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Personal Information

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Education Information

Doctorate, Wayne State University, United States Of America 1997 - 2000

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, İnşaat Mühendisliği (YI) (Tezli), Turkey 1993 - 1995

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1988 - 1993

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, FINITE ELEMENT SIMULATION OF WAVE PROPAGATION IN CONCRETE FOR THE EVALUATION OF ULTRASONIC TESTING PROCEDURES FINITE ELEMENT SIMULATION OF WAVE PROPAGATION IN CONCRETE FOR THE EVALUATION OF ULTRASONIC TESTING PROCEDURES, Wayne State University, 2000

Postgraduate, Floor response spectrum development for structural systems, Middle East Technical University, Graduate School of Natural and Applied Sciences, İnşaat Mühendisliği (YI) (Tezli), 1995

Research Areas

Civil Engineering, Highways, Building materials, Materials in Civil Engineering, Concrete Technology, Composite materials, Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2011 - Continues
Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2006 - 2011

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2003 - 2006

Academic and Administrative Experience

Head of Department, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2015 - 2018

Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2003 - 2010

Middle East Technical University, Graduate School of Natural and Applied Sciences, Çimento Mühendisliği (YI) (Tezli), 2006 - 2008

Advising Theses

YAMAN İ. Ö., Synthesis of green calcium sulfoaluminate cements using an industrial symbiosis approach, Doctorate, M.TANGÜLER(Student), 2022

YAMAN İ. Ö., ESTABLISHMENT OF THE UNIT PRICES FOR RIGID PAVEMENTS AND INITIAL COST COMPARISON OF FLEXIBLE AND RIGID PAVEMENTS FOR THE STATE ROADS OF TÜRKİYE, Postgraduate, M.BARIŞCAN(Student), 2022

YAMAN İ. Ö., Properties of reactive magnesia-incorporated cements, Doctorate, M.KEMAL(Student), 2022

YAMAN İ. Ö., Silindirele sıkıştırılabilir iki tabakalı beton kaplamalar arası bağ performansının deneysel olarak belirlenmesi, Doctorate, A.GÜRKAN(Student), 2021

Göktepe S., Yaman I. Ö., COMPUTATIONAL MODELING OF THERMAL AND SHRINKAGE-INDUCED CRACKING IN CONCRETE, Doctorate, M.GHASABEH(Student), 2021

YAMAN İ. Ö., DEVELOPMENT OF CONSTRUCTION AND DEMOLITION WASTE-BASED ENGINEERED GEOPOLYMER COMPOSITES WITH SELF-HEALING CAPABILITY, Doctorate, H.ULUGÖL(Student), 2021

YAMAN İ. Ö., TEXTURE CHARACTERIZATION OF ROLLER COMPACTED CONCRETE PAVEMENTS BY AN IN-HOUSE DEVELOPED OPTICAL SURFACE PROFILER, Doctorate, M.MAHYAR(Student), 2021

Kurç Ö., Yaman İ. Ö., EXPERIMENTAL AND NUMERICAL INVESTIGATION OF SHRINKAGE MECHANISM OF PLAIN AND REINFORCED CONCRETE MEMBERS, Doctorate, U.ALBOSTAN(Student), 2020

Yaman İ. Ö., Alam B., EFFECT OF SPECIMEN SIZE, FIBER TYPE AND CONCRETE STRENGTH ON THE FLEXURAL PERFORMANCE OF FIBER REINFORCED CONCRETE, Postgraduate, A.GÜZELCE(Student), 2019

Yaman İ. Ö., Alam B., EFFECT OF FIBER TYPE AND CONCRETE STRENGTH ON THE ENERGY ABSORPTION CAPACITY OF FIBER REINFORCED CONCRETE PLATES UNDER QUASI-STATIC BENDING, Postgraduate, A.MACİT(Student), 2019

Yaman İ. Ö., Alam B., ALEESSA ALAM B., EFFECT OF INCREASED VOLUME OF FIBERS ON THE FRACTURE PROPERTIES OF CEMENTITIOUS COMPOSITES, Postgraduate, U.EMRE(Student), 2019

Yaman İ. Ö., Ceylan H., Effects of mixture design parameters and compaction methods on the properties of roller compacted concrete pavements, Doctorate, E.ŞENGÜN(Student), 2019

