

# 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	Large Scale Validation of a Flexible Multibody Wind Turbine Gearbox Model. Journal of Computational and Nonlinear Dynamics, 2015, 10, .	1.2	11
2	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
3	Rated Life Calculation Potential of Gearbox Model Based Force Estimates. Conference Proceedings of the Society for Experimental Mechanics, 2014, , 23-29.	0.5	0
4	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
5	Dynamic Response of a Multi-Megawatt Wind Turbine Drivetrain Under Voltage Dips Using a Coupled Flexible Multibody Approach. , 2013, , .		0
6	How the upscaling trend in wind turbine design affects dynamic behaviour of the drive train. , 2012, , .		0
7	The Dynamic Behavior Induced by Different Wind Turbine Gearbox Suspension Methods Assessed by Means of the Flexible Multibody Technique. , 2012, , .		0
8	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
9	Multibody modelling of varying complexity for modal behaviour analysis of wind turbine gearboxes. Renewable Energy, 2011, 36, 3098-3113.	8.9	120
10	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