

Uluslararası hakemli dergilerde yayımlanan makaleler:

1. SÖĞÜT KAĞAN,ERCAN BURCU (2025). Behaviour of unstrengthened and DE CFRP-strengthened high-strength concrete deep beams with web openings. *Frontiers in Materials*(12), 1661180, Doi: 10.3389/fmats.2025.1661180 (Yayın No: 9712585)
2. Dirar Samir,SÖĞÜT KAĞAN,Caro Manjola,Rahman Ridwan,Theofanous Marios,Faramarzi Asaad (2025). Effect of shear span-to-effective depth ratio and FRP material type on the behaviour of RC T-beams strengthened in shear with embedded FRP bars. *Engineering Structures*(332), 120105, Doi: 10.1016/j.engstruct.2025.120105 (Yayın No: 9507526)
3. SÖĞÜT HÜSEYİN,ÖZÇELİK RAMAZAN,SÖĞÜT KAĞAN,ERDAL FERHAT (2025). Experimental Behavior and FE Modeling of Buckling Restrained Braced Frame with Slip-Critical Connection. *Applied Sciences*, 15(10), 5626, Doi: 10.3390/app15105626 (Yayın No: 9590786)
4. SÖĞÜT KAĞAN (2025). Structural Behaviour of Concrete Deep Beams Reinforced with Aluminium Alloy Bars. *Applied Sciences*, 15(10), 5453, Doi: 10.3390/app15105453 (Yayın No: 9590780)
5. Dirar Samir,Caro Manjola,SÖĞÜT KAĞAN,Quinn Andrew (2024). Experimental behaviour, FE modelling and design of large-scale reinforced concrete deep beams shear-strengthened with embedded fibre reinforced polymer bars. *Structures*(67), 106938, Doi: 10.1016/j.istruc.2024.106938 (Yayın No: 9057013)
6. SÖĞÜT KAĞAN (2023). Shear Behaviour of RC Beams: A Numerical Study. *International Journal of Computational and Experimental Science and Engineering*, 9(3), 248-252., Doi: 10.22399/ijcesen.1335466 (Yayın No: 8441770)
7. SÖĞÜT KAĞAN,Dirar Samir,Theofanous Marios,Faramarzi Asaad,Nayak Amar Nath (2021). Effect of transverse and longitudinal reinforcement ratios on the behaviour of RC T-beams shear-strengthened with embedded FRP BARS. *Composite Structures*(262), 113622, Doi: 10.1016/j.compstruct.2021.113622 (Yayın No: 7750971)

B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında (proceedings) basılan bildiriler :

1. SÖĞÜT KAĞAN (2022). Effect of Tension Reinforcement Ratio on the Behaviour of DE Strengthened-RC Beams without Steel Shear Reinforcement. 4th INTERNATIONAL OCTOBER 29 SCIENTIFIC RESEARCH SYMPOSIUM, 29-30 OCTOBER, ADANA, TURKEY (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 8035580)
2. SÖĞÜT KAĞAN (2025). EVALUATION OF TURKISH BUILDING SEISMIC CODE FOR COLUMNS STRENGTHENED WITH FRP COMPOSITES. 7. BASKENT INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES, 158-158. (Özet Bildiri/Sözlü Sunum) (Yayın No: 9626563)
3. SÖĞÜT KAĞAN (2024). A NUMERICAL STUDY ON SHEAR BEHAVIOUR OF RC T-BEAMS. 8th INTERNATIONAL HALICH CONGRESS ON MULTIDISCIPLINARY SCIENTIFIC RESEARCH, 135-138. (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 9218984)
4. SÖĞÜT KAĞAN (2024). SHEAR STRENGTH PREDICTIONS OF TS500 DESIGN CODE. CUMHURİYET 13th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, 180-185. (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 9196121)
5. SÖĞÜT KAĞAN (2024). SHEAR BEHAVIOUR OF RC BEAMS WITH LOW CONCRETE COMPRESSION STRENGTH. CUMHURİYET 13th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, 174-179. (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 9196114)
6. SÖĞÜT KAĞAN,ERCAN BURCU (2024). SHEAR STRENGTHENING OF REINFORCED CONCRETE DEEP BEAMS WITH WEB OPENINGS. 6. International Mediterranean Congress, 408-413. (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 9078191)
7. ERCAN BURCU,ÜNSAL MEHMET,YAĞCI AYŞE ECE,SÖĞÜT KAĞAN (2024). An Estimation of Flood Zone: QGIS Open Source Software and RiverGIS Toolbar. 6. International Mediterranean Congress, 400-407. (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 9220352)
8. SÖĞÜT KAĞAN, Dirar Samir, Theofanous Marios, Faramarzi Asaad (2023). Effect of shear span-to-effective depth ratio on the behaviour of RC T-beams shear-strengthened with embedded CFRP bars. 3rd International Civil Engineering&Architecture Conference (ICEARC'23), 1754-1761., Doi: 10.31462/icearc.2023.sme817 (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 8613722)
9. SÖĞÜT KAĞAN, Dirar Samir, Nayak Amar Nath, Theofanous Marios, Faramarzi Asaad (2020). Cyclic behaviour of reinforced concrete T-beams strengthened in shear with embedded GFRP bars. fib Symposium 2020 (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 7750996)
10. Dutta Baisali, SÖĞÜT KAĞAN, Dirar Samir, Nayak Amar Nath, Nanda Bharadwaj, Theofanous Marios, Faramarzi Asaad (2019). Nonlinear finite element analysis of reinforced concrete beams strengthened in shear with embedded steel bars. 9th International Conference on Advanced Composites in Construction (ACIC 2019) (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 7750983)
11. SÖĞÜT KAĞAN, Dirar Samir, Theofanous Marios, Faramarzi Asaad (2019). Effect of existing steel-to-embedded FRP shear reinforcement ratio on the behaviour of reinforced concrete T-beams. 9th International Conference on Advanced Composites in Construction (ACIC 2019) (Tam Metin