YAMAN İ. Ö., HIGH PERFORMANCE MACRO SYNTHETIC FIBER REINFORCED CONCRETE, Postgraduate, Ç.ÖZTÜRK(Student), 2018

YAMAN İ. Ö., Effect of test methods on the performance of fiber reinforced concrete with different dosages and matrices, Postgraduate, Y.OĞUZ(Student), 2018

PARLAKTUNA M., YAMAN İ. Ö., Evaluation of limestone incorporated cement compositions for cementing gas hydrate zones in deepwater environments, Postgraduate, İ.ALPTUĞ(Student), 2017

YAMAN İ. Ö., AKKAYA A., Strength assesment of Turkish cements, Postgraduate, N.İPEK(Student), 2017

YAMAN İ. Ö., The effect of nanosilica on the properties of pumice incorporated blended cements, Postgraduate, B.DÜNDAR(Student), 2016

YAMAN İ. Ö., Fatigue performance of engineered cementitious composites, Doctorate, B.ALEESSA(Student), 2016

YAMAN İ. Ö., Yaman İ., The Effect of nanosilica on the properties of pumice incorporated blended cement, Postgraduate, B.Dünder(Student), 2016

ÖZTÜRK A., YAMAN İ. Ö., Effect of triisopropanol amine and calcium nitrate on the strength development of glass fiber

reinforced concrete, Postgraduate, M.ONUR(Student), 2015

YAMAN İ. Ö., ÖZTÜRK A., Effect of triisopropanol amine and calcium nitrate on the strength development of glass fiber reinforced concrete t, Postgraduate, M.Onur(Student), 2015

GÖKTEPE S., YAMAN İ. Ö., Coupled thermomechanical analysis of concrete hardening, Postgraduate, H.İBRAHİM(Student), 2015

YAMAN İ. Ö., TOKYAY M., Comparison of test methods on the compressive strength of fly ash blended cements /, Postgraduate, H.TUNÇ(Student), 2014

AKIN S., YAMAN İ. Ö., An experimental study on the effects of different chloride sources on the properties of API class G cement, Postgraduate, Ö.RAMAZANOĞLU(Student), 2014

YAMAN İ. Ö., Dimensional stability of engineered cementitious composites, Doctorate, S.BAHADIR(Student), 2012

YAMAN İ. Ö., AKYÜZ U., Behavior of cfrp confined concrete specimens under temperature cycles and sustained loads, Doctorate, B.ERDİL(Student), 2012

Göktepe S., Yaman İ. Ö., Finite element analyses of differential shrinkage - induced cracking in centrifugally cast concrete poles, Postgraduate, T.Tanfener(Student), 2012

AKIN S., YAMAN İ. Ö., Utilization of GGBFS blended cement pastes in well cementing, Postgraduate, B.ALP(Student), 2012

YAMAN İ. Ö., GÖKTEPE S., Finite element analyses of differential shrinkage-induced cracking in centrifugally cast concrete poles, Postgraduate, T.TANFENER(Student), 2012

YAMAN İ. Ö., Effects of granulated blast furnace slag trass and limestone fineness on the properties of blended cements, Postgraduate, T.DELİBAŞ(Student), 2012

ÖZTÜRK A., YAMAN İ. Ö., Synthesis of alinite cement using soda solid waste, Postgraduate, A.GÜNEŞ(Student), 2010

ÖZTÜRK A., YAMAN İ. Ö., Comparison of compressive strength test procedures for blended cement, Postgraduate, E.ÜLKER(Student), 2010

YAMAN İ. Ö., ÖZTÜRK A., Comparison of compressive strength test procedures for blended cements, Postgraduate, E.Ülker(Student), 2010

YAMAN İ. Ö., A study on blended bottom ash cements, Postgraduate, A.İDİL(Student), 2010

ÖZTÜRK A., YAMAN İ. Ö., Utilization of soda and beer wastes in cementitious systems, Postgraduate, B.ALEESSA(Student), 2009

YAMAN İ. Ö., A study on the early-strength improvement of slag cements, Postgraduate, E.AKGÜN(Student), 2009

YAMAN İ. Ö., TOKYAY M., Monitoring the development of properties in fresh cement paste and mortar by ultrasonic waves, Doctorate, Ö.KASAP(Student), 2009

