

# Arash Raeesi

## List of Publications by Year in descending order

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13  
papers

102  
citations

1478505

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1372567

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all docs

13  
docs citations

13  
times ranked

89  
citing authors

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