

Jun Dai

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

295
citations

1163117

8
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid seismic isolation of vertical pressure vessels in CO2 capture plant. Structures, 2022, 39, 17-28.	3.6	3
2	Robust control of vortex-induced vibration in flexible bridges using an active tuned mass damper. Structural Control and Health Monitoring, 2022, 29, .	4.0	8
3	A reduced-order improved rational polynomial method for viscoelastically damped structures considering ambient temperature effect. Soil Dynamics and Earthquake Engineering, 2022, 159, 107315.	3.8	3
4	Seismic performance of viscoelastically damped structures at different ambient temperatures. JVC/Journal of Vibration and Control, 2021, 27, 2819-2834.	2.6	6
5	Optimal design of tuned mass damper inerter with a Maxwell element for mitigating the vortex-induced vibration in bridges. Mechanical Systems and Signal Processing, 2021, 148, 107180.	8.0	73
6	Mitigation of Vortex-Induced Vibration in Bridges Using Semiactive Tuned Mass Dampers. Journal of Bridge Engineering, 2021, 26, .	2.9	12
7	Investigating Coupled Train-Bridge-Bearing System Under Earthquake- and Train-Induced Excitations. Journal of Vibration and Acoustics, Transactions of the ASME, 2021, 143, .	1.6	7
8	Effect of frequency dependence of large mass ratio viscoelastic tuned mass damper on seismic performance of structures. Soil Dynamics and Earthquake Engineering, 2020, 130, 105998.	3.8	20
9	Parameter determination of the tuned mass damper mitigating the vortex-induced vibration in bridges. Engineering Structures, 2020, 221, 111084.	5.3	26
10	Gradient Chain Structure Model for Characterizing Frequency Dependence of Viscoelastic Materials. Journal of Engineering Mechanics - ASCE, 2020, 146, .	2.9	8
11	Tuned mass-damper-inerter control of wind-induced vibration of flexible structures based on inerter location. Engineering Structures, 2019, 199, 109585.	5.3	89
12	Parameters Design of TMD Mitigating Vortex-Induced Vibration of the Hong Kong-Zhuhai-Macao Bridge Deep-Water Nonnavigable Bridge. Journal of Bridge Engineering, 2019, 24, .	2.9	25
13	Dynamic analysis of viscoelastic tuned mass damper system under harmonic excitation. JVC/Journal of Vibration and Control, 2019, 25, 1768-1779.	2.6	15