

Title	Authors	Journal/Conference	Details	DOI	Available at
Comparison of Seismic and Structural Parameters of Settlements in the East Anatolian Fault Zone in Light of the 6 February Kahramanmaraş Earthquakes	İşik, Ercan; Hadzima- Nyarko, Marijana; Avcil, Fatih; Büyüksaraç, Aydın; 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	İşik, 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	İşik, Ercan; Avcil, Fatih; Hadzima- Nyarko, Marijana; İzol, Rabia; Büyüksaraç, Aydın; 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
Smart optimization of packing density for cleaner production of cementitious composites using mineral powders	Adrian Chajec; Sławomir Czarniecki; Łukasz Sadowski	Developments in the Built Environment	Vol. 19, Article 100532, October 2024	10.1016/j.dibe.2024.10 0532	https://doi.org/10.1016/j.dibe.2024. 100532
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/1944-1816/38 38
Risk Prioritization of RC Buildings in Bitlis (Türkiye) in the Light of the 2023 Kahramanmaraş Earthquakes	Ercan IŞIK; Mert Hamamcioğlu	Buildings	2025, 15(19), 3552;	https://doi.org/10.3390/buildings151935 52	https://www.mdpi.com/2075-5309/15/19/3552
Parameters in the rapid evaluation method in reinforced-concrete structures in the light of the 2023 Kahramanmaraş earthquakes	Ercan IŞIK	Earthquakes and Structures	Volume 29, Number 4, October 2025 , pages 269-283	https://doi.org/10.12989/eas.2025.29.4.269	https://www.tech-nopress.org/content/?page=article&journal=eas&volume=29&num=4&or dernum=3
A STUDY ON STRENGTHENING RC STRUCTURAL ELEMENTS WITH FIBERS- BASED POLYMERS	İşik, Ercan	Bitlis Eren Üniversitesi Fen Bilimleri Dergisi	Vol. 14, Issue 2, Article, 1269-1286 June-2025	https://doi.org/10.17798/bitlisfen.1675489	https://dergipark.org.tr/en/pub/bitlisfen/issue/92629/ 1675489
Numerical Analysis of Structural Behavior and Damage Mechanisms in Shear-Deficient Reinforced Concrete Columns Retrofitted with RC Jacketing	Avcil, F., Bilgin, H., Arkan, E., İşik, 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/pub/tdfd/issue/92961/1607611
Comparison of reinforcement methods with advanced materials for r/c columns	İşik, E., Hadzima-Nyarko, Marijana; Bassam A. Tayeh; Zouaoui Rabie Harrat; Fatih Avcil; Enes Arkan	Advanced Engineering Letters	Vol. 4, Issue 1, Article, 1- 13 March-2025	https://doi.org/10.46793/adeletters.2025.4.1.1	https://www.aedeletters.com/no-1-1- 2025/

Failures in Reinforced-Concrete Columns and Proposals for Reinforcement Solutions: Insights from the 2023 Kahramanmaraş Earthquakes	İşik E, Radu D, Harirchian E, Avcil F, Arkan E, Büyüksaraç A, Hadzima-Nyarko M.	Buildings	Vol. 15, Issue 9, Article, 1535 April-2025	https://doi.org/10.3390/buildings15091535	https://www.mdpi.com/2075-5309/15/9/1535
Seismic Performance of RC Structures in Pazarcik and Elbistan During the 2023 Kahramanmaraş Earthquakes	Avcil, Fatih; İşik, Ercan; Arkan, Enes; İzol, Rabia; Büyüksaraç, Aydin; Aydın, Mcihan; Ulu, Ali Emre	33rd International Conference on Organization and Technology of Maintenance (OTO 2024)	pp. 419-438, 2024, Cham: Springer Nature Switzerland	10.1007/978-3-031-80597-4_33	https://link.springer.com/chapter/10.1007/978-3-031-80597-4_33
Spectral Characteristics of Strong Ground Motion Time Series for Low to Medium Seismicity Regions with Deep Soil Atop Deep Geological Sediments	Lozančić, Silva; Bulajić, Borko Đ.; Pavić, Gordana; Bulajić, Ivana; Hadzima-Nyarko, Marijana	Engineering Proceedings	Vol. 68, No. 1, Article 32, 2024	10.3390/engproc2024068032	https://www.mdpi.com/2673-4591/68/1/32
Prediction of the Characteristics of Concrete Containing Crushed Brick Aggregate	Hadzima-Nyarko, Marijana; Kovačević, Miljan; Netinger Grubeša, Ivanka; Lozančić, Silva	Engineering Proceedings	Vol. 68, No. 1, Article 24, 2024	10.3390/engproc2024068024	https://www.mdpi.com/2673-4591/68/1/24
Seismic Vulnerability Assessment of Buildings in an Urban Area: A Case Study of Selected City Blocks in Osijek	Ereš, Antonija; Radić, Josip; Lozančić, Silva; Hadzima-Nyarko, Marijana	33rd International Conference on Organization and Technology of Maintenance (OTO 2024)	Lecture Notes in Networks and Systems, pp. 407 – 418, 2024, Cham: Springer Nature Switzerland	10.1007/978-3-031-80597-4_32	https://link.springer.com/chapter/10.1007/978-3-031-80597-4_32
Effects of the 2023 Destructive Türkiye Earthquakes on R/C Structures in Kahramanmaraş	İşik, Ercan	19th International Scientific Conference CIBv – Civil Engineering and Building Services 2024	Lecture Notes in Civil Engineering, vol 665, Springer, Cham, 2025	10.1007/978-3-031-94641-7_2	https://link.springer.com/chapter/10.1007/978-3-031-94641-7_2
Circular Economy in the Construction Sector: The Situation in Croatia	Držislav Vidaković, Marijana Hadzima-Nyarko, Laura Šoja	XIV International Conference on Industrial Engineering and Environmental Protection IIZS 2024	Proceedings of the International Conference on Industrial Engineering and Environmental Protection IIZS 2024, pp. 286 – 294	Doi: 10.46793/iizs24.286V	https://doi.ub.kg.ac.rs/doi/10-46793-iizs24-286v/
Assessment of Building Vulnerability Through Rapid Visual Screening Method: Case Study of Selected Street Blocks in Osijek	Josip Radić, Antonija Ereš, Držislav Vidaković, Marijana Hadzima-Nyarko	7th International Conference COMETA 2024 „Conference on Mechanical Engineering Technologies and Application“	Proceedings of the 7th International Conference COMETA 2024 „Conference on Mechanical Engineering Technologies and Application, ISBN 978-99976-085-2-9, pp. 536 – 542	N/A	https://cometa.ues.rs.ba/#
A machine learning approach for predicting the compressive strength of masonry walls: an artificial neural network model	Śławomir Czarnecki, A.D.R Troncoso García, E. K. Nyarko* Marijana Hadzima-Nyarko, Francisco Martínez-Álvarez	18th International Conference on Civil, Structural and Environmental Engineering Computing	2025	10.4203/ccc.10.5.4	https://www.ctresources.info/cc/paper.html?id=10569
Concrete mixture compressive strength estimation using interpretable tree-based machine learning models.	A.D.R Troncoso García, Śławomir Czarnecki, E. K. Nyarko, Marijana Hadzima-Nyarko, Francisco Martínez. Álvarez	18th International Conference on Civil, Structural and Environmental Engineering Computing	2025	10.4203/ccc.10.5.3	https://www.ctresources.info/cc/paper.html?id=10568