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Education Information

Doctorate, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2016 - 2021

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Anabilim Dalı, Turkey 2012 - 2014

Undergraduate, Yıldız Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey 2006 - 2011

Dissertations

Doctorate, EFFECT OF CHEMICAL STRUCTURE OF HIGH RANGE WATER REDUCING ADMIXTURE ON PROPERTIES OF CEMENTITIOUS SYSTEMS CONTAINING FLY ASH, Bursa Uludağ University, Fen Bilimleri Enstitüsü, 2021

Postgraduate, Geri kazanılmış agregası (GKA) ile üretilen betonların mekanik özelliklerinin lif kullanılarak iyileştirilmesi, Ataturk University, Fen Bilimleri Enstitüsü, 2014

Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Single and Multi Effects of Polycarboxylate Main and Side Chain Lengths on Setting Time, Viscosity, and Yield Stress of Cementitious Mixtures Containing Fly Ash**
Altunw M. G., Özen S., Karakuzu K., MARDANI A., Ramyar K.
Journal of Materials in Civil Engineering, vol.35, no.7, 2023 (SCI-Expanded)
- II. **Flowability, Strength, and Water Absorption of Mortars Containing Fly Ash and WRA Having Varying Main Chain Lengths**
Altun M. G., Özen S., MARDANI A., Ramyar K.
Journal of Materials in Civil Engineering, vol.35, no.4, 2023 (SCI-Expanded)
- III. **Multi-effect of superplasticisers main and side-chain length on cementitious systems with fly ash**
Özen S., Altun M. G., Mardani-Aghabaglou A., Ramyar K.
Magazine of Concrete Research, vol.74, no.14, pp.727-739, 2022 (SCI-Expanded)
- IV. **Effect of High-Range Water-Reducing Admixture Chain Lengths on Self-Consolidating Concrete**
Özen S., Altun M. G., Mardani-Aghabaglou A., Ramyar K.
ACI Materials Journal, vol.119, no.1, pp.29-38, 2022 (SCI-Expanded)

- V. **Effect of Side Chain Length Change of Polycarboxylate-Ether-Based High-Range Water-Reducing Admixture on Properties of Cementitious Systems Containing Fly Ash**
Altun M. G., Özen S., Mardani-Aghabaglou A.
Journal of Materials in Civil Engineering, vol.33, no.4, 2021 (SCI-Expanded)
- VI. **Effects of anionic monomer type of water-reducing admixture on fresh properties, compressive strength and water adsorption of self-compacting concrete**
Özen S., Altun M. G., Mardani-Aghabaglou A., Ünlü A., Ramyar K.
Journal of Adhesion Science and Technology, vol.35, no.11, pp.1203-1218, 2021 (SCI-Expanded)
- VII. **Effect of main and side chain length change of polycarboxylate-ether-based water-reducing admixtures on the fresh state and mechanical properties of cementitious systems**
Özen S., Altun M. G., Mardani-Aghabaglou A., Ramyar K.
Structural Concrete, vol.22, no.S1, 2021 (SCI-Expanded)
- VIII. **Effect of the polycarboxylate based water reducing admixture structure on self-compacting concrete properties: Main chain length**
Özen S., Altun M. G., Mardani-Aghabaglou A.
Construction and Building Materials, vol.255, 2020 (SCI-Expanded)
- IX. **Effect of nonionic side chain length of polycarboxylate-ether-based high-range water-reducing admixture on properties of cementitious systems**
Özen S., Altun M. G., Mardani-Aghabaglou A., Ramyar K.
Frontiers of Structural and Civil Engineering, vol.14, no.6, pp.1573-1582, 2020 (SCI-Expanded)
- X. **Effect of side chain length change of polycarboxylate-ether based high range water reducing admixture on properties of self-compacting concrete**
Altun M. G., Özen S., Mardani-Aghabaglou A.
Construction and Building Materials, vol.246, 2020 (SCI-Expanded)
- XI. **Effect of Curing Conditions During the First 24 Hours after Casting on the Properties of Mortar Mixtures**
Mardani-Aghabaglou A., Özen S., Altun M. G.
Revista de la Construcción, vol.19, no.1, pp.68-79, 2020 (SCI-Expanded)
- XII. **Effect of different types of fiber utilization on mechanical properties of recycled aggregate concrete containing silica fume**
Altun M. G., ÖLTÜLÜ M.
Journal of Green Building, vol.15, no.1, pp.119-136, 2020 (AHCI)

