

Frederik Vanhollebeke

List of Publications by Year in descending order

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10
papers

349
citations

1478505

6
h-index

1872680

6
g-index

11
all docs

11
docs citations

11
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Multibody modelling of varying complexity for modal behaviour analysis of wind turbine gearboxes. Renewable Energy, 2011, 36, 3098-3113.	8.9	120
2	Operational Modal Analysis for Estimating the Dynamic Properties of a Stadium Structure during a Football Game. Shock and Vibration, 2007, 14, 283-303.	0.6	106
3	Insights in wind turbine drive train dynamics gathered by validating advanced models on a newly developed 13.2MW dynamically controlled test-rig. Mechatronics, 2011, 21, 737-752.	3.3	58
4	The dynamic behavior induced by different wind turbine gearbox suspension methods assessed by means of the flexible multibody technique. Renewable Energy, 2014, 69, 336-346.	8.9	31
5	Assessment of excitation mechanisms and structural flexibility influence in excitation propagation in multi-megawatt wind turbine gearboxes: Experiments and flexible multibody model optimization. Mechanical Systems and Signal Processing, 2013, 40, 114-135.	8.0	23
6	Large Scale Validation of a Flexible Multibody Wind Turbine Gearbox Model. Journal of Computational and Nonlinear Dynamics, 2015, 10, .	1.2	11
7	How the upscaling trend in wind turbine design affects dynamic behaviour of the drive train. , 2012, , .		0
8	The Dynamic Behavior Induced by Different Wind Turbine Gearbox Suspension Methods Assessed by Means of the Flexible Multibody Technique. , 2012, , .		0
9	Dynamic Response of a Multi-Megawatt Wind Turbine Drivetrain Under Voltage Dips Using a Coupled Flexible Multibody Approach. , 2013, , .		0
10	Rated Life Calculation Potential of Gearbox Model Based Force Estimates. Conference Proceedings of the Society for Experimental Mechanics, 2014, , 23-29.	0.5	0