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## Neural Network for Creep and Shrinkage Deflections in Reinforced Concrete Frames

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Journal of Computing in Civil Engineering, 2004, 18, 350-359.

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#	Paper	IF	Citations
17	Bending Moment Prediction for Continuous Composite Beams by Neural Networks. <i>Advances in Structural Engineering</i> , <b>2007</b> , 10, 439-454	1.9	14
16	Neural network for bending moment in continuous composite beams considering cracking and time effects in concrete. <i>Engineering Structures</i> , <b>2007</b> , 29, 2069-2079	4.7	20
15	Parameters affecting the fundamental period of RC buildings with infill walls. <i>Engineering Structures</i> , <b>2009</b> , 31, 93-102	4.7	72
14	A neural network based methodology to predict site-specific spectral acceleration values. <i>Earthquake Engineering and Engineering Vibration</i> , <b>2010</b> , 9, 459-472	2	9
13	Neural network-based methodology for inter-arrival times of earthquakes. <i>Natural Hazards</i> , <b>2012</b> , 64, 1291-1303	3	5
12	Genetic programming for predicting aseismic abilities of school buildings. <i>Engineering Applications of Artificial Intelligence</i> , <b>2012</b> , 25, 1103-1113	7.2	11
11	A new heuristic algorithm for mix design of high-performance concrete. <i>KSCE Journal of Civil Engineering</i> , <b>2012</b> , 16, 974-979	1.9	12
10	An apt material model for drying shrinkage and specific creep of HPC using artificial neural network. <i>Structural Engineering and Mechanics</i> , <b>2014</b> , 52, 97-113		5
9	Explicit expression for effective moment of inertia of RC beams. <i>Latin American Journal of Solids and Structures</i> , <b>2015</b> , 12, 542-560	1.4	12
8	ANN-based Methodology to Determine Dynamic to Static Eccentricity Ratio of Torsionally Coupled Buildings for Site-Specific Earthquakes. <i>Journal of Earthquake Engineering</i> , <b>2015</b> , 19, 107-136	1.8	1
7	Prediction of expansion behavior of self-stressing concrete by artificial neural networks and fuzzy inference systems. <i>Construction and Building Materials</i> , <b>2015</b> , 84, 184-191	6.7	25
6	Time dependent strain development of early age concrete under step-by-step load history. <i>Construction and Building Materials</i> , <b>2015</b> , 86, 133-139	6.7	12
5	Time-Dependent Buckling Analysis of Concrete-Filled Steel Tubular Arch with Interval Viscoelastic Effects. <i>Journal of Structural Engineering</i> , <b>2017</b> , 143, 04017055	3	11
4	A new proposed approach for moment capacity estimation of ferrocement members using Group Method of Data Handling. <b>2020</b> , 23, 382-391		11
3	Reappraisal of methods for calculating flexural capacity of reinforced concrete members. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , <b>2020</b> , 173, 279-290	0.9	4
2	Neural networks for inelastic mid-span deflections in continuous composite beams. <i>Structural Engineering and Mechanics</i> , <b>2010</b> , 36, 165-179		10
1	Machine learning for structural engineering: A state-of-the-art review. <i>Structures</i> , <b>2022</b> , 38, 448-491	3.4	12

