

Prof. BURAK FELEKOĞLU

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: B-3265-2009

ScopusID: 13614267300

Yoksis Researcher ID: 138707

Education

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Yapı Malzeme (Dr), Turkey 2003 - 2009

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Yapı Malzeme (YI) (Tezli), Turkey 2000 - 2003

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1996 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Yüksek performanslı mikro beton tasarımı, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Yapı Malzeme (Dr), 2009

Postgraduate, Kendiliğinden yerleşen betonun fiziksel ve mekanik özelliklerinin incelenmesi, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Yapı Malzeme (YI) (Tezli), 2003

Research Areas

Engineering and Technology

Academic Positions

Professor, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - Continues

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2012 - 2018

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2011 - 2012

Research Assistant PhD, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2009 - 2011

Research Assistant, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Yapı Malzeme (YI) (Tezli), 2001 - 2009

Courses

Doctorate

Ph.D. Research , Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Postgraduate

Admixtures for Concrete, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2011 - 2012

M.Sc. Research, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012

Yüksek Lisans Seminer, Postgraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014

Yapı Malzemesinde Reoloji, Postgraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014

Undergraduate

Bitirme Projesi (ÖÖ), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012

Statik (İnşaat Müh.) İÖ , Undergraduate, 2023 - 2024, 2019 - 2020

Bitirme Projesi (İÖ), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Statik (İnşaat Müh.), Undergraduate, 2023 - 2024, 2017 - 2018, 2016 - 2017

Alternatif Yapı Malzemeleri (ÖÖ Şubesi), Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012

Yapı Malzemesi - I (İÖ), Undergraduate, 2023 - 2024, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012

Yapı Malzemesi - II (ÖÖ), Undergraduate, 2022 - 2023, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Statik (Çevre Müh.), Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Technical English - 1, Undergraduate, 2022 - 2023

Statik (Maden Müh.), Undergraduate, 2022 - 2023, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015

Technical English - 1, Undergraduate, 2022 - 2023

Yapı Malzemesi - II (İÖ), Undergraduate, 2021 - 2022, 2011 - 2012

Yapı Malzemesi - I (ÖÖ), Undergraduate, 2022 - 2023, 2018 - 2019, 2016 - 2017, 2013 - 2014

Alternatif Yapı Malzemeleri (İÖ şubesi), Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Statik (Jeoloji Müh.), Undergraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012

Statik (Jeofizik Müh.), Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Betonarme Elemanların Dayanıklılığı, Undergraduate, 2015 - 2016, 2011 - 2012

Statik (Jeoloji Müh. İÖ), Undergraduate, 2015 - 2016, 2014 - 2015

Associate Degree

Construction Materials, Associate Degree, 2023 - 2024

Construction Materials (SE), Associate Degree, 2023 - 2024

Supervised Theses

Felekoğlu B., Arslan A., Investigation of the effect of methylene blue value of fine aggregates on fresh state and mechanical properties of self compacting concrete, Postgraduate, E.KABATAŞ(Student), 2022

Felekoğlu B., The relationship between rheological behavior and adherence properties of fiber-reinforced mortars produced by extrusion method, Postgraduate, V.SARUHAN(Student), 2022

Felekoğlu B., Micromechanical based designs and comparison of different polymeric fiber cement-based composites

exhibiting multiple cracking behavior, Doctorate, M.KESKİNATEŞ(Student), 2022
FELEKOĞLU B., Investigation of the effect of fiber type and amount on the performance of cement-based composites under repetitive loading, Postgraduate, M.TATARCA(Student), 2020
FELEKOĞLU B., Pervious concrete design and investigation of usage in floor paving blocks, Postgraduate, Ö.BARIŞ(Student), 2019
FELEKOĞLU B., Investigation of the effects of synthetic cellulose based admixtures on the physical, mechanical and rheological properties of cement based adhesive mortar, Postgraduate, E.BOZKURT(Student), 2017
FELEKOĞLU B., Portland çimentosu ve süperakışkanlaştırıcı katkı uyumunun incelenmesi, Doctorate, A.MARDANI(Student), 2016
FELEKOĞLU B., Sulfate resistance of polymer modified repair mortars, Postgraduate, F.EREN(Student), 2016
FELEKOĞLU B., Development of practical polymeric fiber reinforced cementitious composites, Postgraduate, E.GÖDEK(Student), 2016

