administrative Experience

Mühendislik Fakültesi Araştırma Komisyonu Üyesi, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2021 - Continues

Atatürk Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2018 - Continues

Farabi Coordinator, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2018 - Continues

Anabilim Dalı Akademik Kurul Üyesi, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2004 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2017 - 2022

Atatürk Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2015 - 2018

Atatürk Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2013 - 2014

Atatürk Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2008 - 2014

Atatürk Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2010 - 2013

Courses

Hasar Gören Yapıların Onarım ve Güçlendirilmesi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Hasar Gören Yapıların Güçlendirilmesi İÖ, Undergraduate, 2021 - 2022, 2020 - 2021

Seçmeli Tasarım I, Undergraduate, 2022 - 2023

Yapı Sistemlerinin Tasarım ve Analizi, Undergraduate, 2022 - 2023

Yeşil Yapılar, Undergraduate, 2022 - 2023

İnşaat Mühendisliği Seçmeli Tasarımı II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Çelik Yapı Elemanlarının Doğrusal Olmayan Davranışı, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Bitirme Projesi II ÖÖ, Undergraduate, 2021 - 2022

Yapı Sistemlerinin Tasarım ve Analizi, Undergraduate, 2022 - 2023

Cok Katlı Çelik Yapılar, Doctorate, 2021 - 2022, 2019 - 2020, 2018 - 2019

Bitirme Projesi II İÖ, Undergraduate, 2021 - 2022

Çelik Yapıların Hesap ve Tasarımı (Yaz), Undergraduate, 2020 - 2021

Bitirme Projesi I ÖÖ, Undergraduate, 2021 - 2022

Betonarme I, Undergraduate, 2020 - 2021, 2010 - 2011, 2008 - 2009

Çelik Yapıların Hesap ve Tasarımı, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

İnşaat Mühendisliği Uygulamaları, Undergraduate, 2020 - 2021

Design of Reinforced Concrete Structures, Undergraduate, 2020 - 2021

Yapı Sistemlerinin Tasarım ve Analizi (İÖ), Undergraduate, 2021 - 2022

Bitime Projesi I İÖ, Undergraduate, 2021 - 2022
Sünek Çelik Yapı Sistemlerinin Tasarımı, Doctorate, 2021 - 2022, 2020 - 2021
Yapı Sistemlerinin Tasarım ve Analizi, Undergraduate, 2021 - 2022, 2014 - 2015, 2013 - 2014
ÇELİK YAPILAR, Undergraduate, 2019 - 2020
Çelik Yapıların Hesap ve Tasarımı, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007
Sünek Çelik Yapı Sistemlerinin Tasarımı, Doctorate, 2020 - 2021, 2019 - 2020
Betonarme Köprüler, Doctorate, 2017 - 2018
Yapı Mühendisliğinde Model Deneyler ve Modelleme Teknikleri, Postgraduate, 2017 - 2018
Statik, Undergraduate, 2016 - 2017, 2015 - 2016, 2008 - 2009, 2005 - 2006
Yapı Statiği I, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
Fracture Mechanics and Size Effect, Postgraduate, 2015 - 2016
High Rise Buildings, Postgraduate, 2016 - 2017
Yapı Statiği II, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
Cracking in concrete, Postgraduate, 2015 - 2016
depreme karsi yapisal bilinç eğitimi, Undergraduate, 2016 - 2017, 2015 - 2016
ADVANCED CONCRETE TECHNOLOGY, Postgraduate, 2015 - 2016, 2014 - 2015, 2012 - 2013, 2011 - 2012
Betonarme Yapıların Davranışı, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
Mesomechanical Constitutive Modelling, Postgraduate, 2014 - 2015, 2013 - 2014
Inelastic mesomechanics, Postgraduate, 2015 - 2016
Admixtures for Concrete, Postgraduate, 2014 - 2015, 2013 - 2014, 2011 - 2012, 2010 - 2011
Betonun Zamana Bağlı Davranışı, Postgraduate, 2014 - 2015
is guvenligi ve muhendislik etigi, Undergraduate, 2012 - 2013
Araştırma İlke ve Yöntemleri, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011

