



PROF. KASIM MERMERDAŞ

Kişisel Bilgiler

Eposta: kasim.mermerdas@harran.edu.tr

Birimi : Yapı

Dahili : 1412

Makaleler (YOKSIS)

- 1 A novel formulation of the flexural overstrength factor for steel beams**
METE GÜNEYİSİ ESRA,DANIELLO MARIO,LANDOLFO RAFFAELE,MERMERDAŞ KASIM
Journal of Constructional Steel
Research,<http://linkinghub.elsevier.com/retrieve/pii/S0143974X13002150>
- 2 Abrasion Resistance and Microstructural Properties of Sustainable Geopolymer Mortar Produced with Hybrid Blends of GGBFS and Various Earth Materials**
SOR NADHİM HAMAH,MERMERDAŞ KASIM,ALZEEBAREE RADHWAN,EKMEN ŞEVİN,MULAPEER ESAMEDDİN SAED
Arabian Journal for Science and Engineering,<http://dx.doi.org/10.1007/s13369-024-09088-1>
- 3 Alkali Aktivatör Parametrelerinin ve Test Koşullarının Geopolimer Betonların Büzülme ve Sünme Davranışı Üzerine Etkisi**
EKMEN ŞEVİN,MERMERDAŞ KASIM
Harran Mühendislik Dergisi,<https://dergipark.org.tr/tr/pub/humder/issue/42425/505668>
- 4 Analytical prediction of available rotation capacity of cold formed rectangular and square hollow section beams**
DANIELLO MARIO,METE GÜNEYİSİ ESRA,LANDOLFO RAFAELLE,MERMERDAŞ KASIM
Thin-Walled Structures,<http://linkinghub.elsevier.com/retrieve/pii/S0263823113002371>
- 5 Assessment of shear capacity of adhesive anchors for structures using neural network based model**
METE GÜNEYİSİ ESRA,GESOĞLU MEHMET,GÜNEYİSİ ERHAN,MERMERDAŞ KASIM
Materials and Structures,<http://link.springer.com/10.1617/s11527-015-0558-x>
- 6 Basınç ve Eğilme Altındaki Eliptik Kolonların Taşıma Kapasitelerinin Esnek Hesaplama Yöntemleri ile Tahmini**
KURT MEHMET,METE GÜNEYİSİ ESRA,MERMERDAŞ KASIM
Kahramanmaraş Sütçü İmam Üniversitesi Mühendislik Bilimleri Dergisi,<http://jes.ksu.edu.tr/tr/>
- 7 Capillary Water Absorption and Strength of Concretes with Binary and Ternary Blends of SF and FA**

- 7 Ghaffoori Farman Khalil, MERMERDAŞ KASIM
ZANCO Journal of Pure and Applied Sciences, <http://zancojournals.su.edu.krd/index.php/JPAS/article/view/867>
- 8 **Combined effect of steel fiber and metakaolin incorporation on mechanical properties of concrete**
GÜNEYİSİ ERHAN, GESOĞLU MEHMET, AKOI ARASS OMER MAWLOD, MERMERDAŞ KASIM
Composites Part B: Engineering, <http://linkinghub.elsevier.com/retrieve/pii/S1359836813004101>
- 9 **Combined effects of microsilica, steel fibre and artificial lightweight aggregate on the shrinkage and mechanical performance of high strength cementitious composite**
MERMERDAŞ KASIM, İPEK SÜLEYMAN, ALĞIN ZEYNEP, EKMEK ŞEVİN, GÜNEŞ İSMAİL
Construction and Building Materials, <http://dx.doi.org/10.1016/j.conbuildmat.2020.120048>
- 10 **Comparative study on strength sorptivity and chloride ingress characteristics of air cured and water cured concretes modified with metakaolin**
GÜNEYİSİ ERHAN, MERMERDAŞ KASIM
Materials and Structures, <http://www.springerlink.com/index/10.1617/s11527-007-9258-5>
- 11 **Correlation Between Tensile and Compressive Strength of Concretes Incorporating Calcined Crude Kaolin and High Purity Metakaolin**
MERMERDAŞ KASIM, EKMEK ŞEVİN
Harran Üniversitesi Mühendislik Dergisi, <https://dergipark.org.tr/tr/pub/humder/issue/31307/341261>
- 12 **Corrosion behavior of reinforcing steel embedded in chloride contaminated concretes with and without metakaolin**
GÜNEYİSİ ERHAN, GESOĞLU MEHMET, karaboğa fatih, MERMERDAŞ KASIM
Composites Part B: Engineering, <http://linkinghub.elsevier.com/retrieve/pii/S135983681200652X>
- 13 **Determination of appropriate mix proportion of carbon fiber reinforced geopolymer composite for 3D printing technology**
KHALID LAWAND WALEED, MERMERDAŞ KASIM, BZENI DILLSHAD KHIDHIR, JAWAD DARA JABAR
Journal of Building Engineering, <https://doi.org/10.1016/j.jobbe.2024.111751>
- 14 **Durability aspect of concretes composed of cold bonded and sintered fly ash lightweight aggregates**
GÜNEYİSİ ERHAN, GESOĞLU MEHMET, pürsünlü özgür, MERMERDAŞ KASIM
Composites Part B: Engineering, <http://linkinghub.elsevier.com/retrieve/pii/S1359836813002278>
- 15 **Durability performance of fibrous high performance cementitious composites under sulfuric acid attack**
MERMERDAŞ KASIM, İPEK SÜLEYMAN, ANWER AHMED MOTASEM, EKMEK ŞEVİN, ÖZEN MUSTAFA
Archives of Civil and Mechanical Engineering, <https://link.springer.com/article/10.1007/s43452-021-00298-0>
- 16 **Effect of aggregate properties on the mechanical and absorption characteristics of geopolymer mortar**
MERMERDAŞ KASIM, MANGURI SORAN, NASSANI DIA EDDIN, OLEIWI SAFIE MAHDI
Engineering Science and Technology, an International Journal, <http://linkinghub.elsevier.com/retrieve/pii/S2215098617306882>
- 17 **Effect of Aggregate Type and Size on the Fresh Properties of Self-Consolidating Geopolymer Concrete**

