

Jun Dai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11659142/publications.pdf>

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