Piotr Nazarko

List of Publications by Year
in descending order

11 papers	72 citations	1684188 5 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	50 citing authors

#	Article	IF	Citations
1	Force identification in bolts of flange connections for structural health monitoring and failure prevention. Procedia Structural Integrity, 2017, 5, 460-467.	0.8	22
2	Damage detection in aluminum and composite elements using neural networks for Lamb waves signal processing. Engineering Failure Analysis, 2016, 69, 97-107.	4.0	21
3	Soft computing methods in the analysis of elastic wave signals and damage identification. Inverse Problems in Science and Engineering, 2013, 21, 945-956.	1.2	8
4	Axial force prediction based on signals of the elastic wave propagation and artificial neural networks. MATEC Web of Conferences, 2019, 262, 10009.	0.2	5
5	Application of Elastic Waves and Neural Networks for the Prediction of Forces in Bolts of Flange Connections Subjected to Static Tension Tests. Materials, 2020, 13, 3607.	2.9	5
6	Application of the Elastic Waves and Neural Networks as a Tool of Damage Detection and Health Monitoring in Aircraft's Structures. Procedia Engineering, 2015, 114, 393-400.	1.2	3
7	Anomaly detection in composite elements using Lamb waves and soft computing methods. Procedia Structural Integrity, 2017, 5, 131-138.	0.8	2
8	Anomaly detection in the concrete arc girder subjected to fatigue test. MATEC Web of Conferences, 2019, 285, 00025.	0.2	2
9	Application of Eddy Current Sensor System and LDV Device for Ultrasonic Vibrations Measurements. Advances in Intelligent Systems and Computing, 2015, , 407-415.	0.6	2
10	Towards Application of Soft Computing in Structural Health Monitoring. Lecture Notes in Computer Science, 2010, , 56-63.	1.3	2
11	Analysis of Lamb wave dispersion curve sensitivity to material elastic constants in composites. Proceedings of SPIE, 2015, , .	0.8	0