

Christos Mourlas

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

106
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1478505

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1588992

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12
docs citations

12
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate and computationally efficient nonlinear static and dynamic analysis of reinforced concrete structures considering damage factors. <i>Engineering Structures</i> , 2019, 178, 258-285.	5.3	25
2	A computationally efficient model for the cyclic behavior of reinforced concrete structural members. <i>Engineering Structures</i> , 2017, 141, 97-125.	5.3	23
3	New fundamental period formulae for soil-reinforced concrete structures interaction using machine learning algorithms and ANNs. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 144, 106656.	3.8	16
4	Simplified HYMOD non-linear simulations of a full-scale multistory retrofitted RC structure that undergoes multiple cyclic excitations – An infill RC wall retrofitting study. <i>Engineering Structures</i> , 2018, 176, 892-916.	5.3	11
5	Effect of Soil-Structure Interaction on Nonlinear Dynamic Response of Reinforced Concrete Structures. <i>International Journal of Structural Stability and Dynamics</i> , 2020, 20, 2041013.	2.4	8
6	A new damage factor for seismic assessment of deficient bare and FRP-retrofitted RC structures. <i>Engineering Structures</i> , 2021, 248, 113152.	5.3	8
7	Computationally Efficient and Robust Nonlinear 3D Cyclic Modeling of RC Structures Through a Hybrid Finite Element Model (HYMOD). <i>International Journal of Computational Methods</i> , 2019, 16, 1850125.	1.3	6
8	3D nonlinear constitutive modeling for dynamic analysis of reinforced concrete structural members. <i>Procedia Engineering</i> , 2017, 199, 729-734.	1.2	3
9	NUMERICAL PERFORMANCE OF A NEW ALGORITHM FOR PERFORMING MODAL ANALYSIS OF FULL-SCALE REINFORCED CONCRETE STRUCTURES THAT ARE DISCRETIZED WITH THE HYMOD APPROACH. , 2019, , .		2
10	3D DETAILED MODELING OF REINFORCED CONCRETE FRAMES CONSIDERING ACCUMULATED DAMAGE DURING STATIC CYCLIC AND DYNAMIC ANALYSIS – NEW VALIDATION CASE STUDIES. , 2019, , .		2
11	SEISMIC ASSESSMENT OF A 5-STORY RETROFITTED RC BUILDING. , 2016, , .		1
12	CYCLIC NONLINEAR MODELING OF SEVERELY DAMAGED AND RETROFITTED REINFORCED CONCRETE STRUCTURES. , 2019, , .		1