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, December, 2023
Doctorate, Doctorate, Ege Üniversitesi, March, 2022
Doctorate, Doctorate, Dokuz Eylül Üniversitesi, February, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, February, 2022
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül University, January, 2022
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Abdullah Gül Üniversitesi, October, 2021
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, August, 2021
Doctorate, Doctorate, İzmir Yüksek Teknoloji Enstitüsü, July, 2021
Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, February, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ted Üniversitesi, October, 2020
Associate Professor Exam, Associate Professor Exam, Niğde Ömer Halisdemir Üniversitesi, July, 2020
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, April, 2020
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, April, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ege Üniversitesi, December, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ege Üniversitesi, December, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İzmir Yüksek Teknoloji Enstitüsü, December, 2019
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, August, 2019
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, March, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İzmir Yüksek Teknoloji Enstitüsü, December, 2018
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül University, September, 2018
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül University, June, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, İzmir Demokrasi Üniversitesi, April, 2018
Post Graduate, Post Graduate, Ege Üniversitesi, August, 2017

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Development of eco-friendly diatomite substituted woven fabric reinforced composites with optimized reinforcing ratio**
Bozkurt E., TÜRKEL S., FELEKOĞLU B., KORKMAZ M.
Construction and Building Materials, vol.440, 2024 (SCI-Expanded)
- II. **Effects of Mineral Additive Substitution on the Fresh State and Time-Dependent Hardened State Properties of Calcium Alumina Cement Mortars** Mineral Katkı İkamisinin Kalsiyum Alümina Çimentolu Harçların Taze Hal ve Zamana Bağlı Sertleşmiş Hal Özelliklerine Etkileri
Eren F., Keskinates M., FELEKOĞLU B., TOSUN FELEKOĞLU K.
Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, vol.34, no.3, pp.139-162, 2023 (SCI-Expanded)
- III. **Effect of fiber reinforcement on extrudability and buildability of mineral additive modified Portland cement mortars: A rheometer based simulation analysis**
Saruhan V., Keskinates M., Tosun Felekoğlu K., Felekoğlu B.
JOURNAL OF BUILDING ENGINEERING, vol.54, pp.1-10, 2022 (SCI-Expanded)
- IV. **The role of Pre-Heating and mineral additive modification on Long-Term strength development of calcium aluminate cement mortars**
Eren F., KESKİNATES M., FELEKOĞLU B., TOSUN FELEKOĞLU K.
CONSTRUCTION AND BUILDING MATERIALS, vol.340, 2022 (SCI-Expanded)
- V. **A comprehensive review on fresh state rheological properties of extrusion mortars designed for 3D printing applications**
Saruhan V., Keskinates M., Felekoğlu B.
CONSTRUCTION AND BUILDING MATERIALS, vol.337, 2022 (SCI-Expanded)
- VI. **Adsorption properties of polycarboxylate ether-based high range water reducing admixture on cementitious systems: A review**
Karakuzu K., Kobya V., MARDANI AGHABAGLOU A., FELEKOĞLU B., RAMYAR K.
CONSTRUCTION AND BUILDING MATERIALS, vol.312, 2021 (SCI-Expanded)
- VII. **Assessment of cement characteristics affecting rheological properties of cement pastes**
MARDANI AGHABAGLOU A., KANKAL M., Nacar S., FELEKOĞLU B., RAMYAR K.
NEURAL COMPUTING & APPLICATIONS, vol.33, no.19, pp.12805-12826, 2021 (SCI-Expanded)
- VIII. **Effect of false set related anomalies on rheological properties of cement paste mixtures in the presence of high range water reducing admixture**
MARDANI AGHABAGLOU A., FELEKOĞLU B., RAMYAR K.
STRUCTURAL CONCRETE, 2020 (SCI-Expanded)
- IX. **Influence of aggregate volume on the shrinkage, rheological and mechanical properties of ultra-high performance concrete**
YALÇINKAYA Ç., FELEKOĞLU B., YAZICI H.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.4, pp.1701-1718, 2020 (SCI-Expanded)
- X. **Strain Analysis of Multiple Cracking Fiber Reinforced Composites by Digital Image Correlation: Evaluation of Parameter Effects**
Yildirim T., Keskinates M., GÖDEK E., TOSUN FELEKOĞLU K., FELEKOĞLU B., ÖNAL O.
TEKNIK DERGI, vol.31, no.1, pp.9711-9731, 2020 (SCI-Expanded)
- XI. **THE ROLE OF NA(2)O(EQ)RATIO ON THE FLOWABILITY AND STRENGTH DEVELOPMENT OF CEMENTITIOUS SYSTEMS IN THE PRESENCE OF A POLYCARBOXYLATE ETHER-BASED ADMIXTURE**
MARDANI AGHABAGLOU A., FELEKOĞLU B., RAMYAR K.
JOURNAL OF GREEN BUILDING, vol.14, no.1, pp.93-109, 2019 (AHCI)
- XII. **Investigation of multiple cracking behavior of cement-based fiber composites by digital image correlation method**
Yildirim T., TOSUN FELEKOĞLU K., GÖDEK E., Keskinates M., FELEKOĞLU B., ÖNAL O.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, no.1, pp.479-493, 2019 (SCI-Expanded)