- 17 MULAPEER ESAMEDDIN SAED, MERMERDAŞ KASIM, ALZEEBAREE RADHWAN, SOR NADHIM HAMAH
International Journal of Civil Engineering, <http://dx.doi.org/10.1007/s40999-024-00972-3>
- 18 **Effect of Alkali Activator Concentrations and Elevated Temperature Curing Regimes on The Strength of Fly Ash Based Geopolymer Mortar**
MERMERDAŞ KASIM, PIRAZHN GAILAN, OLEIWI SAFIE MAHDI, MULAPEER ESAMEDDIN
Harran Mühendislik Dergisi,
- 19 **Effect of different types of calcined crude kaolins and high purity metakaolin on corrosion resistance of reinforcement in concretes: Experimental evaluation and analytical modeling**
MERMERDAŞ KASIM, GÜNEYİSİ ERHAN
Construction and Building Materials, <http://dx.doi.org/10.1016/j.conbuildmat.2023.131288>
- 20 **Effect Of Glass Fiber Addition On The Strength Properties And Pore Structure Of Fly Ash Based Geopolymer Composites**
MERMERDAŞ KASIM, MULAPEER ESAMEDDIN SAED, OLEIWI SAFIE MAHDI
ESKİŞEHİR TECHNICAL UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY A- APPLIED SCIENCES AND ENGINEERING,
- 21 **Effect of Oxide Composition and Ingredient Proportions on the Rheological and Mechanical Properties of Geopolymer Mortar Incorporating Pumice Aggregate**
EKMEN ŞEVİN, MERMERDAŞ KASIM, ALĞIN ZEYNEP
Journal of Building Engineering,
- 22 **Effect of silica fume and steel fiber on the mechanical properties of the concretes produced with cold bonded fly ash aggregates**
GESOĞLU MEHMET, GÜNEYİSİ ERHAN, Alzebaree Radhwan, MERMERDAŞ KASIM
Construction and Building Materials, <http://linkinghub.elsevier.com/retrieve/pii/S0950061812009105>
- 23 **Effect of volcanic pumice powder on the fresh properties of self compacting concretes with and without silica fume**
GÜNEYİSİ ERHAN, GESOĞLU MEHMET, ALRAWI SAAD, MERMERDAŞ KASIM
Materials and Structures, <http://link.springer.com/10.1617/s11527-013-0155-9>
- 24 **Effect of Waste Tire Aggregate on Thermal and Strength Characteristics of Fly Ash–Based Geopolymer Composites Produced at Various Binder Contents**
MERMERDAŞ KASIM, İPEK SÜLEYMAN, İŞİKER YUSUF, RASOOL HEWR
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, <http://dx.doi.org/10.1061/jmcee7.mteng-15839>
- 25 **Effects of Basalt Fibre Utilization on Durability and Mechanical Properties of SIFCON**
ALĞIN ZEYNEP, ÖZBEBEK ERDAL, GERGİNCİ SÜMEYRA, MERMERDAŞ KASIM
Karaelmas Fen ve Mühendislik Dergisi, <https://dergipark.org.tr/tr/pub/karaelmasfen>
- 26 **Engineering properties and SEM analysis of eco-friendly geopolymer mortar produced with crumb rubber**
İPEK SÜLEYMAN, MERMERDAŞ KASIM
Journal of Sustainable Construction Materials and Technologies, <https://dergipark.org.tr/tr/pub/jsomt/issue/70657/1106592>
- 27 **Enhancement of shrinkage behavior of lightweight aggregate concretes by shrinkage reducing admixture and fiber reinforcement**

