

# Amir K Ghorbani-Tanha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5594127/publications.pdf>

Version: 2024-02-01

12  
papers

184  
citations

1307594

7  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

177  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitigation of wind-induced motion of Milad Tower by tuned mass damper. <i>Structural Design of Tall and Special Buildings</i> , 2009, 18, 371-385.	1.9	49
2	Impedance Functions for Surface Rigid Rectangular Foundations on Transversely Isotropic Multilayer Half-Spaces. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2013, 80, .	2.2	28
3	The Reissner-Sagoci problem for a transversely isotropic half-space. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2006, 30, 1063-1074.	3.3	25
4	Application of artificial neural networks in optimal tuning of tuned mass dampers implemented in high-rise buildings subjected to wind load. <i>Earthquake Engineering and Engineering Vibration</i> , 2018, 17, 903-915.	2.3	23
5	Optimum placement and characteristics of velocity-dependent dampers under seismic excitation. <i>Earthquake Engineering and Engineering Vibration</i> , 2012, 11, 403-414.	2.3	18
6	Innovative Mobile TMD System for Semi-active Vibration Control of Inclined Sagged Cables. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 641-653.	1.9	12
7	Semi-active fuzzy control of Lali Cable-Stayed Bridge using MR dampers under seismic excitation. <i>Frontiers of Structural and Civil Engineering</i> , 2020, 14, 706-721.	2.9	12
8	An innovative adaptive tuned vibration absorber with variable mass moment of inertia for mitigation of transient response of systems. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2518.	4.0	7
9	Obtaining mass normalized mode shapes of motorway bridges based on the effect of traffic movement. <i>Structures</i> , 2021, 33, 2253-2263.	3.6	6
10	Generalization of Duhamel's integral to multi-degree-of-freedom systems. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2022, 478, .	2.1	2
11	An innovative semi-active pendulum tuned mass damper and its application in vibration control. <i>JVC/Journal of Vibration and Control</i> , 0, , 107754632110709.	2.6	2
12	Closure to "Discussion on Optimum placement and characteristics of velocity-dependent dampers under seismic excitation" by SA Mousavi and AK Ghorbani-Tanha by Izuru Takewaki. <i>Earthquake Engineering and Engineering Vibration</i> , 2013, 12, 681-682.	2.3	0