Advising Theses

Aydın A. C., HİBRİD LİFLİ KENDİLİĞİNDEN YERLEŞEN BETONLU PERDE DUVARLARIN BURULMA DAVRANIŞININ DENEYSEL VE SAYISAL OLARAK İNCELENMESİ, Doctorate, B.BAYRAK(Student), 2021
Aydın A. C., İnce cidarlı çelik tankların hidroklorik asit korozyonu etkisinde burkulma davranışlarının incelenmesi, Postgraduate, M.BUĞRA(Student), 2021
Aydın A. C., İnce cidarlı silindirik çelik tankların burkulma performanslarının sayısal modellenmesi, Postgraduate, O.AKARSU(Student), 2021
Aydın A. C., ÇELİK KOMPOZİT DÖŞEMELERDE ÇİVİ YOĞUNLUĞUNUN DÖŞEME TITREŞİMİNE ETKİSİ, Postgraduate, S.AHMAD(Student), 2021
Aydın A. C., Atık polimerlerden üretilmiş I profillerin eğilme davranışının incelenmesi, Postgraduate, K.ÇEBİ(Student), 2020
Aydın A. C., Atık polimerlerden üretilmiş U profillerin eğilme davranışının incelenmesi, Postgraduate, E.METE(Student), 2020
Aydın A. C., Tersinir yükler etkisinde yarı-rijit birleşimlerin sayısal modellenmesi, Postgraduate, A.ARDALANI(Student), 2019
Aydın A. C., Lifli betonarme kesitlerin karşılıklı etki diyagramlarının araştırılması, Postgraduate, E.TUNÇ(Student), 2019
Aydın A. C., Çimento esaslı silis dumanlı uçucu küllü kompozitlerin sem ve xrd destekli görsel analizlerin yapay sinir ağları ile modellenmesi, Doctorate, B.UZBAŞ(Student), 2019
Aydın A. C., Buckling behavior of dented short cylindrical shells, Postgraduate, A.AGHAZADEH(Student), 2018
Aydın A. C., Üçgen tasarımlı berkitmeli korniyerler ve T kesitli birleşimlerde moment dönme davranışının deneysel ve sayısal olarak incelenmesi, Doctorate, M.KILIÇ(Student), 2017
Aydın A. C., Yarı-rijit birleşimlerde moment-dönme davranışlarının deneysel ve sayısal incelenmesi, Doctorate,

M.MAALÍ(Student), 2016

Aydın A. C., The synergic influence of nanosilica and carbon nano tube on fresh and hardened properties of high volume fly ash self-compacting concretes, Postgraduate, V.JALİLZADİANNASL(Student), 2015

Aydın A. C., Betonarme kirişlerin burulma davranışı, Postgraduate, B.Bayrak(Student), 2015

Aydın A. C., Uçucu kül içeren kendiliğinden yerleşen hibrid lifli betonların bazı özelliklerinin araştırılması, Doctorate, A.ÖZ(Student), 2014

Aydın A. C., Korniyerli ve berkitmeli birleşimlerin moment-dönme davranışının araştırılması, Postgraduate, M.KILIÇ(Student), 2014

Aydın A. C., Tek açıklıklı yığma kemer köprülerin (Ordu, Sarpdere köprüsü) göçme yüklerinin sonlu elemanlar yöntemi ile incelenmesi, Postgraduate, S.Gökhan(Student), 2013

Aydın A. C., Borlu aktif belit çimentolu ısıtma işlem görmüş ve görmemiş betonların hidrasyon özellikleri, Postgraduate, İ.Fayetorbay(Student), 2013

Aydın A. C., Yarı-rijit kiriş-kolon birleşimli uzay çelik çerçevelerin rijitlik matrisi metodu ile analiz ve dizaynı, Doctorate, M.SAĞIROĞLU(Student), 2013

Aydın A. C., Borlu aktif belit çimentolu ısıtma işlem görmüş ve görmemiş betonların mekanik özellikleri, Postgraduate, H.ATEŞ(Student), 2013

Aydın A. C., Borlu aktif belit çimentolu ısıtma işlem görmüş ve görmemiş betonların sülfat direnci, Postgraduate, F.CANDAN(Student), 2012