- 27 GÜNEYİSİ ERHAN,GESOĞLU MEHMET,MOHAMADAMEEN ALAA,Alzeebaree Radhwan,ALĞİN ZEYNEP,MERMERDAŞ KASIM
Construction and Building Materials,<http://linkinghub.elsevier.com/retrieve/pii/S0950061813011975>
- 28 **Evaluation and modeling of ultimate bond strength of corroded reinforcement in reinforced concrete elements**
METE GÜNEYİSİ ESRA,MERMERDAŞ KASIM,GÜLTEKİN AYŞEGÜL
Materials and Structures,<http://link.springer.com/10.1617/s11527-015-0713-4>
- 29 **Experimental & computational study on fly ash and kaolin based synthetic lightweight aggregate**
İPEK SÜLEYMAN,MERMERDAŞ KASIM
Computers and Concrete,<https://doi.org/10.12989/cac.2020.26.4.327>
- 30 **Experimental Assessment and Optimization of Mix Parameters of Fly ash-Based Lightweight Geopolymer Mortar with respect to Shrinkage and Strength**
MERMERDAŞ KASIM,ALĞİN ZEYNEP,EKMEN ŞEVİN
Journal of Building Engineering,
- 31 **Experimental evaluation and genetic programming based modeling of the compressive strength of concretes produced with various strength classes of cements**
MERMERDAŞ KASIM,İPEK SÜLEYMAN,BOZGEYİK BURAK
Cumhuriyet Science Journal,<https://doi.org/10.17776/csj.589207>
- 32 **Experimental evaluation and modeling of drying shrinkage behavior of metakaolin and calcined kaolin blended concretes**
MERMERDAŞ KASIM,GÜNEYİSİ ERHAN,GESOĞLU MEHMET,ÖZTURAN TURAN
Construction and Building Materials,<http://linkinghub.elsevier.com/retrieve/pii/S0950061813001761>
- 33 **Experimental investigation on durability performance of rubberized concrete**
GÜNEYİSİ ERHAN,GESOĞLU MEHMET,MERMERDAŞ KASIM,İPEK SÜLEYMAN
Advances in concrete construction,<http://koreascience.or.kr/journal/view.jsp?kj=TPTPR5py=2014vnc=v2n3sp=193>
- 34 **Experimental Study on Engineering Properties of Basalt Fiber Reinforced Lightweight Mortar**
EKMEN ŞEVİN,MERMERDAŞ KASIM,ALĞİN ZEYNEP
Muş Alparslan Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi,<https://dergipark.org.tr/tr/download/article-file/3744263>
- 35 **Explicit formulation of drying and autogenous shrinkage of concretes with binary and ternary blends of silica fume and fly ash**
MERMERDAŞ KASIM,MOHAMED MOFAK ARBİLİ
Construction and Building Materials,<http://linkinghub.elsevier.com/retrieve/pii/S0950061815301033>
- 36 **Fresh and hardened characteristics of self compacting concretes made with combined use of marble powder limestone filler and fly ash**
GESOĞLU MEHMET,GÜNEYİSİ ERHAN,Kocabağ Mustafa Erkan,Bayram Veysel,MERMERDAŞ KASIM
Construction and Building Materials,<http://linkinghub.elsevier.com/retrieve/pii/S0950061812005624>
- 37 **Fresh, Mechanical and Absorption Characteristics of Self-Consolidating Concretes Including Low Volume Waste PET Granules**
MERMERDAŞ KASIM,NASSANI DIA EDDIN,SAKİN MEHMET

- 37 Civil Engineering Journal,<http://civilejournal.org/index.php/cej/article/view/470>
- 38 **Genetik programlama yardımıyla konut tipi yapıların betonarme karkas maliyetlerinin ön tasarım aşamasında tahmin edilmesi**
MERMERDAŞ KASIM,GÜNEŞ İSMAİL,BAĞYAPAN SEVDE NUR
Harran Mühendislik Dergisi,
- 39 **Improving strength drying shrinkage and pore structure of concrete using metakaolin**
GÜNEYİSİ ERHAN,GESOĞLU MEHMET,MERMERDAŞ KASIM
MATERIALS AND STRUCTURES,
- 40 **Influence of artificial aggregate on mechanical properties, fracture parameters and bond strength of concretes**
İPEK SÜLEYMAN,AYODELE OLABODE ADEKUNLE,MERMERDAŞ KASIM
Construction and Building Materials,<https://doi.org/10.1016/j.conbuildmat.2019.117756>
- 41 **Investigating the effect of the use of waste tires as aggregate in concrete production on the fresh and mechanical properties of concrete**
İPEK SÜLEYMAN, MERMERDAŞ KASIM, ULUSOY ALPARSLAN, IŞIKER YUSUF
Gumushane University Journal of Science and Technology
Institute,<http://dx.doi.org/10.17714/gumusfenbil.1039104>
- 42 **Makro Sentetik Elyaf Takviyeli Silindirle Sıkıştırılmış Beton (SSB) Yolların Performans Değerlendirmesi**
ALĞIN ZEYNEP,MERMERDAŞ KASIM,ZEYNEPLİ MEHMET SERHAT
Academic Perspective Procedia,
- 43 **Mechanical Performance of Basalt Fibre Reinforced Concretes**
ALĞIN ZEYNEP,MERMERDAŞ KASIM,KHALID LAWAND WALEED
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi,
- 44 **Metakaolin Miktarının ve Kür Koşullarının Betonun Basınç Dayanımı ve Elektriksel Direnci Üzerine Etkileri**
GESOĞLU MEHMET,GÜNEYİSİ ERHAN,MERMERDAŞ KASIM
Hazır Beton Dergisi,
- 45 **Microstructural properties and pozzolanic activity of calcined kaolins as supplementary cementing materials**
GÜNEYİSİ ERHAN,GESOĞLU MEHMET,ÖZTURAN TURAN,MERMERDAŞ KASIM
Canadian Journal of Civil Engineering,<http://www.nrcresearchpress.com/doi/abs/10.1139/cjce-2011-0586>
- 46 **Modeling and analysis of the shear capacity of adhesive anchors post installed into uncracked concrete**
GESOĞLU MEHMET,GÜNEYİSİ ERHAN,METE GÜNEYİSİ ESRA,Mehmet Enes Yılmaz,MERMERDAŞ KASIM
Composites Part B: Engineering,<http://linkinghub.elsevier.com/retrieve/pii/S1359836814000250>
- 47 **Modeling Compressive Strength of Lightweight Geopolymer Mortars by Step-Wise Regression and Gene Expression Programming**
MERMERDAŞ KASIM,OLEIWI SAFIE MAHDI,ABID SALLAL RASHID
Hittite Journal of Science and Engineering,,

