

Arash Raeesi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

102
citations

1478505

6
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerodynamic damping of an inclined circular cylinder in unsteady flow and its application to the prediction of dry inclined cable galloping. Journal of Wind Engineering and Industrial Aerodynamics, 2013, 113, 12-28.	3.9	19
2	An investigation of the mechanisms causing large-amplitude wind-induced vibrations in stay cables using unsteady surface pressure measurements. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 183, 19-34.	3.9	17
3	A two-degree-of-freedom aeroelastic model for the vibration of dry cylindrical body along unsteady air flow and its application to aerodynamic response of dry inclined cables. Journal of Wind Engineering and Industrial Aerodynamics, 2014, 130, 108-124.	3.9	14
4	Failure analysis of steel silos subject to wind load. Engineering Failure Analysis, 2017, 79, 749-761.	4.0	13
5	Behavior of a Large Steel Field Silo Structure Subject to Grain Loading. Journal of Performance of Constructed Facilities, 2017, 31, .	2.0	9
6	Application of a three-dimensional aeroelastic model to study the wind-induced response of bridge stay cables in unsteady wind conditions. Journal of Sound and Vibration, 2016, 375, 217-236.	3.9	6
7	Effect of cable surface characteristics and flow turbulence on the aerodynamic behaviour of stay cables in dry conditions. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 207, 104414.	3.9	6
8	Aerodynamic characteristics of generic ice shells. Journal of Wind Engineering and Industrial Aerodynamics, 2019, 184, 49-60.	3.9	4
9	Spatial flow structure around a smooth circular cylinder in the critical Reynolds number regime under cross-flow condition. Wind and Structures, an International Journal, 2008, 11, 221-240.	0.8	4
10	A new large-scale dynamic rig to evaluate rain-wind induced vibrations on stay cables: Design and commissioning. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 206, 104334.	3.9	3
11	Effect of cable surface geometry and ice accretion shapes on the aerodynamic behaviour of inclined stay cables. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 216, 104710.	3.9	3
12	Investigation of Drag Reduction Technologies for Light-Duty Vehicles Using Surface, Wake and Underbody Pressure Measurements to Complement Aerodynamic Drag Measurements. , 2019, 1, 1233-1250.		3
13	New Results from the Evaluation of Drag Reduction Technologies for Light-Duty Vehicles. , 0, , .		1