Articles Published in Other Journals

- I. **Su Azaltıcı Katkılarda Sülfonat ve Fosfat Anyonik Monomerlerin Kendiliğinden Yerleşen Betonların Taze Hal ve Mekanik Özelliklerine Etkisi**
ALTUN M. G., ÖZEN S., KARAKUZU K., MARDANI A.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.27, no.2, pp.699-716, 2022 (Peer-Reviewed Journal)
- II. **Review of research on designing methods and properties of roller compacted concrete mixtures**
MARDANI-AGHABAGLOU A., BAYQRA S. H., ÖZEN S., ALTUN M. G., FAQIRI Z. A., RAMYAR K.
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.26, no.3, pp.419-431, 2020 (ESCI)
- III. **Effect of water curing temperature on compressive strength development and water absorption capacity of mortar mixtures**
MARDANI A., ÖZEN S., M. G., Faqiri Z. A.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.38, no.1, pp.135-148, 2020 (ESCI)
- IV. **Improving the impact resistance of recycled aggregate concretes with different types of fibers**
M. G., ÖLTÜLÜ M.
Challenge Journal of Structural Mechanics, vol.5, no.1, 2019 (Peer-Reviewed Journal)
- V. **Polipropilen lif kullanımının doğal hidrolik kireçli harçların kuruma büzülmesine etkisi**

M. G., ÖZEN S., MARDANI A.

SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.22, no.2, pp.427-435, 2018 (Peer-Reviewed Journal)

VI. **Durability performance and dimensional stability of polypropylene fiber reinforced concrete**

Mardani-Aghabaglou A., Özen S., Altun M. G.

Journal of Green Building, vol.13, no.2, pp.20-41, 2018 (Scopus)

VII. **Betonun Darbe Dayanımının Tespitinde Ağırlık Düşürme Deney Yöntemi ve Yapılan Çalışmalar**

OLTULU M., M. G.

Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.8, no.1, pp.155-163, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Metakaolin ve Kolemanit Atığı İçeren Harç Karışımlarının Yüksek Sıcaklık Etkisi Altındaki Performansının İncelenmesi**

BENLİOĞLU A., Yıldırım M., ÖZEN S., ALTUN M. G.

3RD INTERNATIONAL CONFERENCE ON INNOVATIVE ACADEMIC STUDIES ICAS 2023, Konya, Turkey, 26 - 28 September 2023, pp.740-747

II. **Silis Dumanı Kullanımının Kolemanit ve Kolemanit Atığı İçeren Harç Karışımların Dayanımına Etkisi**

ÖZEN S., ALTUN M. G., DURGUN M. Y., Yıldırım M.

5 th International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 10 July 2023, pp.996-1004

III. **İKLİM DEĞİŞİKLİĞİNE KARŞI DIRENÇLİ BİR KENT İÇİN GEÇİRGEN BETON KULLANIMI; LİTERATÜR TARAMASI**

Şahin H. G., ALTUN M. G., MARDANI A.

ULUGH BEG INTERNATIONAL CONGRESS OF SCIENCE AND ENGINEERING KNOWLEDGE, Taşkent, Uzbekistan, 22 - 23 May 2023, pp.139-153

IV. **Betonun Çökme ve Basınç Dayanımının Makine Öğrenmesi Modelleri Kullanılarak Tahmin Edilmesi**

Avcı E., ALTUN M. G.