Aydın A. C., Borlu aktif belit çimentolarının SEM ve XRD ile analizi, Postgraduate, Ü.GÜLSÜM(Student), 2011

Aydın A. C., Kendiliğinden yerleşen betonlara çimento tipi ve atmosferik buhar küre çevrimlerinin etkisi, Postgraduate, M.SAİD(Student), 2011

Aydın A. C., Çimento esaslı malzemelerin tek eksenli yük altındaki davranışının mezo düzey modellenmesi, Postgraduate, B.UZBAŞ(Student), 2008

Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Atatürk Üniversitesi, January, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Atatürk Üniversitesi, January, 2023

Associate Professor Exam, Associate Professor Exam, Ataturk University, December, 2022

Associate Professor Exam, Associate Professor Exam, Ataturk University, May, 2022

Associate Professor Exam, Associate Professor Exam, Ataturk University, May, 2022

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Kırıkkale Üniversitesi, February, 2022

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Konya Teknik Üniversitesi, November, 2021

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, September, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erzurum Teknik Üniversitesi, September, 2021

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, September, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, August, 2021

Post Graduate, Post Graduate, Atatürk Üniversitesi, July, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2021

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Iğdır Üniversitesi, June, 2021

Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, April, 2021

Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, April, 2021

Post Graduate, Post Graduate, Atatürk Üniversitesi, January, 2021

Appointment to Academic Staff-Professorship, Appointment Academic Staff, İnönü Üniversitesi, December, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atatürk Üniversitesi, December, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, November, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atatürk Üniversitesi, July, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atatürk Üniversitesi, May, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atatürk Üniversitesi, January, 2020

Associate Professor Exam, Associate Professor Exam, Konya Teknik Üniversitesi, November, 2019

Appointment to Academic Staff-Professorship, Appointment Academic Staff, İnönü Üniversitesi, July, 2019

Doctorate, Doktora Sınavı, Atatürk Üniversitesi, March, 2019

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erzurum Teknik Üniversitesi, February, 2019

Post Graduate, Yüksek Lisans Jürisi, Recep Tayyip Erdoğan Üniversitesi, January, 2019

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gaziantep Üniversitesi, December, 2018

Post Graduate, Hatice Şahin Yüksek Lisans Tez Savunması, Bayburt Üniversitesi, November, 2018

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Iğdır Üniversitesi, January, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **ANN Modeling of Concrete Containing Silica Fume and Fly Ash with SEM and XRD**
Uzbas B., AYDIN A. C.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, 2022 (SCI-Expanded)
- II. **The radiation shielding and microstructure properties of quartzic and metakaolin based geopolymer concrete**
Öz A., Bayrak B., Kavaz E., Kaplan G., Çelebi O., Alcan H. G., Aydın A. C.
CONSTRUCTION AND BUILDING MATERIALS, vol.342, pp.1-21, 2022 (SCI-Expanded)
- III. **Effect of quartz powder on mid-strength fly ash geopolymers at short curing time and low curing temperature**
Kaplan G., Öz A., Bayrak B., Alcan H. G., Çelebi O., Aydın A. C.
Construction And Building Materials, no.329, pp.1-18, 2022 (SCI-Expanded)
- IV. **Buckling behavior of double-layered composite cylindrical shells**
Maali M., BAYRAK B., KILIÇ M., Sagirolu M., AYDIN A. C.
INTERNATIONAL JOURNAL OF PRESSURE VESSELS AND PIPING, vol.191, 2021 (SCI-Expanded)
- V. **The effect of trio-fiber reinforcement on the properties of self-compacting fly ash concrete**
Öz A., Bayrak B., Aydın A. C.
Construction and Building Materials, vol.274, 2021 (SCI-Expanded)
- VI. **The shear and flexural behavior of cold-formed steel composite I and U beams**
Aydın A. C., Bayrak B., Maali M., Mete E., Cebi K., Kılıç M.
Scientia Iranica, vol.28, no.4, pp.2119-2132, 2021 (SCI-Expanded)
- VII. **The mechanical behavior of thermally enhanced polypropylene concrete**
AYDIN A. C., Alcan H. G., BAYRAK B., KILIÇ M., Maali M.
CONSTRUCTION AND BUILDING MATERIALS, vol.262, 2020 (SCI-Expanded)
- VIII. **CFRP Effect on the Buckling Behavior of Dented Cylindrical Shells**
AYDIN A. C., Yaman Z., Agcakoca E., KILIÇ M., Maali M., Dizaji A. A.
INTERNATIONAL JOURNAL OF STEEL STRUCTURES, vol.20, no.2, pp.425-435, 2020 (SCI-Expanded)
- IX. **The torsional behavior of reinforced self-compacting concrete beams**
Aydın A. C., Bayrak B.
Advances in Concrete Construction, vol.8, no.3, pp.187-198, 2019 (SCI-Expanded)
- X. **Experimental analysis of the effect of dent variation on the buckling capacity of thin-walled cylindrical shells**

