Onur Onat

List of Publications by Year
in descending order

19 papers	**206** citations	1478505 **6** h-index	1125743 **13** g-index
19 all docs	**19** docs citations	**19** times ranked	**107** citing authors

#	Article	IF	Citations
1	Earthquake Damage to Nonstructural Elements of Reinforced Concrete Buildings during 2011 Van Seismic Sequence. Journal of Performance of Constructed Facilities, 2019, 33, .	2.0	33
2	24 January 2020 Sivrice-ElazÄ±ÄŸ, Turkey earthquake: geotechnical evaluation and performance of structures. Bulletin of Earthquake Engineering, 2021, 19, 657-684.	4.1	32
3	Assessment of the combined inâ€plane and outâ€ofâ€plane behavior of brick infill walls within reinforced concrete frames under seismic loading. Earthquake Engineering and Structural Dynamics, 2018, 47, 2821-2839.	4.4	25
4	Failures of masonry dwelling triggered by East Anatolian Fault earthquakes in Turkey. Soil Dynamics and Earthquake Engineering, 2020, 133, 106126.	3.8	22
5	Earthquakes and Structural Damages. , 2017, , .		17
6	Seismicity of East Anatolian of Turkey and Failures of Infill Walls Induced by Major Earthquakes. Journal of Earthquake and Tsunami, 2021, 15, .	1.3	12
7	Impact of mechanical properties of historical masonry bridges on fundamental vibration frequency. Structures, 2020, 27, 1011-1028.	3.6	10
8	Experimental and numerical analysis of RC structure with two leaf cavity wall subjected to shake table. Structural Engineering and Mechanics, 2015, 55, 1037-1053.	1.0	8
9	An integral based fuzzy approach to evaluate waste materials for concrete. Smart Structures and Systems, 2017, 19, 323-333.	1.9	8
10	Effect of waste textile dye adsorbed almond shell on self compacting mortar. Construction and Building Materials, 2021, 300, 123978.	7.2	7
11	Mid-Temperature Thermal Effects on Properties of Mortar Produced with Waste Rubber as Fine Aggregate. International Journal of Pure and Applied Sciences, 0, , .	0.5	7
12	Elimination of a measurement problem: A robust prediction model for missing eigenvector value to assess earthquake induced out-of-plane failure of infill wall. Measurement: Journal of the International Measurement Confederation, 2019, 144, 88-104.	5.0	6
13	Nonlinear analysis of RC structure with massive infill wall exposed to shake table. Earthquake and Structures, 2016, 10, 811-828.	1.0	6
14	A novel prediction model for durability properties of concrete modified with steel fiber and Silica Fume by using Hybridized GRELM. Construction and Building Materials, 2022, 341, 127856.	7.2	6
15	Use of deterministic approach for calibration of a RC structure model with two-leaf cavity brick infill wall. Gradevinar, 2017, 69, 171-181.	0.2	4
16	Field reconnaissance and structural assessment of the October 30, 2020, Samos, Aegean Sea earthquake: an example of severe damage due to the basin effect. Natural Hazards, 2022, 112, 75-117.	3.4	2
17	Parametric nonlinear static analysis of a RC structure with TLCW exposed to bidirectional earthquake load by using different modelling methodologies. Journal of Building Engineering, 2021, 44, 103395.	3.4	1
18	INCREMENTAL DYNAMIC ANALYSIS OF MID-RISE RC BUILDINGS TO ASSESS EFFECT OF CONCRETE STRENGTH AND TENSION REINFORCEMENT RATIO IN BEAM. UludaÄŸ University Journal of the Faculty of Engineering, 0, , 283-300.	0.2	0

#	Article	IF	Citations
19	A novel inter-story drift limit proposal for TBEC2018 and fragility prognosis with TSC2007. Journal of Structural Engineering & Applied Mechanics, 2021, 4, 68-82.	0.3	0