- 48 **Multi-Objective Optimization of Alkali Activator Agents for FA- and GGBFS-Based Geopolymer Lightweight Mortars**
OLEIWI SAFIE MAHDI,ALĞIN ZEYNEP,NASSANI DIA EDDIN,MERMERDAŞ KASIM
Arabian Journal for Science and Engineering,<http://link.springer.com/10.1007/s13369-018-3170-x>
- 49 **Numerical modeling of time to corrosion induced cover cracking in reinforced concrete using soft computing based methods**
METE GÜNEYİSİ ESRA,MERMERDAŞ KASIM,GÜNEYİSİ ERHAN,GESOĞLU MEHMET
Materials and Structures,<http://link.springer.com/10.1617/s11527-014-0269-8>
- 50 **Optimization and modeling of axial strength of concrete-filled double skin steel tubular columns using response surface and neural-network methods**
İPEK SÜLEYMAN, METE GÜNEYİSİ ESRA, MERMERDAŞ KASIM, ALĞIN ZEYNEP
Journal of Building Engineering,
- 51 **Optimization of concrete mixture with hybrid blends of metakaolin and fly ash using response surface method**
GÜNEYİSİ ERHAN,GESOĞLU MEHMET,ALĞIN ZEYNEP,MERMERDAŞ KASIM
Composites Part B: Engineering,<http://linkinghub.elsevier.com/retrieve/pii/S1359836814000274>
- 52 **Optimization of lightweight GGBFS and FA geopolymer mortars by response surface method**
MERMERDAŞ KASIM,ALĞIN ZEYNEP,OLEIWI SAFIE MAHDI,NASSANI DIA EDDIN
Construction and Building Materials,<http://linkinghub.elsevier.com/retrieve/pii/S0950061817302313>
- 53 **Permeability properties of concretes with high reactivity metakaolin and calcined impure kaolin**
GESOĞLU MEHMET,GÜNEYİSİ ERHAN,ÖZTURAN TURAN,MERMERDAŞ KASIM
Materials and Structures,<http://link.springer.com/10.1617/s11527-013-0090-9>
- 54 **Pomza agregası içeren hafif geopolimer kompozitin ötojen rötne ve mikroyapısal özelliklerinin değerlendirilmesi**
EKMEN ŞEVİN, MERMERDAŞ KASIM, ALĞIN ZEYNEP
Harran University,<http://dx.doi.org/10.46578/humder.1096349>
- 55 **Prediction of the flexural overstrength factor for steel beams using artificial neural network**
METE GÜNEYİSİ ESRA,DANIELLO MARIO,LANDOLFO RAFFAELE,MERMERDAŞ KASIM
Steel and Composite Structures,<http://koreascience.or.kr/journal/view.jsp?kj=KJKHEW&py=2014&vnc=v17n3&sp=215>
- 56 **Predictive models of the flexural overstrength factor for steel thin walled circular hollow section beams**
MARIO DANIELLO,METE GÜNEYİSİ ESRA,RAFFAELE LANDOLFO,MERMERDAŞ KASIM
Thin-Walled Structures,<http://linkinghub.elsevier.com/retrieve/pii/S0263823115000993>
- 57 **Properties of Mortars with Natural Pozzolana and Limestone Based Blended Cements**
GÜNEYİSİ ERHAN,GESOĞLU MEHMET,ÖZTURAN TURAN,MERMERDAŞ KASIM,ÖZBAY ERDOĞAN
ACI MATERIALS JOURNAL,
- 58 **Recycling ground granulated blast furnace slag as cold bonded artificial aggregate partially used in self compacting concrete**
GESOĞLU MEHMET,GÜNEYİSİ ERHAN,Mahmood Swara Fuad,MERMERDAŞ KASIM

- 58 Journal of Hazardous Materials,<http://linkinghub.elsevier.com/retrieve/pii/S0304389412008199>
- 59 **Recycling the low-density polyethylene pellets in the pervious concrete production**
İPEK SÜLEYMAN, DIRİ ABDULSAMEH, MERMERDAŞ KASIM
Journal of Material Cycles and Waste Management,<http://dx.doi.org/10.1007/s10163-020-01127-x>
- 60 **Response surface optimization of geopolymer mix parameters in terms of key engineering properties**
EKMEN ŞEVİN, MERMERDAŞ KASIM, ALĞIN ZEYNEP, İŞİKER YUSUF
Revista de la Construcción (Journal of Construction),<https://revistadelaconstruccion.uc.cl/index.php/RDLC/issue/view/2725>
- 61 **Silindirle sıkıştırılmış betonda makro sentetik elyaf kullanımının optimum su içeriğine ve betonun dayanım özelliklerine etkisi**
ALĞIN ZEYNEP, MERMERDAŞ KASIM, ZEYNEPLİ SERHAT
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi,<http://dergipark.org.tr/doi/10.28948/ngumuh.534055>
- 62 **Soft Computing Based Modelling of Sorptivity of Concretes Incorporating Mineral Admixtures**
ARBILI MOHAMED MOFAK, MERMERDAŞ KASIM, GHAFFORI FARMAN KHALIL
ZANCO Journal of Pure and Applied Sciences,<http://zancojournals.su.edu.krd/index.php/JPAS/article/view/871>
- 63 **Soft-computing model for compressive strength of mortars with blended cements**
ALĞIN ZEYNEP, MERMERDAŞ KASIM
Anadolu University Journal of Science and Technology A - Applied Sciences and Engineering, 10.18038/aubtda.332714
- 64 **Statistical analysis of the performance of the soft computing based prediction model for shrinkage of concrete including mineral admixtures**
ARBILI MOHAMED MOFAK, GHAFFORI FARMAN KHALIL, MERMERDAŞ KASIM
ZANCO Journal of Pure and Applied Sciences,<http://zancojournals.su.edu.krd/index.php/JPAS/article/view/829>
- 65 **Stiren-Bütadien Kauçuk Lateks Modifiyeli Harçların Erken Yaştaki Fiziksel ve Mekanik Özelliklerinin İncelenmesi**
MERMERDAŞ KASIM, ALĞIN ZEYNEP, EKMEN ŞEVİN, KARADAĞ METİN
Türk Doğa ve Fen Dergisi,<http://dx.doi.org/10.46810/tdfd.930279>
- 66 **Strength permeability and shrinkage cracking of silica fume and metakaolin concretes**
GÜNEYİŞİ ERHAN, GESOĞLU MEHMET, KARAOĞLU SEDA, MERMERDAŞ KASIM
Construction and Building Materials,<http://linkinghub.elsevier.com/retrieve/pii/S0950061812000943>
- 67 **Strength and permeability properties of self compacting concrete with cold bonded fly ash lightweight aggregate**
GÜNEYİŞİ ERHAN, GESOĞLU MEHMET, EMAD BOOYA, MERMERDAŞ KASIM
Construction and Building Materials,<http://linkinghub.elsevier.com/retrieve/pii/S0950061814011763>
- 68 **Strength and transport properties of steam cured and water cured lightweight aggregate concretes**
GÜNEYİŞİ ERHAN, GESOĞLU MEHMET, ALİ BARHAM, MERMERDAŞ KASIM
Construction and Building Materials,<http://linkinghub.elsevier.com/retrieve/pii/S0950061813007721>