Korucuk F. M. A., Maali M., KILIÇ M., AYDIN A. C.

THIN-WALLED STRUCTURES, vol.143, 2019 (SCI-Expanded)

- XI. **Buckling and post-buckling behavior of various dented cylindrical shells using CFRP strips subjected to uniform external pressure: Comparison of theoretical and experimental data**
Maali M., KILIÇ M., Yaman Z., Ağcakoca E., AYDIN A. C.
THIN-WALLED STRUCTURES, vol.137, pp.29-39, 2019 (SCI-Expanded)
- XII. **The synergic influence of nano-silica and carbon nano tube on self-compacting concrete**
Aydın A. C., Nasl V. J., Kotan T.
JOURNAL OF BUILDING ENGINEERING, vol.20, pp.467-475, 2018 (SCI-Expanded)
- XIII. **The effect of longitudinal imperfections on thin-walled conical shells**
Maali M., AYDIN A. C., SHOWKATİ H., Sagirolu M., KILIÇ M.
JOURNAL OF BUILDING ENGINEERING, vol.20, pp.424-441, 2018 (SCI-Expanded)
- XIV. **A Novel Approach for Bolted T-Stub Connections**
Sagirolu M., Maali M., Kılıç M., Aydın A. C.
INTERNATIONAL JOURNAL OF STEEL STRUCTURES, vol.18, no.3, pp.891-909, 2018 (SCI-Expanded)
- XV. **The finite element analysis of collapse loads of single-spanned historic masonry arch bridges (Ordu, Sarpdere Bridge)**
Aydın A. C., Ozkaya S. G.
ENGINEERING FAILURE ANALYSIS, vol.84, pp.131-138, 2018 (SCI-Expanded)
- XVI. **Experimental model for predicting the semi-rigid connections' behaviour with angles and stiffeners**
Maali M., Kılıç M., Sagirolu M., Aydın A. C.
ADVANCES IN STRUCTURAL ENGINEERING, vol.20, no.6, pp.884-895, 2017 (SCI-Expanded)
- XVII. **Experimental Model of the Behaviour of Bolted Angles Connections with Stiffeners**
Maali M., Kılıç M., Aydın A. C.
INTERNATIONAL JOURNAL OF STEEL STRUCTURES, vol.16, no.3, pp.719-733, 2016 (SCI-Expanded)
- XVIII. **The effect of blast furnace slag on the self-compactability of pumice aggregate lightweight concrete**
KURT M., Kotan T., GÜL M. S., Gül R., AYDIN A. C.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.41, no.2, pp.253-264, 2016 (SCI-Expanded)
- XIX. **The effect of pumice powder on the self-compactability of pumice aggregate lightweight concrete**
KURT M., GÜL M. S., Gül R., AYDIN A. C., Kotan T.
CONSTRUCTION AND BUILDING MATERIALS, vol.103, pp.36-46, 2016 (SCI-Expanded)
- XX. **Experimental investigation of sinus beams with end-plate connections**
Cüneyt Aydın A. C., Maali M., KILIÇ M., Sağıroğlu M.
THIN-WALLED STRUCTURES, vol.97, pp.35-43, 2015 (SCI-Expanded)
- XXI. **Experimental assessment of the semi-rigid connections behavior with angles and stiffeners**
Aydın A. C., Kılıç M., Maali M., Sağıroğlu M.
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH, vol.114, pp.338-348, 2015 (SCI-Expanded)
- XXII. **Investigation of innovative steel runway beam in industrial building**
Maali M., AYDIN A. C., Sağıroğlu M.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.40, no.7, pp.2239-2251, 2015 (SCI-Expanded)
- XXIII. **Effects of the different atmospheric steam curing processes on the properties of self-compacting-concrete containing microsilica**
AYDIN A. C., ÖZ A., POLAT R., MINDIVAN H.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.40, no.4, pp.1361-1371, 2015 (SCI-Expanded)
- XXIV. **The effect of fly ash to self-compactability of pumice aggregate lightweight concrete**
KURT M., AYDIN A. C., GÜL M. S., Gül R., Kotan T.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.40, no.4, pp.1343-1359, 2015 (SCI-Expanded)
- XXV. **Design and analysis of non-linear space frames with semi-rigid connections**