ICHEAS 4TH INTERNATIONAL CONFERENCE ON HEALTH, ENGINEERING AND APPLIED SCIENCES, Dubai, United Arab Emirates, 14 - 16 April 2023, pp.42-54

V. **Effect of anionic functional group change of water reducing admixture and utilization rate of fly ash on time dependent flowability performance and some hardened properties of mortar mixtures**

M. G., ÖZEN S., MARDANI A.

4th International Conference on Engineering Technology and Innovation, Üsküp, Macedonia, 23 December 2020

VI. **Effect of main and side chain lengths change of water reducing admixture on setting time and compressive strength of cementitious systems**

M. G., Şahin H. G., MARDANI A.

6th International Conference on Engineering and Natural Science, Belgrade, Serbia, 09 October 2020

VII. **The effect of anionic functional group change of water reducing admixture and utilization rate of fly ash on marsh-funnel time and mini slump of cement pastes**

MARDANI A., M. G., ÖZEN S.

4. Uluslararası Bilimsel Çalışmalar Kongresi, Online, Turkey, 28 September 2020

VIII. **Effects of replacing of anionic monomer of water reducing admixture with sulfonate and phosphate groups on some properties of cement paste and mortar mixtures**

MARDANI A., ÖZEN S., M. G., Bayqra S. H.

9th International Conference on Advances in Civil, Structural and Mechanical Engineering, Roma, Italy, 07 October 2019

IX. **Polikarboksilat-esaslı yüksek oranda su azaltıcı katkı ana zincir uzunluğunun çimentolu sistemlerin taze hal özelliklerine etkisi**

ÖZEN S., M. G., MARDANI A., KAPTI T., Ünlü A., RAMYAR K.

10. Uluslararası Beton Kongresi, Bursa, Turkey, 02 May 2019

- X. **Effect of anionic monomer change of polycarboxylate-based water reducing admixture on fresh properties and compressive strength of self-compacting concrete**
MARDANI A., ÖZEN S., M. G., RAMYAR K., KAPTI T., Ünlü A.
13th Advances in Civil Engineering Congress, İzmir, Turkey, 12 September 2018
- XI. **Polikarboksilat esaslı su azaltıcı katkının anyonik monomer değişiminin çimento hamuru ve harç karışımlarının taze hal özelliklerine etkisi**
MARDANI A., KAPTI T., ÖZEN S., M. G., Geven E., Nematzadeh A.
5. Uluslararası Yapılarda Kimyasal Katkılar Sempozyumu, Ankara, Turkey, 19 October 2017
- XII. **Polipropilen lif kullanım oranının beton karışımlarının dayanımına etkisi**
MARDANI A., ÖZEN S., M. G.
20. Ulusal Mekanik Kongresi, Bursa, Turkey, 05 September 2017
- XIII. **Assessment of utilization effect of permeability reducing admixture on transport properties of mortar mixture containing high range water reducing admixture"**
MARDANI A., ÖZEN S., M. G.
3rd International Conference on Engineering and Natural Science, Budapest, Hungary, 03 May 2017
- XIV. **Büzülme engelleyici katkıların çimentolu sistemlerin kuruma-büzülmesine etkisi ve kullanılan su azaltıcı katkı ile uyumunun incelenmesi**
MARDANI A., M. G., ÖZEN S., RAMYAR K.
Hazır Beton Kongresi, İstanbul, Turkey, 13 April 2017
- XV. **Türkiye'deki hafriyat toprağı, inşaat ve yıkıntı atıkları yönetimindeki mevcut durum analizi**
M. G.
3. Ulusal Çevre Kongresi, Marmaris, Turkey, 24 September 2016
- XVI. **Geri kazanılmış agregalar ve kullanım alanları**
M. G.
3. Ulusal Çevre Kongresi, Marmaris, Turkey, 24 September 2016
- XVII. **Geri kazanılmış agregaların ekolojik ve ekonomik açıdan katkısının değerlendirilmesi**
M. G., ODAMAN CİNDORUK Y.
Ekoloji 2016 Adnan Aldemir Sempozyumu, Kars, Turkey, 16 May 2016