- 69 **Strength Deterioration of Plain and Metakaolin Concretes in Aggressive Sulfate Environments**
GÜNEYİSİ ERHAN, GESOĞLU MEHMET, MERMERDAŞ KASIM
Journal of Materials in Civil Engineering, <http://ascelibrary.org/doi/abs/10.1061/%28ASCE%29MT.1943-5533.0000034>
- 70 **Strength development of concretes incorporated with metakaolin and different types of calcined kaolins**
MERMERDAŞ KASIM, GESOĞLU MEHMET, GÜNEYİSİ ERHAN, ÖZTURAN TURAN
Construction and Building Materials, <http://linkinghub.elsevier.com/retrieve/pii/S0950061812005478>
- 71 **Tensile strength and durability performances-based evaluation of 3D-printed and mold-cast fibrous geopolymer composites produced at various alkaline activator combinations**
MERMERDAŞ KASIM, KHALID LAWAND WALEED, BZENI DILLSHAD KHIDHIR, İPEK SÜLEYMAN, JAWAD DARA JABAR
Journal of Building Engineering, <http://dx.doi.org/10.1016/j.jobbe.2024.111012>
- 72 **The impact of artificial lightweight aggregate on the engineering features of geopolymer mortar**
MERMERDAŞ KASIM, İPEK SÜLEYMAN, SOR NADHİM HAMAH, MULAPEER ESAMEDDİN SAED, EKMEK ŞEVİN
Turkish Journal of Nature and Science, <https://doi.org/10.46810/tdfd.718895>
- 73 **Thermal conductivity, abrasion resistance and compressive strength of end-of-life tire aggregate incorporated concrete**
MERMERDAŞ KASIM, İPEK SÜLEYMAN, İŞİKER YUSUF, ULUSOY ALPARSLAN
Journal of Sustainable Construction Materials and Technologies, <http://dx.doi.org/10.47481/jscmt.1204757>
- 74 **Uçucu kül esaslı hafif geopolimer harçların basınç ve rötre sonuçlarının istatistiksel analizi ve modellenmesi**
EKMEK ŞEVİN, MERMERDAŞ KASIM, ALĞİN ZEYNEP
Adıyaman Üniversitesi Mühendislik Bilimleri Dergisi, <http://dx.doi.org/10.54365/adyumbd.1053825>
- 75 **Ultimate capacity prediction of axially loaded CFST short columns**
METE GÜNEYİSİ ESRA, GÜLTEKİN AYŞEGÜL, MERMERDAŞ KASIM
International Journal of Steel Structures, <http://link.springer.com/10.1007/s13296-016-3009-9>
- 76 **Using of thermal power plant fly ash to produce semi-lightweight aggregate and concrete**
AZEZ ODAY, ÖZ HATİCE ÖZNUR, MERMERDAŞ KASIM
Sigma Journal of Engineering and Natural Sciences, <http://dx.doi.org/10.14744/sigma.2023.00005>
- 77 **Visual inspection and mechanical testing of fly ash-based fibrous geopolymer composites under freeze-thaw cycles**
MERMERDAŞ KASIM, İPEK SÜLEYMAN, MAHMOOD ZANA
Construction and Building Materials, <https://www.sciencedirect.com/science/article/pii/S095006182100516X>
- 78 **Yüksek Sıcaklığın Cam Elyaf Takviyeli Polimer Donatı ile Beton Arasındaki Aderans Dayanımına Etkisi**
ALĞİN ZEYNEP, MERMERDAŞ KASIM, ŞEKER MEHMET
Aydın Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi,

Bildiriler (YOKSIS)