YAMAN İ. Ö., Investigation of the properties of portland slag cement produced by separate grinding and intergrinding methods, Postgraduate, Ç.GEVEN(Student), 2009

YAMAN İ. Ö., Evaluation of air void parameters of fly ash incorporated self consolidating concrete by image processing, Doctorate, N.GÖZDE(Student), 2009

DAĞ S., YAMAN İ. Ö., Finite element simulation of crack propagation for steel fiber reinforced concrete, Postgraduate, K.ÖZENÇ(Student), 2009

YAMAN İ. Ö., Bonding efficiency of roller compacted concrete with different bedding mixes, Postgraduate, S.Özcan(Student), 2008

YAMAN İ. Ö., TOKYAY M., Various durability aspects of slurry infiltrated fiber concrete, Doctorate, A.MOHAMED(Student), 2007

YAMAN İ. Ö., Determining the thickness of concrete pavements using the impact-echo test method, Postgraduate, C.BARAN(Student), 2007

YAMAN İ. Ö., GÜLER M., Investigation of relationship between aggregate shape parameters and concrete strength using imaging techniques, Postgraduate, M.ÖZEN(Student), 2007

YAMAN İ. Ö., CANBAY E., Tensile behavior of chemically bonded post-installed anchors in low strength reinforced concretes, Postgraduate, L.MAZİLİGÜNEY(Student), 2007

YAMAN İ. Ö., TOKYAY M., Modelling the fresh properties of self compacting concrete utilizing statistical design of experiment techniques, Postgraduate, L.EROĞLU(Student), 2007

YAMAN İ. Ö., Evaluation of cement mortars by ultrasound, Postgraduate, N.Gözde(Student), 2006

Tokyay M., Yaman İ. Ö., Self-compacting concrete with high volumes of fly ash, Doctorate, M.ŞAHMARAN(Student), 2006

YAMAN İ. Ö., Sulfate resistance of blended cements with fly ash and natural pozzolan, Postgraduate, K.DURU(Student),

2006

YAMAN İ. Ö., A study on abrasion resistance of concrete paving blocks, Postgraduate, O.ASLANTAŞ(Student), 2004

YAMAN İ. Ö., Effect of chemical and mineral admixtures on the fresh properties of self compacting mortars, Postgraduate, H.Ari(Student), 2004

Designed Lessons

Yaman İ. Ö., Nondestructive Testing of Concrete, Postgraduate, 2010 - 2011

Yaman İ. Ö., CEMENT AND CONCRETE QUALITY, Postgraduate, 2007 - 2008

Designed Programs

Yaman İ. Ö., Undergraduate Double Major, CEMENT ENGINEERING, 2006 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Hydration characteristics of calcium sulfoaluminate cements synthesized using an industrial symbiosis framework**
Tangler-Bayramtan M., Turk S., YAMAN İ. Ö.
Construction and Building Materials, vol.447, 2024 (SCI-Expanded)
- II. **Long-term mechanical performance of fly ash-incorporated reactive magnesia cements**
Ardoga M. K., YAMAN İ. Ö., TOKYAY M.
ADVANCES IN CEMENT RESEARCH, 2024 (SCI-Expanded)
- III. **Dematerialization of Concrete: Meta-Analysis of Lightweight Expanded Clay Concrete for Compressive Strength**
Uslu İ., Uysal O., Aktaş C. B., Chang B., YAMAN İ. Ö.
Sustainability (Switzerland), vol.16, no.15, 2024 (SCI-Expanded)
- IV. **Physical and Mechanical Properties of Lightweight Expanded Clay Aggregate Concrete**
Uysal O., Uslu İ., Aktaş C. B., Chang B., YAMAN İ. Ö.
Buildings, vol.14, no.6, 2024 (SCI-Expanded)
- V. **Enhancing bonding performance in two-layer roller-compacted concrete pavements: Bridging laboratory insights with field performance**
Güngör A. G., ŞENGÜN E., YILMAZ Y., YAMAN İ. Ö.
Construction and Building Materials, vol.418, 2024 (SCI-Expanded)
- VI. **The impact of specimen size and alteration of fiber configuration on the flexural performance of high-performance concrete**
Şengün E., Hamahang Sherzai M., Macit Mercan A., Guzelce A., Alam B., Ozgur Yaman İ. Ö.
Journal of Building Engineering, vol.68, 2023 (SCI-Expanded)
- VII. **Cement and hydroxyethyl methyl cellulose interaction: The performance of cement-based adhesives**
TANGÜLER BAYRAMTAN M., ALEESSA ALAM B., Sucu M., Delibas T., Yaman İ. Ö.
MATERIALS AND STRUCTURES, vol.55, no.3, 2022 (SCI-Expanded)
- VIII. **The Effect of Mixture Parameters on the Surface Properties of Roller Compacted Concrete (RCC) Pavements**
SHABANI R., ŞENGÜN E., Ozturk H. I., YAMAN İ. Ö.
TEKNIK DERGI, vol.32, no.5, pp.11153-11174, 2021 (SCI-Expanded)
- IX. **Effects of self-healing on the microstructure, transport, and electrical properties of 100% construction- and demolition-waste-based geopolymer composites**
ULUGÖL H., Günal M. F., YAMAN İ. Ö., YILDIRIM G., ŞAHMARAN M.