- XIII. **The influence of mineral additive type and water/binder ratio on matrix phase rheology and multiple cracking potential of HTPP-ECC**
Keskinates M., FELEKOĞLU B.
CONSTRUCTION AND BUILDING MATERIALS, vol.173, pp.508-519, 2018 (SCI-Expanded)
- XIV. **EFFECT OF CEMENT FINENESS ON PROPERTIES OF CEMENTITIOUS MATERIALS CONTAINING HIGH RANGE WATER REDUCING ADMIXTURE**
MARDANI AGHABAGLOU A., Son A. E., FELEKOĞLU B., RAMYAR K.
JOURNAL OF GREEN BUILDING, vol.12, no.1, pp.142-167, 2017 (AHCI)
- XV. **Development of flaw tolerant fiber reinforced cementitious composites with calcined kaolin**
GÖDEK E., TOSUN FELEKOĞLU K., Keskinates M., FELEKOĞLU B.
APPLIED CLAY SCIENCE, vol.146, pp.423-431, 2017 (SCI-Expanded)
- XVI. **Effect of Cement C3A Content on Properties of Cementitious Systems Containing High-Range Water-Reducing Admixture**
MARDANI AGHABAGLOU A., FELEKOĞLU B., RAMYAR K.
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.29, no.8, 2017 (SCI-Expanded)
- XVII. **Utilization and selection of proper fly ash in cost effective green HTPP-ECC design**
TOSUN FELEKOĞLU K., Godek E., Keskinates M., FELEKOĞLU B.
JOURNAL OF CLEANER PRODUCTION, vol.149, pp.557-568, 2017 (SCI-Expanded)
- XVIII. **Effects of latex modification on fresh state consistency, short term strength and long term transport properties of cement mortars**
Eren F., Godek E., Keskinates M., TOSUN FELEKOĞLU K., FELEKOĞLU B.
CONSTRUCTION AND BUILDING MATERIALS, vol.133, pp.226-233, 2017 (SCI-Expanded)
- XIX. **A comparative study on the compatibility of PVA and HTPP fibers with various cementitious matrices under flexural loads**
FELEKOĞLU B., TOSUN FELEKOĞLU K., Keskinates M., Godek E.
CONSTRUCTION AND BUILDING MATERIALS, vol.121, pp.423-428, 2016 (SCI-Expanded)
- XX. **Control of Tensile Behavior of Ultra-High Performance Concrete Through Artificial Flaws and Fiber Hybridization**
Kang S., Lee K., Choi J., Lee Y., FELEKOĞLU B., Lee B. Y.
INTERNATIONAL JOURNAL OF CONCRETE STRUCTURES AND MATERIALS, vol.10, no.3, 2016 (SCI-Expanded)
- XXI. **Multiple cracking analysis of HTPP-ECC by digital image correlation method**
FELEKOĞLU B., Keskinates M.
COMPUTERS AND CONCRETE, vol.17, no.6, pp.831-848, 2016 (SCI-Expanded)
- XXII. **Effect of gypsum type on properties of cementitious materials containing high range water reducing admixture**
MARDANI AGHABAGLOU A., Boyaci O. C., Hosseinneshad H., FELEKOĞLU B., RAMYAR K.
CEMENT & CONCRETE COMPOSITES, vol.68, pp.15-26, 2016 (SCI-Expanded)
- XXIII. **PHYSICAL, MECHANICAL AND MICROSTRUCTURAL CHARACTERIZATION OF BASILICA PLASTERS AND BOULEUTERION MORTARS IN SMYRNA AGORA**
FELEKOĞLU B., Godek E., Ersoy A., Kusoglu I. M., Hasozbek A.
MEDITERRANEAN ARCHAEOLOGY & ARCHAEOLOGY, vol.16, no.1, pp.193-202, 2016 (AHCI)
- XXIV. **A novel method for the determination of polymeric micro-fiber distribution of cementitious composites exhibiting multiple cracking behavior under tensile loading**
FELEKOĞLU B., TOSUN FELEKOĞLU K., Godek E.
CONSTRUCTION AND BUILDING MATERIALS, vol.86, pp.85-94, 2015 (SCI-Expanded)
- XXV. **Rheological behaviour of self-compacting micro-concrete**
FELEKOĞLU B.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.39, no.6, pp.1471-1495, 2014 (SCI-Expanded)
- XXVI. **Influence of matrix flowability, fiber mixing procedure, and curing conditions on the mechanical performance of HTPP-ECC**