- 1 A Comparative Study on The Permeability Properties of Concretes Incorporating Artificial and Natural Aggregates**
AYODELE OLABODE ADEKUNLE, İPEK SÜLEYMAN, MERMERDAŞ KASIM
14th International Congress on Advances in Civil Engineering (ACE2020-2021) , <https://ace2020.org/en/>
- 2 A predictive model for compressive strength of the concretes incorporating volcanic ash**
MERMERDAŞ KASIM,GÜNEYİSİ ERHAN,GESOĞLU MEHMET,SAKİN MEHMET
1st International Symposium on Engineering, Artificial Intelligence and Applications, CD version, Girne, Cyprus ,
- 3 A study on estimation of flexural overstrength factor for thin walled CHS beamsusing ANFIS**
MERMERDAŞ KASIM,METE GÜNEYİSİ ESRA
12th International Congress on Advances in Civil Engineering (ACE 2016) ,
- 4 Application of Random Forest and Lasso Methods for Prediction of Compressive Strength of Fibrous Concretes**
MERMERDAŞ KASIM, Omer Safin, Omer Yaseen
8th International İstanbul Scientific Research Congress , <https://www.internationalistanbulcongress.com/>
- 5 Assessment of the Physical and Mechanical Features of Limestone Used as Structural Masonry Material in a Historical Urfa House**
DEMİRKOL BETÜL, AKÖZ FEVZİYE, MERMERDAŞ KASIM, İŞİKER YUSUF
2nd International Congress on Construction Materials Engineering and Architecture , <https://www.izdas.org/construction>
- 6 Atık Lastik Agregasının Geopolimer Harcın Taze Özellikleri Üzerine Etkisi**
İPEK SÜLEYMAN, MERMERDAŞ KASIM
16. MAS INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL & MEDICAL SCIENCES , https://www.masjournal.co.uk/_files/ugd/614b1f_46c8069f126f4b3393bfc898dd109134.pdf
- 7 Bir fotovoltaik güneş enerjisi santrali için enerji üretim değerlendirmesi ve ekonomik analiz**
MERMERDAŞ KASIM,SARIYILDIZ RONİ,ÜRPER OSMAN
1 INTERNATIONAL ANKARA CONFERENCE ON MULTIDISCIPLINARY STUDIES ,
- 8 Comparing Pozzolan Activity of Metakaolin and Calcined Kaolin and their Effects on Strength of Concrete**
GÜNEYİSİ ERHAN,GESOĞLU MEHMET,ÖZTURAN TURAN,MERMERDAŞ KASIM
10th International Congress on Advances in Civil Engineering (ACE 2012) ,
- 9 Comparison of multi linear regression and genetic programming for estimation of compressive strength of concrete produced with various cement types and mix proportions**
MERMERDAŞ KASIM,İPEK SÜLEYMAN,BOZGEYİK MEHMET BURAK
6th International GAP Engineering Congress – GAP2018, Şanlıurfa , http://eng.harran.edu.tr/gap2018/wp-content/uploads/GAP2018_Bildiri_Kitapci%C4%9Fi17.12.18v2-compressed.pdf
- 10 Damage Analysis of Monumental Structures After the February 6 Earthquakes: The Historical Mosques of Gaziantep**
SERDAR EMİNE MELTEM,KARADAYI YENİCE TÜLAY,MERMERDAŞ KASIM

- 10 1. Uluslararası Üsküdar Bilimsel Araştırma Kongresi , <https://www.isarconference.org/uskudarkongresi>
- 11 **Donma-çözülme çevrimlerinin cam elyaf takviyeli polimer donatı ile beton arasındaki aderans dayanımına etkisi**
MERMERDAŞ KASIM,ALĞIN ZEYNEP,ŞEKER MEHMET
6th INTERNATIONAL CONFERENCE ON ENGINEERING NATURAL SCIENCES ,
<https://www.ispecinstitute.org/books>
- 12 **Effect of Hybrid Reinforcement On Mechanical And Sorption Characteristics Of Cement Based Composites**
AHMED ANWER,MERMERDAŞ KASIM,MAHMOOD ZANA
International Conference on Technology, Engineering and Science (IConTES 2020) ,
- 13 **Eksenel Yük Etkisindeki Uçucu Kül Katkılı Kendiliğinden Yerleşen Beton Dolgulu Kompozit Kolonların Taşıma Kapasitelerinin Modellenmesi**
METE GÜNEYİSİ ESRA,MERMERDAŞ KASIM,GÜLTEKİN AYŞEGÜL
9. Ulusal beton kongresi ,
- 14 **Eliptik Kesitli Beton Dolgulu Çelik Tüp Kolonların Eksenel Yük Kapasitelerinin Genetik Programlama Yardımıyla Modellenmesi**
AKKURT ZEKİ, METE GÜNEYİSİ ESRA, MERMERDAŞ KASIM, İPEK SÜLEYMAN
8th ANATOLIAN APPLIED SCIENCES CONGRESS (24-26 DECEMBER, DİYARBAKIR) ,
www.anadolukongre.org/uygulamali-bilimler-kongresi
- 15 **Engineering Properties of Steel and Basalt Fiber Reinforced Geopolymer Mortar**
MULAPEER ESAMEDDIN SAED,MERMERDAŞ KASIM,ALĞIN ZEYNEP,SOR NADHIM
HAMAH,EKMEN ŞEVİN
6th International Scientific Research Congress (UBAK2019) , <http://www.ubaksymposium.org/>
- 16 **Evaluation of the strength of fly ash based geopolymer mortar with various alkali activator concentrations and accelerated curing**
MERMERDAŞ KASIM,PIRAZHAN GAILAN,OLEIWI SAFIE MAHDI,MULAPEER ESAMEDDIN
6th International GAP Engineering Congress – GAP2018, Şanlıurfa ,
- 17 **Experimental evaluation of freezing-thawing resistances of concretes incorporating calcined impure kaolin and high purity metakaolin**
MERMERDAŞ KASIM
3rd International GAP Conference On Mathematics- Engineering-Science and Medical Studies ,
- 18 **Extrudability And Shape Retention of Carbon Fiber Reinforced Geopolymer Mortar to Be Used for 3D Printing**
MERMERDAŞ KASIM,KHALID LAWAND WALEED,BZENI DILLSHAD KHIDHIR
13. ULUSLARARASI MÜHENDİSLİK MİMARLIK VE TASARIM KONGRESİ ,
<https://www.muhendislikmimarliktasarimkongresi.org/bilimsel-program>
- 19 **Fracture Properties of High Strength Metakaolin and Silica Fume Concretes**
GÜNEYİSİ ERHAN,GESOĞLU MEHMET,Qays Mudher Abdullah,MERMERDAŞ KASIM,İPEK SÜLEYMAN
3rd International Conference on Chemical, Civil and Environmental Engineering (CCEE-2016) ,
- 20 **Fresh Properties of Fly Ash Based Self Compacting Geopolymer Mortars Incorporating PET Waste**
YILDIZ KİYAN FATMA,GÜNEYİSİ ERHAN,MERMERDAŞ KASIM,KİYAN MEHMET EMİN