- Sagiroglu M., Aydın A. C.
STEEL AND COMPOSITE STRUCTURES, vol.18, no.6, pp.1405-1421, 2015 (SCI-Expanded)
- XXVI. **Predicting the chloride content from the color analysis for various cement-based materials**
Gül R., YAVUZ M., AYDIN A. C.
SCIENTIFIC RESEARCH AND ESSAYS, vol.5, no.15, pp.2004-2015, 2010 (SCI-Expanded)
- XXVII. **Characteristics of workability, strength, and ultrasonic pulse velocity of SCC containing zeolite and slag**
TÜRKMEN I., ÖZ A., AYDIN A. C.
SCIENTIFIC RESEARCH AND ESSAYS, vol.5, no.15, pp.2055-2064, 2010 (SCI-Expanded)
- XXVIII. **Effect of low quality aggregates on the mechanical properties of lightweight concrete**
AYDIN A. C., KARAKOÇ M., DÜZGÜN O. A., BAYRAKTUTAN M.
SCIENTIFIC RESEARCH AND ESSAYS, vol.5, no.10, pp.1133-1140, 2010 (SCI-Expanded)
- XXIX. **APPLICATION OF VARYING-FREQUENCY AMPLITUDE-ONLY TECHNIQUE FOR ELECTRICAL CHARACTERIZATION OF HARDENED CEMENT-BASED MATERIALS**
Hasar U. C., ŞİMŞEK Ö., AYDIN A. C.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.52, no.4, pp.801-805, 2010 (SCI-Expanded)
- XXX. **Rejoinder to Discussion 'Prediction of concrete clastic modulus using adaptive neuro-fuzzy inference system'**
AYDIN A. C., TORTUM A., Yavuz M.
CIVIL ENGINEERING AND ENVIRONMENTAL SYSTEMS, vol.26, no.2, pp.158, 2009 (SCI-Expanded)
- XXXI. **WATER-TO-CEMENT RATIO PREDICTION USING ANNS FROM NON-DESTRUCTIVE AND CONTACTLESS MICROWAVE MEASUREMENTS**
HASAR U. C., AKKAYA G., AKTAN M., GOZU C., AYDIN A. C.
PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER, vol.94, pp.311-325, 2009 (SCI-Expanded)
- XXXII. **Thermo-mechanical properties of fiber reinforced raw perlite concrete**
Gül R., OKUYUCU E., TÜRKMEN I., AYDIN A. C.
MATERIALS LETTERS, vol.61, no.29, pp.5145-5149, 2007 (SCI-Expanded)
- XXXIII. **Mesoscale simulation of cement based materials' time-dependent behavior**
Aydın A. C., Arslan A., Gül R.
Computational Materials Science, vol.41, pp.20-26, 2007 (SCI-Expanded)
- XXXIV. **Influence of volcanic originated natural materials as additives on the setting time and some mechanical properties of concrete**
AYDIN A. C., GÜL R.
CONSTRUCTION AND BUILDING MATERIALS, vol.21, no.6, pp.1277-1281, 2007 (SCI-Expanded)
- XXXV. **Self compactability of high volume hybrid fiber reinforced concrete**
AYDIN A. C.
CONSTRUCTION AND BUILDING MATERIALS, vol.21, no.6, pp.1149-1154, 2007 (SCI-Expanded)
- XXXVI. **Prediction of concrete elastic modulus using adaptive neuro-fuzzy inference system - Rejoinder**
Aydın A. C.
CIVIL ENGINEERING AND ENVIRONMENTAL SYSTEMS, vol.24, no.4, pp.301-302, 2007 (SCI-Expanded)
- XXXVII. **Prediction of concrete elastic modulus using adaptive neuro-fuzzy inference system**
AYDIN A. C., TORTUM A., YAVUZ M.
CIVIL ENGINEERING AND ENVIRONMENTAL SYSTEMS, vol.23, no.4, pp.295-309, 2006 (SCI-Expanded)
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IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, SCI Journal, March 2021