- FELEKOĞLU B., TOSUN FELEKOĞLU K., Ranade R., Zhang Q., Li V. C.
COMPOSITES PART B-ENGINEERING, vol.60, pp.359-370, 2014 (SCI-Expanded)
- XXVII. **Effects of loading conditions and specimen thickness on the flexural behavior of fiber-reinforced cementitious composites**
FELEKOĞLU B.
PERIODICA POLYTECHNICA-CIVIL ENGINEERING, vol.58, no.3, pp.279-291, 2014 (SCI-Expanded)
- XXVIII. **The role of flaw size and fiber distribution on tensile ductility of PVA-ECC**
TOSUN FELEKOĞLU K., FELEKOĞLU B., Ranade R., Lee B. Y., Li V. C.
COMPOSITES PART B-ENGINEERING, vol.56, pp.536-545, 2014 (SCI-Expanded)
- XXIX. **Evaluating the bond strength between concrete substrate and repair mortars with full-factorial analysis**
TOSUN FELEKOĞLU K., FELEKOĞLU B., TAŞAN A. S., FELEKOĞLU B.
COMPUTERS AND CONCRETE, vol.12, no.5, pp.651-668, 2013 (SCI-Expanded)
- XXX. **Effects of fiber-matrix interaction on multiple cracking performance of polymeric fiber reinforced cementitious composites**
TOSUN FELEKOĞLU K., FELEKOĞLU B.
COMPOSITES PART B-ENGINEERING, vol.52, pp.62-71, 2013 (SCI-Expanded)
- XXXI. **Effects of fibre hybridization on multiple cracking potential of cement-based composites under flexural loading**
TOSUN FELEKOĞLU K., FELEKOĞLU B.
CONSTRUCTION AND BUILDING MATERIALS, vol.41, pp.15-20, 2013 (SCI-Expanded)
- XXXII. **Multiple cracking response of plasma treated polyethylene fiber reinforced cementitious composites under flexural loading**
TOSUN FELEKOĞLU K., FELEKOĞLU B., Baradan B.
CEMENT & CONCRETE COMPOSITES, vol.34, no.4, pp.508-520, 2012 (SCI-Expanded)
- XXXIII. **A method for improving the early strength of pumice concrete blocks by using alkyl alkoxy silane (AAS)**
FELEKOĞLU B.
CONSTRUCTION AND BUILDING MATERIALS, vol.28, no.1, pp.305-310, 2012 (SCI-Expanded)
- XXXIV. **Compatibility of a polycarboxylate-based superplasticiser with different set-controlling admixtures**
FELEKOĞLU B., TOSUN FELEKOĞLU K., Baradan B.
CONSTRUCTION AND BUILDING MATERIALS, vol.25, no.3, pp.1466-1473, 2011 (SCI-Expanded)
- XXXV. **Quantification of void shape in cemented materials**
ÖNAL O., ÖZDEN G., FELEKOĞLU B.
COMPUTERS AND CONCRETE, vol.7, no.6, pp.511-522, 2010 (SCI-Expanded)
- XXXVI. **Effects of porosity and related interstitial phase morphology difference on the grindability of clinkers**
FELEKOĞLU B., TOSUN FELEKOĞLU K., Baradan B., Altun A.
MATERIALS AND STRUCTURES, vol.43, pp.179-193, 2010 (SCI-Expanded)
- XXXVII. **Effects of hardening accelerators on the performance of self-compacting mortars designed for rapid repair purposes**
Altun I., FELEKOĞLU B., Arslan S.
Silicates Industriels, vol.74, pp.87-93, 2009 (SCI-Expanded)
- XXXVIII. **Effects of fibre type and matrix structure on the mechanical performance of self-compacting micro-concrete composites**
FELEKOĞLU B., TOSUN FELEKOĞLU K., Baradan B.
CEMENT AND CONCRETE RESEARCH, vol.39, no.11, pp.1023-1032, 2009 (SCI-Expanded)
- XXXIX. **Portland Limestone Cement Part II- Sulfate Resistance**
TOSUN FELEKOĞLU K., FELEKOĞLU B., Baradan B., Altun I. A.
TEKNIK DERGI, vol.20, no.3, pp.4737-4757, 2009 (SCI-Expanded)
- XL. **Effects of limestone replacement ratio on the sulfate resistance of Portland limestone cement**