12. SÖĞÜT KAĞAN, Dirar Samir, Theofanous Marios, Faramarzi Asaad (2019). Size effect in shear-deficient reinforced concrete T-beams strengthened with embedded FRP bars. 14th International Symposium on Fiber-Reinforced Polymer Reinforcement for Concrete Structures (FRPRCS-14) (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 7750977)

C. Yazılan ulusal/uluslararası kitaplar veya kitaplardaki bölümler:

C2. Yazılan ulusal/uluslararası kitaplardaki bölümler:

1. AKADEMİK PERSPEKTİFTEN İNŞAAT MÜHENDİSLİĞİ, Bölüm adı:(BETONARME KİRİŞLERİN EĞİLMEYE KARŞI GÜÇLENDİRİLMESİ) (2025)., SÖĞÜT KAĞAN, YAZ Yayınları, Editör:TOPÇU EMRE, Basım sayısı:1, Sayfa Sayısı 113, ISBN:978-625-5838-14-8, Türkçe(Bilimsel Kitap) (Yayın No: 9626570)
2. İnşaat Mühendisliği Değerlendirmeleri, Bölüm adı:(Betonarme Kirişlerde Boyut Etkisi) (2025)., SÖĞÜT KAĞAN, YAZ Yayınları, Editör:TOPÇU EMRE, Basım sayısı:1, Sayfa Sayısı 181, ISBN:978-625-5838-86-5, Türkçe(Bilimsel Kitap) (Yayın No: 9777274)
3. 10th International Conference on FRP Composites in Civil Engineering, Proceedings of CICE 2020/2021, Lecture Notes in Civil Engineering, Bölüm adı:(Effect of FRP bar type on the behaviour of shear-strengthened reinforced concrete T-beams) (2021)., SÖĞÜT KAĞAN,Dirar Samir,Theofanous Marios,Faramarzi Asaad, Springer Nature, Editör:İLKİ ALPER, İSPİR ARSLAN MEDİNE, İNCİ KOÇAK PINAR, Basım sayısı:1, Sayfa Sayısı 2477, ISBN:978-3-030-88166-5, İngilizce(Bilimsel Kitap) (Yayın No: 9768065)

D. Ulusal hakemli dergilerde yayımlanan makaleler :

1. SÖĞÜT KAĞAN (2025). YÜKSEK MUKAVEMETLİ BETONARME KOLONLARIN DOĞRUSAL OLMAYAN SONLU ELEMANLAR ANALİZİ. Kahramanmaraş Sütçü İmam Üniversitesi Mühendislik Bilimleri Dergisi, 28(2), 1081-1091., Doi: 10.17780/ksujes.1668816 (Kontrol No: 9590772)
2. SÖĞÜT KAĞAN (2022). Numerical investigation on DE-strengthened-RC beams without steel shear reinforcement. Journal of Structural Engineering & Applied Mechanics, 5(4), 238-248., Doi: 10.31462/jseam.2022.04238248 (Kontrol No: 8035185)

E. Ulusal bilimsel toplantılarda sunulan ve bildiri kitaplarında

1. SÖĞÜT KAĞAN (2025). BETONARME KİRİŞSİZ DÖŞEMELERİN ZİMBALAMA DAYANIMI: TS500 DEĞERLENDİRMESİ. 5. Ulusal Bilimsel Araştırmalar Kongresi, 75-75. (Özet Bildiri/Sözlü Sunum) (Yayın No: 9689786)