Project Supported by Higher Education Institutions, BAP Research Project, Erciyes University, Turkey, February 2021

CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, January 2021

IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY, SCI Journal, January 2021

KSCE JOURNAL OF CIVIL ENGINEERING, SCI Journal, January 2021

CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, December 2020

Project Supported by Other Official Institutions, Bilim Teknoloji ve Sanayi Bakanlığı, Turkey, December 2020

ENGINEERING STRUCTURES, SCI Journal, November 2020

IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY, SCI Journal, November 2020

BALIKESİR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, November 2020

CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, October 2020

CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, August 2020
KSCE JOURNAL OF CIVIL ENGINEERING, SCI Journal, July 2020
CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, July 2020
ACI MATERIALS JOURNAL, SCI Journal, July 2020
CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, July 2020
ADVANCES IN STRUCTURAL ENGINEERING, SCI Journal, June 2020
CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, June 2020
CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, June 2020
STRUCTURES, SCI Journal, May 2020
STRUCTURES, SCI Journal, May 2020
STEEL AND COMPOSITE STRUCTURES, SCI Journal, April 2020
ENGINEERING STRUCTURES, SCI Journal, April 2020
STRUCTURES, SCI Journal, April 2020
ACI STRUCTURAL JOURNAL, SCI Journal, March 2020
KSCE JOURNAL OF CIVIL ENGINEERING, SCI Journal, January 2020
Engineering Structures, SCI Journal, March 2019
Structures, SCI Journal, March 2019
Thin-Walled Structures, SCI Journal, March 2019
KSCE Journal of Civil Engineering, SCI Journal, February 2019
Journal of Building Engineering, SCI Journal, February 2019
Engineering Structures, SCI Journal, January 2019
Thin-Walled Structures, SCI Journal, January 2019
Advances in Materials Research, An International Journal, SCI Journal, June 2018
Journal of Building Engineering, SCI Journal, June 2018
Advances in Structural Engineering, SCI Journal, May 2018
Thin-Walled Structures, SCI Journal, May 2018
Advances in Materials Science and Engineering, SCI Journal, April 2018
The Open Civil Engineering Journal, Other Indexed Journal, March 2018
JESTECH, SCI Journal, March 2018
Thin walled Structures, SCI Journal, February 2018
World Journal of Engineering, SCI Journal, February 2018
Uludağ Fen Bilimleri Dergisi, National Scientific Refreed Journal, February 2018
KSCE J, SCI Journal, January 2018
Construction and Building Materials, SCI Journal, January 2018
ACI Structural and Materials Journals, SCI Journal, May 2017
KSCE Journal of Civil Engineering, SCI Journal, May 2017
construction and Building Materials, SCI Journal, May 2017
Advances in Structural Engineering, SCI Journal, May 2017
construction and Building Materials, SCI Journal, March 2017
construction and Building Materials, SCI Journal, March 2017
Engineering Structures, SCI Journal, January 2017
ACI Structural and Materials Journals, SCI Journal, December 2016
Engineering Structures, SCI Journal, September 2016
Engineering Structures, SCI Journal, July 2016
Advances in Structural Engineering, SCI Journal, July 2016
construction and Building Materials, SCI Journal, July 2016
KSCE Journal of Civil Engineering, SCI Journal, June 2016
Advances in Structural Engineering, SCI Journal, March 2016
ACI Structural and Materials Journals, SCI Journal, March 2016
KSCE Journal of Civil Engineering, SCI Journal, December 2015
construction and Building Materials, SCI Journal, August 2015