mortars exposed to extraordinary high sulfate concentrations

TOSUN FELEKOĞLU K., FELEKOĞLU B., Baradan B., Altun I. A.

CONSTRUCTION AND BUILDING MATERIALS, vol.23, no.7, pp.2534-2544, 2009 (SCI-Expanded)

- XLII. **Portland Limestone Cement Part 1-Preparation of Cements**
TOSUN FELEKOĞLU K., FELEKOĞLU B., Baradan B., Altun I. A.
TEKNIK DERGI, vol.20, no.3, pp.4717-4736, 2009 (SCI-Expanded)
- XLIII. **A comparative study on the flexural performance of plasma treated polypropylene fiber reinforced cementitious composites**
FELEKOĞLU B., TOSUN FELEKOĞLU K., Baradan B.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.209, no.11, pp.5133-5144, 2009 (SCI-Expanded)
- XLIV. **Optimization of fineness to maximize the strength activity of high-calcium ground fly ash - Portland cement composites**
Felekoğlu B., Türkel S., Kalyoncu H.
CONSTRUCTION AND BUILDING MATERIALS, vol.23, no.5, pp.2053-2061, 2009 (SCI-Expanded)
- XLV. **A comparative study on the performance of limestone-blended cement mortars exposed to cold curing conditions**
FELEKOĞLU B., Tosun K.
ADVANCES IN CEMENT RESEARCH, vol.21, no.2, pp.45-57, 2009 (SCI-Expanded)
- XLVI. **A new approach to the characterisation of particle shape and surface properties of powders employed in concrete industry**
FELEKOĞLU B.
CONSTRUCTION AND BUILDING MATERIALS, vol.23, no.2, pp.1154-1162, 2009 (SCI-Expanded)
- XLVII. **Effect of chemical structure of polycarboxylate-based superplasticizers on workability retention of self-compacting concrete**
FELEKOĞLU B., Sarikahya H.
CONSTRUCTION AND BUILDING MATERIALS, vol.22, no.9, pp.1972-1980, 2008 (SCI-Expanded)
- XLVIII. **Relationship between clinker porosity and interstitial phase morphology**
FELEKOĞLU B., Tosun K., Baradan B., Altun A.
ADVANCES IN CEMENT RESEARCH, vol.20, no.3, pp.109-119, 2008 (SCI-Expanded)
- XLIX. **Optimization of self-compacting filling grout mixtures for repair purposes**
FELEKOĞLU B.
CONSTRUCTION AND BUILDING MATERIALS, vol.22, no.4, pp.660-667, 2008 (SCI-Expanded)
- L. **A comparative study on the performance of sands rich and poor in fines in self-compacting concrete**
FELEKOĞLU B.
CONSTRUCTION AND BUILDING MATERIALS, vol.22, no.4, pp.646-654, 2008 (SCI-Expanded)
- L. **A methodology for spatial distribution of grain and voids in self compacting concrete using digital image processing methods**
ÖNAL O., Oezden G., FELEKOĞLU B.
COMPUTERS AND CONCRETE, vol.5, no.1, pp.61-74, 2008 (SCI-Expanded)
