

# Aram Soroushian

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Failure analysis of a natural gas pipeline subjected to landslide. <i>Engineering Failure Analysis</i> , 2021, 119, 105009.	4.0	42
2	A unified starting procedure for the Houbolt method. <i>Communications in Numerical Methods in Engineering</i> , 2006, 24, 1-13.	1.3	24
3	A technique for time integration analysis with steps larger than the excitation steps. <i>Communications in Numerical Methods in Engineering</i> , 2008, 24, 2087-2111.	1.3	19
4	Asymptotic upper bounds for the errors of Richardson extrapolation with practical application in approximate computations. <i>International Journal for Numerical Methods in Engineering</i> , 2009, 80, 565-595.	2.8	15
5	On practical integration of semi-discretized nonlinear equations of motion. Part 1: reasons for probable instability and improper convergence. <i>Journal of Sound and Vibration</i> , 2005, 284, 705-731.	3.9	12
6	More reliable responses for time integration analyses. <i>Structural Engineering and Mechanics</i> , 2003, 16, 219-240.	1.0	12
7	Integration Step Size and Its Adequate Selection in Analysis of Structural Systems Against Earthquakes. <i>Computational Methods in Applied Sciences</i> (Springer), 2017, , 285-328.	0.3	9
8	Practical Integration of Semidiscretized Nonlinear Equations of Motion: Proper Convergence for Systems with Piecewise Linear Behavior. <i>Journal of Engineering Mechanics - ASCE</i> , 2013, 139, 114-145.	2.9	5
9	Efficient Static Analysis of Assemblies of Beam-Columns Subjected to Continuous Loadings Available as Digitized Records. <i>Frontiers in Built Environment</i> , 2019, 4, .	2.3	4
10	Development of Seismic Fragility Functions for Typical Iranian Multi-Span RC Bridges with Deficient Cap Beam-Column Joints. <i>International Journal of Civil Engineering</i> , 0, , 1.	2.0	4
11	MORE VERSATILITY FOR AN INTEGRATION-STEP-SIZE-ENLARGEMENT TECHNIQUE IN TIME INTEGRATION ANALYSIS. , 2014, , .		3
12	ON THE PERFORMANCE OF A STRUCTURAL ANALYSIS COST REDUCTION TECHNIQUE WHEN APPLIED TO RESIDENTIAL BUILDINGS. , 2014, , .		3
13	FROM THE NOTIONS OF NONLINEARITY TOLERANCES TOWARDS A DEFICIENCY IN COMMERCIAL TRANSIENT ANALYSIS SOFTWARES AND ITS SOLUTION. , 2015, , .		3
14	Dynamic Assessment of Constrained Rigid Equipments. <i>Journal of Applied Sciences</i> , 2009, 9, 2362-2371.	0.3	3
15	Responses' Convergence for Time Integration of Highly Nonlinear Dynamic Models. , 2004, , .		2
16	Performance of a Time Integration Acceleration Technique Applied to Seismic Analysis of Non-classically Damped Structural Dynamics. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 0, , 1.	1.9	2
17	ON THE PERFORMANCE OF A COMPUTATIONAL COST REDUCTION TECHNIQUE APPLIED TO COOLING TOWERS TRANSIENT ANALYSIS. , 2016, , .		2
18	ON THE FREQUENCY CONTENT OF ERRORS ORIGINATED IN A TIME INTEGRATION COMPUTATIONAL COST REDUCTION TECHNIQUE. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	A CLASS OF SYNCHRONIZED NONLINEAR TWO-DOF SYSTEMS WITH CLOSED FORM SOLUTION. Scientia Iranica, 2018, .	0.4	0