- Cement and Concrete Composites, vol.121, 2021 (SCI-Expanded)
- X. **A new evaluation of the fatigue design criteria of roller compacted concrete (RCC) pavements**
Sengun E., ALEESSA ALAM B., YAMAN İ. Ö., Ceylan H.
Construction and Building Materials, vol.289, 2021 (SCI-Expanded)
- XI. **Fatigue performance of PVA fibre reinforced cementitious composite overlays**
Alam B., YAMAN İ. Ö.
INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING, vol.22, no.7, pp.822-828, 2021 (SCI-Expanded)
- XII. **Superpave Gyrotory Compactor as an Alternative Design Method for Roller Compacted Concrete in the Laboratory**
SHABANI R., ŞENGÜN E., Ozturk H. I., ALEESSA ALAM B., YAMAN İ. Ö.
Journal of Materials in Civil Engineering, vol.33, no.6, 2021 (SCI-Expanded)
- XIII. **Stress-Based Fatigue Performance and Fatigue Life Prediction of Engineered Cementitious Composites**
Aleessa Alam B., Yaman İ. Ö.
Journal of Materials in Civil Engineering, vol.33, no.2, 2021 (SCI-Expanded)
- XIV. **Strength and fracture properties of roller compacted concrete (RCC) prepared by an in-situ compaction procedure**
ŞENGÜN E., ALEESSA ALAM B., Shabani R., YAMAN İ. Ö.
CONSTRUCTION AND BUILDING MATERIALS, vol.271, 2021 (SCI-Expanded)
- XV. **Comparison of Mechanistic-Empirical and Traditional Rigid Pavement Design Methods: Afyon-Emirdag Trial Section**
ŞENGÜN E., Ozturk H., YAMAN İ. Ö.
TEKNİK DERGI, vol.31, no.5, pp.10251-10274, 2020 (SCI-Expanded)
- XVI. **The effects of compaction methods and mix parameters on the properties of roller compacted concrete mixtures**
Şengün E., Alam B., Shabani R., YAMAN İ. Ö.
Construction and Building Materials, vol.228, 2019 (SCI-Expanded)
- XVII. **Comparison of jointed plain concrete pavement systems designed by mechanisticempirical (M-E) method for different traffic, subgrade, material and climatic conditions Farkli trafik, zemin, malzeme ve iklim kosullari için mekanistik-ampirik (M-E) yöntemle tasarlanan derzli donatisiz rijit üstyapi sistemlerinin karsilastirilmesi**
ÖZTÜRK H. I., Tan E. B., ŞENGÜN E., YAMAN İ. Ö.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.34, no.2, pp.771-783, 2019 (SCI-Expanded)
- XVIII. **Role of Nanosilica on the Early-Age Performance of Natural Pozzolan-Based Blended Cement**
Yildirim G., Dundar B., ALEESSA ALAM B., YAMAN İ. Ö., ŞAHMARAN M.
ACI MATERIALS JOURNAL, vol.115, no.6, pp.969-980, 2018 (SCI-Expanded)
- XIX. **Cement production by cement-bonded wood particleboard wastes**
Yilmaz M., TOKYAY M., YAMAN İ. Ö.
ADVANCES IN CEMENT RESEARCH, vol.28, no.4, pp.233-240, 2016 (SCI-Expanded)
- XX. **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)
- XXI. **Correlation between the viscoelastic properties and cracking potential of engineered cementitious composites**
KESKİN S. B., ŞAHMARAN M., YAMAN İ. Ö., Lachemi M.
CONSTRUCTION AND BUILDING MATERIALS, vol.71, pp.375-383, 2014 (SCI-Expanded)
- XXII. **Effect of Presoaked Expanded Perlite Aggregate on the Dimensional Stability and Mechanical Properties of Engineered Cementitious Composites**
KESKİN S. B., Sulaiman K., Sahmaran M., YAMAN İ. Ö.
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.25, no.6, pp.763-771, 2013 (SCI-Expanded)

