Theodore P Philippidis

List of Publications by Year
in descending order

18	471	840776 11	940533 16
papers	citations	h-index	g-index

18	18	18	346
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Statistical extrapolation methods for estimating extreme loads on wind turbine blades under turbulent wind conditions and stochastic material properties. Wind Engineering, 2021, 45, 921-938.	1.9	2
2	Modeling the progressive failure of scarf joints for wind turbine blade repair. Journal of Composite Materials, 2018, 52, 2243-2254.	2.4	3
3	A three-dimensional progressive damage FE model for GFRP composites under monotonic loading. Composites Science and Technology, 2016, 123, 79-91.	7.8	16
4	Estimating design reliability of composite rotor blades under ultimate loading. Wind Energy, 2015, 18, 783-796.	4.2	6
5	Progressive damage modeling of adhesively bonded lap joints. International Journal of Adhesion and Adhesives, 2015, 59, 53-61.	2.9	11
6	A progressive damage FEA model for glass/epoxy shell structures. Journal of Composite Materials, 2013, 47, 623-637.	2.4	23
7	A probabilistic approach for strength and stability evaluation of wind turbine rotor blades in ultimate loading. Structural Safety, 2013, 40, 31-38.	5.3	16
8	A progressive damage simulation algorithm for GFRP composites under cyclic loading. Part II: FE implementation and model validation. Composites Science and Technology, 2011, 71, 750-757.	7.8	39
9	A progressive damage simulation algorithm for GFRP composites under cyclic loading. Part I: Material constitutive model. Composites Science and Technology, 2011, 71, 742-749.	7.8	39
10	Mechanical behavior of glass/epoxy tubes under combined static loading. Part II: Validation of FEA progressive damage model. Composites Science and Technology, 2009, 69, 2248-2255.	7.8	19
11	Mechanical behavior of glass/epoxy tubes under combined static loading. Part I: Experimental. Composites Science and Technology, 2009, 69, 2241-2247.	7.8	17
12	Using acoustic emission to assess shear strength degradation in FRP composites due to constant and variable amplitude fatigue loading. Composites Science and Technology, 2008, 68, 840-847.	7.8	54
13	Strength degradation due to fatigue-induced matrix cracking in FRP composites: An acoustic emission predictive model. Composites Science and Technology, 2008, 68, 3272-3277.	7.8	26
14	Stress Wave Scattering: Friend or Enemy of Non Destructive Testing of Concrete?. Journal of Solid Mechanics and Materials Engineering, 2008, 2, 397-408.	0.5	6
15	OS3-5-1 Stress wave scattering: an enemy or a friend of concrete non destructive testing?. The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2007, 2007.6, _OS3-5-1-1-_OS3-5-1-7.	0.0	0
16	Life prediction methodology for GFRP laminates under spectrum loading. Composites Part A: Applied Science and Manufacturing, 2004, 35, 657-666.	7.6	99
17	Complex stress state effect on fatigue life of GRP laminates.part I, experimental. International Journal of Fatigue, 2002, 24, 813-823.	5.7	93
18	Polymer Composites. , 0, , 1-63.		2