Engineering Structures, SCI Journal, June 2015
ACI Structural and Materials Journals, SCI Journal, April 2015
Engineering Structures, SCI Journal, March 2015
European Journal of Environmental and Civil Engineering, SCI Journal, February 2015
European Journal of Environmental and Civil Engineering, SCI Journal, April 2014
ACI Structural and Materials Journals, SCI Journal, April 2014
construction and Building Materials, SCI Journal, December 2013
KSCE Journal of Civil Engineering, SCI Journal, November 2013
Engineering Structures, SCI Journal, September 2013
Engineering Structures, SCI Journal, February 2012
Engineering Structures, SCI Journal, November 2011

Scientific Consultations

ACADEMY Sağlık Hiz. Müh. İnş. Taah. Elekt. Yay. Tic. San. Ltd. Şti., Scientific Consultancy, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey, 2021 - Continues
Erzurum İl Afet Risk Azaltma Planı (İRAP) Destek Kurul Üyeliği, Scientific Consultancy, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey, 2021 - Continues
çevre şehircilik, Scientific Consultancy, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey, 2021 - Continues
Erzurum 1. İdari Dava Dairesi, Scientific Consultancy, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey, 2021 - 2021
Ataturk Üniversitesi, Scientific Consultancy, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey, 2021 - 2021
Demars İnşaat Turizm Tic. Ltd. Şirketi, Scientific Consultancy, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey, 2018 - 2018
Sanayi ve Teknoloji Bakanlığı, Scientific Consultancy, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey, 2018 - 2018
Bilim Teknoloji ve Sanayi Bakanlığı, Scientific Consultancy, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey, 2017 - 2017

Tasks In Event Organizations

Kan A., Türkmen İ., Topçu İ. B., Aydın A. C., GEC-2022 Second International Geopolymeric Composites Congress, Scientific Congress, Erzurum, Turkey, Aralık 2022
Aydın A. C., Şenocak S., Kaya A., Orhan E., ÖZ F., UZUNDUMLU A. S., 4th International Conference on Advanced Engineering Technologies, Scientific Congress, Bayburt, Turkey, Eylül 2022
Kan A., Aydın A. C., Erdoğan Ş., Structural Health Monitoring Congress (SHM-2022), Scientific Congress, Erzurum, Turkey, Ağustos 2022
Aydın A. C., International Fiber Reinforced Cement Based Composites Congress (FIR-2022), Scientific Congress, Erzurum, Turkey, Nisan 2022
Kan A., Türkmen İ., Aydın A. C., REC-2022 International Recycled Cement Based Composites Congress, Scientific Congress, Erzurum, Turkey, Nisan 2022
Kan A., Bayrak B., Aydın A. C., KAPLAN G., Geopolymeric Composites Congress, Scientific Congress, Erzurum, Turkey, Aralık 2021
Aydın A. C., International Webinar on Civil Engineering and Architectural Design, Scientific Congress, Dubai, United Arab Emirates, Kasım 2021
Aydın A. C., 14th INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING, Scientific Congress, İstanbul, Turkey, Eylül 2021

Aydın A. C., The First International Congress on Phenomenological Aspects in Civil Engineering (PACE-2021), Scientific Congress, Erzurum, Turkey, Haziran 2021

Aydın A. C., International online congress on engineering and natural sciences, Scientific Congress, Gümüşhane, Turkey, Haziran 2021

Başçı A., AYDIN A. C., ÇORAPSIZ M. F., 2nd International Symposium on Applied Science and Engineering (ISASE-2021), Scientific Congress, Erzurum, Turkey, Nisan 2021

Aydın A. C., 3rd Annual Conference on Steel and Structural Engineering September 09-11, 2019 | Seoul, South Korea, Scientific Congress, Seoul, South Korea, Eylül 2019

Aydın A. C., The 1st International Conference on Sustainable Built Environment Infrastructures in Developing Countries, Scientific Congress, Oran, Algeria, Ekim 2009

Aydın A. C., Bilimde Modern Yöntemler Sempozyumu, Scientific Congress, Eskişehir, Turkey, Ekim 2008