- XXIII. **CFRP-confined concrete columns under different environmental conditions**
Erdil B., AKYÜZ U., YAMAN İ. Ö.
MAGAZINE OF CONCRETE RESEARCH, vol.65, no.12, pp.731-743, 2013 (SCI-Expanded)
- XXIV. **Properties of alinite cement produced by using soda sludge**
Kesim A. G., TOKYAY M., YAMAN İ. Ö., ÖZTÜRK A.
ADVANCES IN CEMENT RESEARCH, vol.25, no.2, pp.104-111, 2013 (SCI-Expanded)
- XXV. **Compressive strength development of calcium aluminate cement-GGBFS blends**
Kirca O., YAMAN İ. Ö., TOKYAY M.
CEMENT & CONCRETE COMPOSITES, vol.35, no.1, pp.163-170, 2013 (SCI-Expanded)
- XXVI. **Thin ECC overlay systems for rehabilitation of rigid concrete pavements**
Yucel H. E., Jashami H., Sahmaran M., GÜLER M., Sahmaran M.
MAGAZINE OF CONCRETE RESEARCH, vol.65, no.2, pp.108-120, 2013 (SCI-Expanded)
- XXVII. **After the Van earthquakes**
Yaman İ. Ö.
Concrete, vol.46, no.7, pp.46-47, 2012 (SCI-Expanded)
- XXVIII. **Mechanical behavior of CFRP confined low strength concretes subjected to simultaneous heating-cooling cycles and sustained loading**
Erdil B., AKYÜZ U., YAMAN İ. Ö.
MATERIALS AND STRUCTURES, vol.45, pp.223-233, 2012 (SCI-Expanded)
- XXIX. **Transport and mechanical properties of self consolidating concrete with high volume fly ash**
Sahmaran M., YAMAN İ. Ö., TOKYAY M.
CEMENT & CONCRETE COMPOSITES, vol.31, no.2, pp.99-106, 2009 (SCI-Expanded)
- XXX. **Self-healing of mechanically-loaded self consolidating concretes with high volumes of fly ash**
Sahmaran M., KESKİN S., Ozerkan G., YAMAN İ. Ö.
CEMENT & CONCRETE COMPOSITES, vol.30, no.10, pp.872-879, 2008 (SCI-Expanded)
- XXXI. **Evaluation of natural zeolite as a viscosity-modifying agent for cement-based grouts**
Sahmaran M., ÖZKAN N., KESKİN S., UZAL B., YAMAN İ. Ö., Erdem T. K.
CEMENT AND CONCRETE RESEARCH, vol.38, no.7, pp.930-937, 2008 (SCI-Expanded)
- XXXII. **Influence of transverse crack width on reinforcement corrosion initiation and propagation in mortar beams**
Sahmaran M., YAMAN İ. Ö.
CANADIAN JOURNAL OF CIVIL ENGINEERING, vol.35, no.3, pp.236-245, 2008 (SCI-Expanded)
- XXXIII. **Sulfate resistance of plain and blended cements exposed to wetting-drying and heating-cooling environments**
Sahmaran M., Erdem T. K., Yaman I. O.
CONSTRUCTION AND BUILDING MATERIALS, vol.21, no.8, pp.1771-1778, 2007 (SCI-Expanded)
- XXXIV. **Effects of mix composition and water-cement ratio on the sulfate resistance of blended cements**
Sahmaran M., Kasap O., Duru K., Yaman I. O.
CEMENT & CONCRETE COMPOSITES, vol.29, no.3, pp.159-167, 2007 (SCI-Expanded)
- XXXV. **Hybrid fiber reinforced self-compacting concrete with a high-volume coarse fly ash**
Sahmaran M., Yaman I. O.
CONSTRUCTION AND BUILDING MATERIALS, vol.21, no.1, pp.150-156, 2007 (SCI-Expanded)
- XXXVI. **Numerical modelling and finite element analysis of stress wave propagation for ultrasonic pulse velocity testing of concrete**
Yaman I. O., Akbay Z., Aktan H.
COMPUTERS AND CONCRETE, vol.3, no.6, pp.423-437, 2006 (SCI-Expanded)
- XXXVII. **The effect of chemical admixtures and mineral additives on the properties of self-compacting mortars**
Sahmaran M., Christianto H., Yaman I.
CEMENT & CONCRETE COMPOSITES, vol.28, no.5, pp.432-440, 2006 (SCI-Expanded)
- XXXVIII. **Workability of hybrid fiber reinforced self-compacting concrete**

