Naci Caglar

List of Publications by Year
in descending order

24 papers	557 citations	687363 13 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	538 citing authors

#	Article	IF	Citations
1	Comparison of discrete-time sliding mode control algorithms for seismic control of buildings with magnetorheological fluid dampers. JVC/Journal of Vibration and Control, 2023, 29, 1752-1765.	2.6	2
2	Response of nonconforming RC shear walls with smooth bars under quasi-static cyclic loading. Bulletin of Earthquake Engineering, 2022, 20, 6683-6704.	4.1	3
3	Experimental study on hysteric behavior of composite shear walls with steel sheets. Journal of Building Engineering, 2021, 33, 101570.	3.4	16
4	Numerical study on the response of composite shear walls with steel sheets under cyclic loading. Journal of Building Engineering, 2021, 34, 102069.	3.4	9
5	Residual load bearing capacity and failure mechanism of impacted high-strength reinforced concrete shear beams. Engineering Failure Analysis, 2021, 121, 105185.	4.0	16
6	Basement-Storey Effect on the Seismic Response of RC Buildings on Soft Surface Soil. Arabian Journal for Science and Engineering, 2021, 46, 11291-11302.	3.0	3
7	A comparative evaluation of semi-active control algorithms for real-time seismic protection of buildings via magnetorheological fluid dampers. Journal of Building Engineering, 2021, 42, 102795.	3.4	16
8	Effect of impact loading on residual flexural capacity of high-strength reinforced concrete beams. Structures, 2020, 27, 2466-2480.	3.6	16
9	Parameters affecting diagonal cracking behavior of reinforced concrete deep beams. Engineering Structures, 2019, 184, 217-231.	5.3	34
10	Nonlinear finite element study on the improvement of shear capacity in reinforced concrete T-Section beams by an alternative diagonal shear reinforcement. Engineering Structures, 2016, 120, 158-165.	5.3	45
11	A simple formulation for effective flexural stiffness of circular reinforced concrete columns. Engineering Applications of Artificial Intelligence, 2015, 38, 79-87.	8.1	18
12	A new approach to determine the moment-curvature relationship of circular reinforced concrete columns. Computers and Concrete, 2015, 15, 321-335.	0.7	6
13	October 23, 2011 Turkey/Vanâ€"Ercis earthquake: structural damages in the residential buildings. Natural Hazards, 2013, 65, 2287-2310.	3.4	19
14	Neural network based model for seismic assessment of existing RC buildings. Computers and Concrete, 2013, 12, 229-242.	0.7	9
15	Development of artificial neural network for prediction of salt recovery by nanofiltration from textile industry wastewaters. Desalination and Water Treatment, 2012, 50, 317-328.	1.0	10
16	A new approach to determine the base shear of steel frame structures. Journal of Constructional Steel Research, 2009, 65, 188-195.	3.9	13
17	Neural network based approach for determining the shear strength of circular reinforced concrete columns. Construction and Building Materials, 2009, 23, 3225-3232.	7.2	51
18	Failure analysis of reinforced concrete frames with short column effect. Computers and Concrete, 2009, 6, 403-419.	0.7	5

#	Article	IF	Citations
19	Dynamic soil–structure interaction analysis of buildings by neural networks. Construction and Building Materials, 2008, 22, 330-342.	7.2	25
20	Neural networks in 3-dimensional dynamic analysis of reinforced concrete buildings. Construction and Building Materials, 2008, 22, 788-800.	7.2	41
21	A parametric study for distortional buckling stress on cold-formed steel using a neural network. Journal of Constructional Steel Research, 2007, 63, 686-691.	3.9	26
22	The applicability of neural networks in the determination of soil profiles. Bulletin of Engineering Geology and the Environment, 2007, 66, 295-301.	3.5	24
23	Forecasting based on neural network approach of solar potential in Turkey. Renewable Energy, 2005, 30, 1075-1090.	8.9	150
24	Design of a Short Tensile Coupon for Fiber Reinforced Plastic Using Artificial Neural Networks. Science and Engineering of Composite Materials, 2005, 12, 261-272.	1.4	0