- 20 International Symposium on Architecture, Engineering and Design , <https://www.iksadkongre.com/arch>
- 21 **Gene expression based modelling of chloride, water, and gas permeability of concretes modified with calcined Turkish kaolins and high purity metakaolin**
MERMERDAŞ KASIM
3rd International GAP Conference On Mathematics- Engineering-Science and Medical Studies ,
- 22 **Geopolimer Bağlayıcı Yapı Malzemelerinin Zamana Bağlı Şekil Değiştirme Davranışının İncelenmesi**
EKMEN ŞEVİN, MERMERDAŞ KASIM
6th International GAP Engineering Congress – GAP2018, Şanlıurfa ,
- 23 **Hardened Properties of Self-Compacting Lightweight Geopolymer Mortars Containing Waste Polyethylene Terephthalate**
KİYAN MEHMET EMİN, MERMERDAŞ KASIM, GÜNEYİSİ ERHAN, YILDIZ KİYAN FATMA
International Symposium on Architecture, Engineering and Design , <https://www.iksadkongre.com/arch>
- 24 **Investigation of the influence of pre school education on the succes levels of undergraduate students in engineering faculty**
DOKUR MERMERDAŞ EMEL, MERMERDAŞ KASIM
ICEMST 2016 , <http://2016.icemst.com/>
- 25 **İnşaat Proje Süre Tespitinde PERT Stokastik CPM ve Sübjektif Kararlı Risk Analizi Tabanlı CPM uygulaması Karşılaştırmalı bir vaka çalışması**
ÖKMEN ÖNDER, ÖZTAŞ AHMET, MERMERDAŞ KASIM
Uluslararası GAP V. Mühendislik Kongresi ,
- 26 **Kalsine Ham Kaolen ve Yüksek Safılıktaki Metakaolen İçeren Betonların Çekme ve Basınç Dayanımları Arasındaki Korelasyon**
MERMERDAŞ KASIM, EKMEN ŞEVİN
International Conference on Civil and Environmental Engineering, ICOCEE-Cappadocia-2017 , .
- 27 **Konut tipi betonarme yapıların taşıyıcı sistem maliyetlerinin esnek hesaplama yöntemiyle tahmin edilmesi**
MERMERDAŞ KASIM, GÜNEŞ İSMAİL
6th International GAP Engineering Congress – GAP2018, Şanlıurfa ,
- 28 **Makro Sentetik Elyaf Takviyeli Silindirle Sıkıştırılmış Beton (SSB) Yolların Performans Değerlendirmesi**
ALĞİN ZEYNEP, MERMERDAŞ KASIM, ZEYNEPLİ MEHMET SERHAT
7th International Symposium on Innovative Technologies in Engineering and Science 22-24 November 2019 (ISITES2019 SanliUrfa - Turkey) , <https://www.acperpro.com/issue/4>
- 29 **Management and Recycling of Municipal Fly Ash Solid Waste through Concrete Production**
AZEZ ODAY, ÖZ HATİCE ÖZNUR, MERMERDAŞ KASIM
5th International Symposium on Environment and Moral (ISEM 2020) ,
- 30 **Mechanical and Absorption Properties of Fiber Reinforced Fly Ash Based Geopolymer Mortar**
MERMERDAŞ KASIM, MULAPEER ESAMEDDİN, OLEIWI SAFİE MAHDI
6th International GAP Engineering Congress – GAP2018, Şanlıurfa ,
- 31 **Mechanical and Thermal Properties of Rubberized Fly Ash Based Geopolymer Composite**