- Sahmaran M., Yurtseven A., Yaman I.
BUILDING AND ENVIRONMENT, vol.40, no.12, pp.1672-1677, 2005 (SCI-Expanded)
- XXXIX. **Acoustic emission evaluation of concrete culverts**
Birgul R., Al-shammari F., Yaman I., Aktan M.
RESEARCH IN NONDESTRUCTIVE EVALUATION, vol.15, no.4, pp.191-208, 2004 (SCI-Expanded)
- XL. **Active and non-active porosity in concrete. Part II: Evaluation of existing models**
Yaman İ. Ö., Aktan H., Hearn N.
Materials and Structures/Materiaux et Constructions, vol.34, no.246, pp.110-116, 2002 (SCI-Expanded)
- XLI. **Active and non-active porosity in concrete. Part I: Experimental evidence**
Yaman İ. Ö., Hearn N., Aktan H.
Materials and Structures/Materiaux et Constructions, vol.34, no.246, pp.102-109, 2002 (SCI-Expanded)
- XLII. **Test method for appraising future durability of new concrete bridge decks**
Yaman İ. Ö., Birgul R., Aktan H., Hearn N., Staton J.
Transportation Research Record, no.1798, pp.56-63, 2002 (SCI-Expanded)
- XLIII. **Ultrasonic pulse velocity in concrete using direct and indirect transmission**
Yaman İ. Ö., Inci G., Yesiller N., Aktan H. M.
ACI Materials Journal, vol.98, no.6, pp.450-457, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **State of Art Review of Roller Compacted Concrete Pavement Part II: Compaction Methodology and Field Applications**
Şengün E., Aykutlu M. A., Yaman İ. Ö.
Cimento ve Beton Dnyasi, pp.60-78, 2018 (Peer-Reviewed Journal)
- II. **Calcium Sulfoaluminate Cement: State of the Art Review**
Tangüler M., Yaman İ. Ö.
Cimento ve Beton Dnyasi, no.132, pp.72-78, 2018 (Peer-Reviewed Journal)
- III. **STATE OF ART REVIEW OF ROLLER COMPACTED CONCRETE PAVEMENT PART I: PROPERTIES AND MIXTURE PROPORTIONS**
ŞENGÜN E., AYKUTLU M. A., YAMAN İ. Ö.
Cement and Concrete World / Çimento ve Beton Dünyası, vol.2017, no.130, pp.93-113, 2017 (Peer-Reviewed Journal)
- IV. **Opportunities for Concrete Pavements and Concrete Safety Barriers in Turkey**
ŞENGÜN E., KIRAN E., YAMAN İ. Ö.
Cement and Concrete World / Çimento ve Beton Dünyası, vol.2017, no.126, pp.72-82, 2017 (Peer-Reviewed Journal)
- V. **Kübik Numune Boyutlarının Beton Basınç Dayanımına Etkisi**
ARDOĞA M. K., demir e., YAMAN İ. Ö.
Cement and Concrete World, vol.21, no.120, pp.76-84, 2016 (Peer-Reviewed Journal)
- VI. **The Effect of Concrete Pavements In Tunnel Safety**
ŞENGÜN E., YAMAN İ. Ö.
Cement and Concrete World, vol.21, no.124, pp.68-78, 2016 (Peer-Reviewed Journal)
- VII. **Cast In Situ and Precast Concrete Barriers**
Kul Gül N. İ., YAMAN İ. Ö., ATAHAN A. O.
Cement and Concrete World, vol.21, no.122, pp.82-93, 2016 (Peer-Reviewed Journal)
- VIII. **An Overview on Rigid Pavement Specifications in Developed Countries**
ŞENGÜN E., YAMAN İ. Ö., ceylan h.
Cement and Concrete World, vol.21, no.123, pp.77-86, 2016 (Peer-Reviewed Journal)
- IX. **Use of dynamic modulus of elasticity to assess the durability of self consolidating concrete**
Özerkan N., YAMAN İ. Ö.