Metrics

Publication: 169
Citation (WoS): 889
Citation (Scopus): 999
H-Index (WoS): 18
H-Index (Scopus): 19

Congress and Symposium Activities

INTERNATIONAL WEBINAR ON CIVIL ENGINEERING AND ARCHITECTURAL DESIGN, Invited Speaker, Dubai, United Arab Emirates, 2021

The International Congress on Phenomenological Aspects in Civil Engineering (PACE 2021), Attendee, Erzurum, Turkey, 2021

The International Congress on Phenomenological Aspects in Civil Engineering (PACE 2021), Attendee, Erzurum, Turkey, 2021

2nd International Symposium on Applied Science and Engineering (ISASE-2021), Invited Speaker, Erzurum, Turkey, 2021

TÜBİTAK Bilim Söyleşileri, Invited Speaker, Erzurum, Turkey, 2020

International Conference on Advanced Technologies for Humanity (ICATH'2020), Session Moderator, Rabat, Morocco, 2020

TÜBİTAK Bilim Söyleşileri, Invited Speaker, Erzurum, Turkey, 2019

TÜBİTAK Bilim Söyleşileri, Invited Speaker, Erzurum, Turkey, 2019

Session Moderator, Seoul, South Korea, 2019

International Civil Engineering and Architecture Conference 2019, Session Moderator, Trabzon, Turkey, 2019

International Civil Engineering and Architecture Conference 2019, Attendee, Trabzon, Turkey, 2019

Awards

Maali M., Maali M., Kılıç M., Aydın A. C., POSCO-KSSC Award, Posco-Kssc Award (https://www.springer.com/journal/13296/updates/19669452?error=cookies_not_supported&code=A99fa3dd-Ead0-4Ce1-80D3-7Cff643b32ae), November 2021

AYDIN A. C., Outstanding Reviewer Award, Elsevier-Journal of Building Engineering, June 2018

AYDIN A. C., Outstanding Reviewer Award, Elsevier-Construction and Building Materials, March 2017

Aydın A. C., Teşekkür Belgesi, Atatürk Üniversitesi Mühendislik Fakültesi Dekanlığı, December 2007

Visual Activities

Aydın A. C., Architectural Journal of Urbanism, Landscape, Heritage & Design (AJUL), Journal Publishing, 2021 - Continues

Aydın A. C., LUMINOSOPHY, Journal Publishing, 2021 - Continues

Aydın A. C., Journal of Nature, Science & Technology (JANSET), Journal Publishing, 2021 - Continues

Aydın A. C., Journal of Cement Based Composites, Journal Publishing, 2019 - Continues

Aydın A. C., Journal of Civil Engineering Beyond Limits, Journal Publishing, 2019 - Continues

Aydın A. C., ACA Publishing, Journal Publishing, 2019 - Continues

Aydın A. C., Brilliant Engineering Journal, Journal Publishing, 2019 - Continues

Entrepreneurship Activities

Limited, ACADEMY Sağlık Hiz. Müh. İnş. Taah. Elekt. Yay. Tic. San. Ltd. Şti., 11 January 2021, Co-Founder

Representation and Promotion Activities

Institutional Promotion, ACA Publishing (acapublishing.com), Turkey, Erzurum, 2019 - 2041

Institutional Representation, İçişleri Bakanlığı Afet ve Acil Durum Yönetimi Başkanlığı Erzurum İl Afet Risk Azaltma Planı (İRAP) , Turkey, Erzurum, 2021 - 2023

Institutional Representation, Erzurum Valiliği Çevre ve Şehircilik İl Müdürlüğünde, Turkey, Erzurum, 2021 - 2023

Institutional Representation, Akdeniz Üniversitesi, Turkey, Antalya, 2022 - 2022

Institutional Representation, Bayburt Üniversitesi, Turkey, Bayburt, 2022 - 2022

Institutional Promotion, INTERNATIONAL WEBINAR ON CIVIL ENGINEERING AND ARCHITECTURAL DESIGN, United Arab Emirates, Dubai, 2021 - 2021

Institutional Promotion, Ataturk Üniversitesi, Turkey, Erzurum, 2021 - 2021