

# Amir K Ghorbani-Tanha

## List of Publications by Year in descending order

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12  
papers

184  
citations

1307594

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h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

177  
citing authors

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