RILEM Bookseries, vol.6, pp.303-308, 2012 (Scopus)

X. **Effects of experimental parameters in monitoring the hydration of cement mortars by ultrasonic testing**

Keskin Ö. K., YAMAN İ. Ö., Tokyay M.

RILEM Bookseries, vol.6, pp.437-443, 2012 (Scopus)

XI. **Monitoring durability of new concrete bridge decks**

Aktan H. M., Yaman İ. Ö., Staton J. F.

Proceedings of SPIE - The International Society for Optical Engineering, vol.4337, pp.86-94, 2001 (Scopus)

Books & Book Chapters

I. **Betonun Boyutsal Kararlılığı**

Yaman İ. Ö.

in: Genel Hatlarıyla Beton, Mustafa Tokyay, Özkan Şengül, Editor, İnşaat Mühendisleri Odası, Ankara, pp.97-106, 2022

II. **Nano-tailored high-performance fiber-reinforced cementitious composites**

Yaman İ. Ö.

in: Recent Advances in Nano-Tailored Multi-Functional Cementitious Composites, Mustafa Şahmaran, Faiz Shaikh, Gürkan Yıldırım, Editor, Elsevier Science, Oxford/Amsterdam, Massachusetts, pp.67-102, 2022

III. **Confinement Effectiveness of CFRP in Axial Members under Various Loading Conditions**

ERDİL B., AKYÜZ U., YAMAN İ. Ö.

in: Advanced Materials Research, Editor, MULTI-FUNCTIONAL MATERIALS AND STRUCTURES IV Book Series, pp.277-281, 2013

Refereed Congress / Symposium Publications in Proceedings

I. **THE POTENTIAL OF CONCRETE PAVEMENTS IN COMBATING CLIMATE CHANGE**

Akbelen B., Bulut İ., YAMAN İ. Ö.

15th International Congress on Advances in Civil Engineering, Cyprus (Kkctc), 06 September 2023

II. **INITIAL CONSTRUCTION COST COMPARISON OF ROLLER COMPACTED CONCRETE (RCC) AND HOT-MIX ASPHALT (HMA) PAVEMENTS USED IN THE TURKISH LOCAL ROAD NETWORK**

Akbelen B., Yılmaz M. C., Gungor A., YAMAN İ. Ö.

14th International Symposium on Concrete Roads, 26 June 2023

III. **COMPARISON OF THE BONDING PERFORMANCE OF TWO-LAYER ROLLER-COMPACTED CONCRETE PAVEMENTS WITH VARIOUS INTERLAYER TREATMENTS**

Gungor A., ŞENGÜN E., YILMAZ Y., YAMAN İ. Ö.

14th International Symposium on Concrete Roads, Krakow, Poland, 26 June 2023

IV. **ROUGHNESS PARAMETERS OF ROLLER COMPACTED CONCRETE MIXTURES BY AN IN-HOUSE OPTICAL SURFACE PROFILER**

Mahyar M., ŞENGÜN E., ALEESSA ALAM B., CEYLAN H., YAMAN İ. Ö.

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VII. **Yol Üstyapısı Yaşam Döngüsü Değerlendirmeleri: Beton Yol Örneği**

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- VIII. **Priz Geciktirici ve Akışkanlaştırıcı Katkıların Taze ve Sertleşmiş Silindire Sıkıştırılmış Beton Özelliklerine Etkisi**
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Non Academic Experience

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