- 31 **MERMERDAŞ KASIM, RASOOL HEWR**
6th International Academic Studies Congress (UBCAK 2021) ,
http://www.ubcakcongress.org/index.php?alias=anasayfa_yazi
- 32 **Mermer Tozu ve Uçucu Kül Katkılı Kendiliğinden Yerleşen Betonların Taze ve Sertleşmiş Özelliklerinin İncelenmesi**
GESOĞLU MEHMET,GÜNEYİSİ ERHAN,KOCABAĞ MUSTAFA ERKAN,BAYRAM VEYSEL,MERMERDAŞ KASIM
8. Ulusal Beton Kongresi ,
- 33 **Metakaolin Katkılı Betonların Sülfat Dayanıklılığının İncelenmesi**
GÜNEYİSİ ERHAN,GESOĞLU MEHMET,MERMERDAŞ KASIM
7. Ulusal Beton Kongresi ,
- 34 **Predicting the crushing strength of cold bonded artificial aggregates by genetic algorithms**
GEYİK FARUK,GESOĞLU MEHMET,GÜNEYİSİ ERHAN,MERMERDAŞ KASIM,ÖZ HATİCE ÖZNUR
27th International Conference on SolidWaste Technology and Management ,
- 35 **Properties of lightweight aggregates made with cold bonded pelletization of fly ash metakaolin and cement**
GÜNEYİSİ ERHAN,GESOĞLU MEHMET,MERMERDAŞ KASIM,İPEK SÜLEYMAN
International Conference and Exhibition on Application of Efficient and Renewable Energy Technologies in Low Cost Buildings and Construction ,
- 36 **Resistance of basalt fiber reinforced geopolymer based mortars against freezing and thawing cycles**
MAHMOOD ZANA,MERMERDAŞ KASIM,ANWER AHMED
International Conference on Technology, Engineering and Science (IConTES 2020) ,
<https://www.2020.icontes.net/>
- 37 **Resistance of Natural Rubber Latex Modified Lightweight Concrete to Chloride Ingress**
YOUNUS SHIMAL JAMEEL,GÜNEYİSİ ERHAN,GESOĞLU MEHMET,MERMERDAŞ KASIM,İPEK SÜLEYMAN
7th Asian Symposium on Polymers in Concrete (ASPIC 2012) ,
- 38 **SBR Lateks Modifiyeli Harçların Fiziksel ve Mekanik Özelliklerinin İncelenmesi**
KARADAĞ METİN,MERMERDAŞ KASIM,ALĞİN ZEYNEP,EKMEN ŞEVİN
6th INTERNATIONAL CONFERENCE ON ENGINEERING NATURAL SCIENCES ,
<https://www.ispecinstitute.org/books>
- 39 **Silindirle Sıkıştırılmış Betonda Su İçeriğinin Sıkıştırılabilirlik ve Basınç Dayanımı Üzerindeki Etkisi**
ALĞİN ZEYNEP,MERMERDAŞ KASIM,GERGİNCİ SÜMEYRA,ZEYNEPLİ MEHMET SERHAT
6th International GAP Engineering Congress – GAP2018, Şanlıurfa ,
- 40 **Silis Dumanı ve Metakaolinin Betonların Gaz Geçirimsizliği ve Kısıtlanmış Rötresine Etkileri**
GÜNEYİSİ ERHAN,GESOĞLU MEHMET,KARAOĞLU SEDA,MERMERDAŞ KASIM
8. Ulusal Beton Kongresi ,
- 41 **Studying the impact of crumb rubber on the setting time of self-compacting mortar**
İPEK SÜLEYMAN,MERMERDAŞ KASIM

- 41 ISPEC 9th International Conference On Engineering Natural Sciences (ISPEC 2020) ,
<https://www.ispecinstitute.org/ispec9>
- 42 **The Flexural Behavior Of Cementitious Composites Strengthened with Glass Fiber Fabric**
ALHALLAAK TASNİM, MERMERDAŞ KASIM, ÖZEN MUSTAFA, DEMİRCAN GÖKHAN, ALHALLAAK
LUAİ
7th INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCH, 21-23 JANUARY 2022,
NİZİP/GAZİANTEP , <https://www.zeugmakongresi.org/books>
- 43 **Thermal Characteristics of Synthetic Lightweight Sand Incorporated Earth Friendly Geopolymer Composites**
EKMEN ŞEVİN, İPEK SÜLEYMAN, MERMERDAŞ KASIM, İŞİKER YUSUF
9. ULUSLARARASI MÜHENDİSLİK MİMARLIK VE TASARIM KONGRESİ ,
<http://www.muhendislikmimarliktasarimkongresi.org/bildiriler.html>
- 44 **Transport properties of plain and silica fume concretes incorporating waste tire rubber**
GÜNEYİSİ ERHAN, GESOĞLU MEHMET, MERMERDAŞ KASIM, İPEK SÜLEYMAN
27th International Conference on Solid Waste Technology and Management ,
- 45 **Use of Genetic Programming for Prediction of Compressive Strength of the Concretes Modified with Metakaolin**
MERMERDAŞ KASIM, GEYİK FARUK
9th International Congress on Advances in Civil Engineering (ACE 2010) ,
- 46 **Using of Pulverized Fuel Ash As A Solid Waste Material to Produce Aggregate and Concrete**
AZEZ ODAY, ÖZ HATİCE ÖZNUR, MERMERDAŞ KASIM, ILGAZ REYHAN
2ND INTERNATIONAL SYMPOSIUM ON NATURAL HAZARDS AND DISASTER MANAGEMENT.
Sakarya University Culture and Congress Center, Sakarya / TURKEY 04-06 MAY 2018 ,
- 47 **Utilization of neural networks for prediction of compressive strength of concretes incorporating volcanic ash**
MERMERDAŞ KASIM, GÜNEYİSİ ERHAN, GESOĞLU MEHMET, SAKİN MEHMET
11th International Congress on Advances in Civil Engineering (ACE 2014) ,