Haitham Aboshosha

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11225174/publications.pdf

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18	537	840776 11	996975 15
papers	citations	h-index	g-index

18	18	18	294
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Consistent inflow turbulence generator for LES evaluation of wind-induced responses for tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 142, 198-216.	3.9	127
2	LES evaluation of wind-induced responses for an isolated and a surrounded tall building. Engineering Structures, 2016, 115, 179-195.	5.3	84
3	Review on dynamic and quasi-static buffeting response of transmission lines under synoptic and non-synoptic winds. Engineering Structures, 2016, 112, 23-46.	5.3	67
4	Aero-elastic testing of multi-spanned transmission line subjected to downbursts. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 169, 194-216.	3.9	59
5	Turbulence characterization of downbursts using LES. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 136, 44-61.	3.9	58
6	Engineering method for estimating the reactions of transmission line conductors under downburst winds. Engineering Structures, 2015, 99, 272-284.	5.3	27
7	Effective technique to analyze transmission line conductors under high intensity winds. Wind and Structures, an International Journal, 2014, 18, 235-252.	0.8	22
8	Dynamic response of transmission line conductors under downburst and synoptic winds. Wind and Structures, an International Journal, 2015, 21, 241-272.	0.8	22
9	Designing a blade-system to generate downburst outflows at boundary layer wind tunnel. Journal of Wind Engineering and Industrial Aerodynamics, 2019, 186, 169-191.	3.9	20
10	Real-time Wind Predictions for Safe Drone Flights in Toronto. Results in Engineering, 2022, 15, 100534.	5.1	14
11	LES of ABL flow in the built-environment using roughness modeled by fractal surfaces. Sustainable Cities and Society, 2015, 19, 46-60.	10.4	13
12	Span Reduction Factor of Transmission Line Conductors Under Downburst Winds. , 2013, , .		5
13	Capacity of Electrical Transmission Towers Under Downburst Loading. , 2012, , .		5
14	Thunderstorm wind load evaluation on storm shelters using wind tunnel testing. Engineering Structures, 2022, 262, 114350.	5.3	5
15	Designing a multi-purpose wind tunnel suitable for limited spaces. Results in Engineering, 2022, 14, 100458.	5.1	4
16	Run-Time and Statistical Pedestrian Level Wind Map for Downtown Toronto. Frontiers in Built Environment, 2021, 7, .	2.3	3
17	Evaluation of Peak Transmission Line Conductor Reactions Under Downburst Winds Using Optimization and Simplified Approaches. Frontiers in Built Environment, 2019, 5, .	2.3	1
18	Dynamic behaviour of pre-stressed concrete transmission poles under synoptic wind loading. Advances in Structural Engineering, 0, , 136943322110220.	2.4	1