

Christos Mourlas

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

106
citations

1478505

6
h-index

1588992

8
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12
all docs

12
docs citations

12
times ranked

46
citing authors

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