Aram Soroushian

List of Publications by Year
in descending order

21 papers	173 citations	1478505 6 h-index	1281871 11 g-index
25 all docs	25 docs citations	25 times ranked	52 citing authors

#	Article	IF	Citations
1	Simultaneous Reduction in Time and Space for Dynamic Finite Element Models of Beam–Column Assemblies. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2021, 45, 1265-1279.	1.9	0
2	Failure analysis of a natural gas pipeline subjected to landslide. Engineering Failure Analysis, 2021, 119, 105009.	4.0	42
3	Efficient Static Analysis of Assemblies of Beam-Columns Subjected to Continuous Loadings Available as Digitized Records. Frontiers in Built Environment, 2019, 4, .	2.3	4
4	A CLASS OF SYNCHRONIZED NONLINEAR TWO-DOF SYSTEMS WITH CLOSED FORM SOLUTION. Scientia Iranica, 2018, .	0.4	0
5	Integration Step Size and Its Adequate Selection in Analysis of Structural Systems Against Earthquakes. Computational Methods in Applied Sciences (Springer), 2017, , 285-328.	0.3	9
6	ON THE PERFORMANCE OF A COMPUTATIONAL COST REDUCTION TECHNIQUE APPLIED TO COOLING TOWERS TRANSIENT ANALYSIS. , 2016, , .		2
7	ON THE FREQUENCY CONTENT OF ERRORS ORIGINATED IN A TIME INTEGRATION COMPUTATIONAL COST REDUCTION TECHNIQUE. , 2016, , .		1
8	FROM THE NOTIONS OF NONLINEARITY TOLERANCES TOWARDS A DEFICIENCY IN COMMERCIAL TRANSIENT ANALYSIS SOFTWARES AND ITS SOLUTION. , 2015, , .		3
9	MORE VERSATILITY FOR AN INTEGRATION-STEP-SIZE-ENLARGEMENT TECHNIQUE IN TIME INTEGRATION ANALYSIS. , 2014, , .		3
10	ON THE PERFORMANCE OF A STRUCTURAL ANALYSIS COST REDUCTION TECHNIQUE WHEN APPLIED TO RESIDENTIAL BUILDINGS. , 2014, , .		3
11	Practical Integration of Semidiscretized Nonlinear Equations of Motion: Proper Convergence for Systems with Piecewise Linear Behavior. Journal of Engineering Mechanics - ASCE, 2013, 139, 114-145.	2.9	5
12	On Practical Performance of a Technique for More Efficient Dynamic Analysis in View of Real Seismic Analysis of Bridge Structures. Computational Methods in Applied Sciences (Springer), 2013, , 613-634.	0.3	0
13	Asymptotic upper bounds for the errors of Richardson extrapolation with practical application in approximate computations. International Journal for Numerical Methods in Engineering, 2009, 80, 565-595.	2.8	15
14	Dynamic Assessment of Constrained Rigid Equipments. Journal of Applied Sciences, 2009, 9, 2362-2371.	0.3	3
15	A technique for time integration analysis with steps larger than the excitation steps. Communications in Numerical Methods in Engineering, 2008, 24, 2087-2111.	1.3	19
16	A unified starting procedure for the Houbolt method. Communications in Numerical Methods in Engineering, 2006, 24, 1-13.	1.3	24
17	On practical integration of semi-discretized nonlinear equations of motion. Part 1: reasons for probable instability and improper convergence. Journal of Sound and Vibration, 2005, 284, 705-731.	3.9	12
18	Responses' Convergence for Time Integration of Highly Nonlinear Dynamic Models. , 2004, , .		2

#	Article	IF	Citations
19	More reliable responses for time integration analyses. Structural Engineering and Mechanics, 2003, 16, 219-240.	1.0	12
20	Development of Seismic Fragility Functions for Typical Iranian Multi-Span RC Bridges with Deficient Cap Beamâ€"Column Joints. International Journal of Civil Engineering, 0, , 1.	2.0	4
21	Performance of a Time Integration Acceleration Technique Applied to Seismic Analysis of Non-classically Damped Structural Dynamics. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 0, , 1.	1.9	2