- LI. **Effectiveness of alkyl alkoxy silane treatment in mitigating alkali-silica reaction**
TOSUN FELEKOĞLU K., FELEKOĞLU B., Baradan B.
ACI MATERIALS JOURNAL, vol.105, no.1, pp.20-27, 2008 (SCI-Expanded)
- LII. **Influence of various acids on the physico-mechanical properties of pozzolanic cement mortars**
TÜRKEL S., FELEKOĞLU B., Dulluc S.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.32, no.6, pp.683-691, 2007 (SCI-Expanded)
- LIII. **Utilisation of high volumes of limestone quarry wastes in concrete industry (self-compacting concrete case)**
FELEKOĞLU B.
RESOURCES CONSERVATION AND RECYCLING, vol.51, no.4, pp.770-791, 2007 (SCI-Expanded)
- LIV. **The effect of cement alkali content on ASR susceptibility of mortars incorporating admixtures**
Tosun K., FELEKOĞLU B., Baradan B.

- BUILDING AND ENVIRONMENT, vol.42, no.9, pp.3444-3453, 2007 (SCI-Expanded)
- LV. **Effects of PSD and surface morphology of micro-aggregates on admixture requirement and mechanical performance of micro-concrete**
FELEKOĞLU B.
CEMENT & CONCRETE COMPOSITES, vol.29, no.6, pp.481-489, 2007 (SCI-Expanded)
- LVI. **Effects of steel fiber reinforcement on surface wear resistance of self-compacting repair mortars**
Felekoğlu B., Türkel S., Altuntas Y.
CEMENT & CONCRETE COMPOSITES, vol.29, no.5, pp.391-396, 2007 (SCI-Expanded)
- LVII. **Effect of water/cement ratio on the fresh and hardened properties of self-compacting concrete**
Felekoğlu B., Türkel S., Baradan B.
BUILDING AND ENVIRONMENT, vol.42, no.4, pp.1795-1802, 2007 (SCI-Expanded)
- LVIII. **Sulfate resistances of different types of Turkish Portland cements by selecting the appropriate test methods**
FELEKOĞLU B., Ramyar K., Tosun K., Musal B.
CONSTRUCTION AND BUILDING MATERIALS, vol.20, no.9, pp.819-823, 2006 (SCI-Expanded)
- LIX. **Utilisation of Turkish fly ashes in cost effective HVFA concrete production**
FELEKOĞLU B.
FUEL, vol.85, pp.1944-1949, 2006 (SCI-Expanded)
- LX. **The effect of fly ash and limestone fillers on the viscosity and compressive strength of self-compacting repair mortars**
FELEKOĞLU B., Tosun K., Baradan B., Altun A., UYULGAN B.
CEMENT AND CONCRETE RESEARCH, vol.36, no.9, pp.1719-1726, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of Curing Conditions on the Interfacial Bonding Parameters of High-Tenacity Polypropylene (HTPP) Fiber / Cementitious Matrix**
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COMPUTERS AND CONCRETE, Journal Indexed in SCI-E, July 2017

