

Naslov	Autori	Časopis/Konferencija	Detalji	DOI	Dostupno na
Comparison of Seismic and Structural Parameters of Settlements in the East Anatolian Fault Zone in Light of the 6 February Kahramanmaraş Earthquakes	Işık, Ercan; Hadzima- Nyarko, Marijana; Avcil, Fatih; Büyüksaraç, Aydin; Arkan, Enes; Alkan, Hamdi; Harirchian, Ehsan	Infrastructures	Vol. 9, Issue 12, Article 219, 2024	10.3390/infrastructures9120219	https://www.mdpi.com/2412-3811/9/12/219
Study on Effectiveness of Regional Risk Prioritisation in Reinforced Concrete Structures after Earthquakes	Işık, Ercan; Hadzima- Nyarko, Marijana; Radu, Dorin; Bulajić, Borko	Applied Sciences	Vol. 14, Issue 16, Article 6992, 2024	10.3390/app14166992	https://www.mdpi.com/2076-3417/14/16/6992
Seismic Performance and Failure Mechanisms of Reinforced Concrete Structures Subject to the Earthquakes in Türkiye	Işık, Ercan; Avcil, Fatih; Hadzima- Nyarko, Marijana; İzol, Rabia; Büyüksaraç, Aydin; Arkan, Enes; Radu, Dorin; Özcan, Zeki	Sustainability	Vol. 16, Issue 15, Article 6473, 2024	10.3390/su16156473	https://www.mdpi.com/2071-1050/16/15/6473
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Identification of Selected Physical and Mechanical Properties of Cement Composites Modified with Granite Powder Using Neural Networks	Sławomir Czarniecki	Materials	Vol. 18(16), Article 3838, 2025	10.3390/ma18163838	https://www.mdpi.com/1996-1944/18/16/38 38
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Numerical Analysis of Structural Behavior and Damage Mechanisms in Shear-Deficient Reinforced Concrete Columns Retrofitted with RC Jacketing	Avcil, F., Bilgin, H., Arkan, E., Işık, E.	Türk Doğa ve Fen Dergisi	Vol. 14, Issue 2, Article, 150-161 June-2025	https://doi.org/10.46810/tdfd.1607611	https://dergipark.org.tr/en/pub/tdfd/issue/92961/1607611
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Evaluation of Different Rapid Assessment Approaches for Seismic Risk	Josip Radić , Ercan İşik , Marijana Hadzima-Nyarko	Civil Engineering Journal	Volume 11 Number 10 Pages: 3981–4005.	https://doi.org/10.28991/CEJ-2025-011-10-01	https://civiljournal.org/index.php/cej/article/view/6296

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A Study On The Enhancement Of Shear Capacity Of Reinforced Concrete Columns Strengthened With Steel Fiber Composites	Işık, Ercan, Avcil, Fatih	7. Bilsel International Gordion Scientific Researches Congress, 25-26 OCTOBER, 2025, ANKARA/TÜRKİYE	2025	N/A	https://bilselkongreleri.com/wp-content/uploads/7.-BILSEL-INTERNATIONAL-GORDION-SCIENCE-RESEARCHES-CONGRESS-BOOK.pdf
A Comparative Assessment of RC Structures Prior to and Following the 2023 Kahramanmaraş Earthquakes”	Işık, E.,	1st INTERNATIONAL CONFERENCE ON SMART SYSTEMS, DESIGN AND ENERGY November 28-29, 2025 Bitlis-Türkiye	2025	N/A	N/A
A Study on Comparative Analysis of RC Structures Before and After 2023 Kahramanmaraş Earthquakes	Işık, Ercan	20th International Scientific Conference CIBv – Civil Engineering and Building Services 2025	2025	N/A	https://cibv.unitbv.ro/plenary-lectures
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