

Thomas Tc Hsu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5576505/publications.pdf>

Version: 2024-02-01

19
papers

498
citations

1039406

9
h-index

940134

16
g-index

20
all docs

20
docs citations

20
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear finite element analysis of concrete structures using new constitutive models. Computers and Structures, 2001, 79, 2781-2791.	2.4	159
2	A softened membrane model for torsion in reinforced concrete members. Engineering Structures, 2009, 31, 1944-1954.	2.6	111
3	Seismic simulation of RC wall-type structures. Engineering Structures, 2008, 30, 3167-3175.	2.6	49
4	Image analysis method for crack distribution and width estimation for reinforced concrete structures. Automation in Construction, 2018, 91, 120-132.	4.8	44
5	Development of CSMM-based shell element for reinforced concrete structures. Engineering Structures, 2017, 132, 778-790.	2.6	40
6	Unified approach to shear analysis and design. Cement and Concrete Composites, 1998, 20, 419-435.	4.6	27
7	Fiber-reinforced concrete under biaxial compression. Engineering Fracture Mechanics, 1990, 35, 261-268.	2.0	12
8	Unified theory of reinforced concrete-A summary. Structural Engineering and Mechanics, 1994, 2, 1-16.	1.0	12
9	Multiscale analysis of non-contact splices at drilled shaft to bridge column interface. Engineering Structures, 2018, 176, 28-40.	2.6	11
10	Seismic performance of reinforced engineered cementitious composite shear walls. Earthquake and Structures, 2014, 7, 691-704.	1.0	9
11	FE simulation of cylindrical RC containment structures under reserved cyclic loading. Engineering Structures, 2019, 179, 255-267.	2.6	7
12	Performance of non-contact lap splices in geometrically dissimilar bridge column to drilled shaft connections. Engineering Structures, 2020, 209, 110000.	2.6	7
13	Parametric study on the non-contact splices at drilled shaft to bridge column interface based on multiscale modeling approach. Engineering Structures, 2019, 180, 400-418.	2.6	6
14	Concrete stiffness matrices for membrane elements. Structural Engineering and Mechanics, 1997, 5, 599-608.	1.0	2
15	Constitutive models of concrete structures subjected to seismic shear. Earthquake and Structures, 2014, 7, 627-645.	1.0	1
16	High-fidelity finite element simulation of non-contact splices in column-drilled shaft connections. Engineering Structures, 2021, 239, 112186.	2.6	1
17	Detection of dermal systemic sclerosis using noncontact optical coherence elastography. , 2016, , .		0
18	Single shot line-field optical coherence elastography. Proceedings of SPIE, 2016, , .	0.8	0

#	ARTICLE	IF	CITATIONS
19	Combined optical coherence tomography and optical coherence elastography for glomerulonephritis classification. , 2016, ,		0