ACI MATERIALS JOURNAL, Journal Indexed in SCI-E, March 2017

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JOURNAL OF MATERIALS IN CIVIL ENGINEERING-ASCE, Journal Indexed in SCI-E, January 2017

Journal Of Zhejiang University-Science A, Journal Indexed in SCI-E, December 2016

CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, April 2016
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, April 2016
ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, Journal Indexed in SCI-E, March 2016
COMPUTERS AND CONCRETE, Journal Indexed in SCI-E, January 2016
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, August 2015
AUTOMATION IN CONSTRUCTION, Journal Indexed in SCI-E, July 2015
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION B-ENGINEERING, Journal Indexed in SCI-E, May 2015
INTERNATIONAL JOURNAL OF CONCRETE STRUCTURES AND MATERIALS, Journal Indexed in SCI-E, March 2015
COMPUTERS AND CONCRETE, Journal Indexed in SCI-E, March 2015
ENVIRONMENTAL SCIENCE & TECHNOLOGY, Journal Indexed in SCI-E, February 2015
CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, January 2015
STRUCTURAL ENGINEERING AND MECHANICS, Journal Indexed in SCI-E, September 2014
COMPOSITES PART B-ENGINEERING, Journal Indexed in SCI-E, September 2014
KSCE JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, May 2014
ACI MATERIALS JOURNAL, Journal Indexed in SCI-E, April 2014
MATERIALS SCIENCE-MEDZIAGOTYRA, Journal Indexed in SCI-E, March 2014
JOURNAL OF APPLIED POLYMER SCIENCE, Journal Indexed in SCI-E, February 2014
COMPUTERS AND CONCRETE, Journal Indexed in SCI-E, January 2014
SCIENTIA IRANICA, Journal Indexed in SCI-E, December 2013
CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, November 2013
MATERIALS AND STRUCTURES, Journal Indexed in SCI-E, June 2013
COMPOSITES PART B-ENGINEERING, Journal Indexed in SCI-E, May 2012
POLYMERS FOR ADVANCED TECHNOLOGIES, Journal Indexed in SCI-E, October 2011
COMPUTERS AND CONCRETE, Journal Indexed in SCI-E, March 2011
JOURNAL OF APPLIED CRYSTALLOGRAPHY, Journal Indexed in SCI-E, January 2011
COMPOSITES PART B-ENGINEERING, Journal Indexed in SCI-E, September 2010
SCIENTIA IRANICA, Journal Indexed in SCI-E, August 2010
CONSTRUCTION AND BUILDING MATERIALS, Journal Indexed in SCI-E, January 2009
JOURNAL OF ENVIRONMENTAL MANAGEMENT, Journal Indexed in SCI-E, August 2008

Scientific Project Refereeing

TUBITAK Project, 2210-c Domestic Priority Areas Graduate Scholarship Program , December 2023
TUBITAK Project, 2210-c Domestic Priority Areas Graduate Scholarship Program , November 2022

Scientific Research / Working Group Memberships

Advanced Civil Engineering – Materials Research Lab, University of Michigan - Ann Arbor, United States Of America,
<https://acemrl.engin.umich.edu/>, 2012 - 2013

Metrics

Publication: 128
Citation (WoS): 2010
Citation (Scopus): 2540
H-Index (WoS): 22
H-Index (Scopus): 26

Congress and Symposium Activities

3rd INTERNATIONAL CONGRESS ON ENGINEERING SCIENCES AND MULTIDISCIPLINARY APPROACHES, Attendee, İstanbul, Turkey, 2022

5. Ulusal Beton Kongresi , Attendee, İstanbul, Turkey, 2003

Kocaeli 2003 Deprem Sempozyumu , Attendee, Kocaeli, Turkey, 2003

Scholarships

TÜBİTAK 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, TUBITAK, 2012 - 2013

Awards

Felekoğlu B., Tosun Felekoğlu K., Proje Performans Ödülü (114M246), Tübitak , February 2019

Felekoğlu B., 2013 Yılı FABED Eser Tümen Üstün Başarı Ödülü, Fabel, July 2013