Peyman Poozesh

List of Publications by Year
in descending order

17 papers	1,057 citations	687363 13 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	756 citing authors

#	Article	IF	Citations
1	Multicamera measurement system to evaluate the dynamic response of utilityâ€scale wind turbine blades. Wind Energy, 2020, 23, 1619-1639.	4.2	30
2	Vibration analysis of healthy skin: toward a noninvasive skin diagnosis methodology. Journal of Biomedical Optics, 2019, 24, 1.	2.6	37
3	Vibration-based damage detection in wind turbine blades using Phase-based Motion Estimation and motion magnification. Journal of Sound and Vibration, 2018, 421, 300-318.	3.9	181
4	Digital image-stitching techniques applied to dynamic measurement of large structures. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	3
5	Applying video magnification for vision-based operating deflection shape evaluation on a wind turbine blade cross-section. , 2018, , .		0
6	Photogrammetry and optical methods in structural dynamics â€“ A review. Mechanical Systems and Signal Processing, 2017, 86, 17-34.	8.0	357
7	Mode extraction on wind turbine blades via phase-based video motion estimation. Proceedings of SPIE, 2017, , .	0.8	16
8	Modal Expansion using Strain Mode Shapes. Conference Proceedings of the Society for Experimental Mechanics, 2017, , 219-226.	0.5	6
9	Reliability of Using Stereo Photogrammetry to Estimate Modal Parameters. Conference Proceedings of the Society for Experimental Mechanics, 2017, , 147-151.	0.5	0
10	Modal parameter estimation from optically-measured data using a hybrid output-only system identification method. Measurement: Journal of the International Measurement Confederation, 2017, 110, 134-145.	5.0	31
11	Feasibility of extracting operating shapes using phase-based motion magnification technique and stereo-photogrammetry. Journal of Sound and Vibration, 2017, 407, 350-366.	3.9	117
12	Large-area photogrammetry based testing of wind turbine blades. Mechanical Systems and Signal Processing, 2017, 86, 98-115.	8.0	126
13	Structural health monitoring of wind turbine blades using acoustic microphone array. Structural Health Monitoring, 2017, 16, 471-485.	7.5	37
14	A Comparison of Computer-Vision-Based Structural Dynamics Characterizations. Conference Proceedings of the Society for Experimental Mechanics, 2017, , 295-301.	0.5	19
15	A Noncontacting Approach for Full-Field Strain Monitoring of Rotating Structures. Journal of Vibration and Acoustics, Transactions of the ASME, 2016, 138, .	1.6	35
16	Predicting Full-Field Strain on a Wind Turbine for Arbitrary Excitation Using Displacements of Optical Targets Measured with Photogrammetry. Conference Proceedings of the Society for Experimental Mechanics, 2015, , 99-114.	0.5	8
17	Comparison of Modal Parameters Extracted Using MIMO, SIMO, and Impact Hammer Tests on a Three-Bladed Wind Turbine. Conference Proceedings of the Society for Experimental Mechanics, 2014, , 185-197.	0.5	21