MirosÅ‚aw WitoÅ›

List of Publications by Year
in descending order

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20 papers	78 citations	1937685 4 h-index	1720034 7 g-index
23 all docs	23 docs citations	23 times ranked	85 citing authors

#	Article	IF	Citations
1	Research on errors of magnetic field sensors and algorithms for determining 3D spatial deviation in aeronautical heading reference systems. , 2021, , .		0
2	Low-Frequency Magnetic Fields in Diagnostics of Low-Speed Electrical and Mechanical Systems. Sustainability, 2021, 13, 9197.	3.2	3
3	Structure Health Monitoring of Aircraft Power Unit Using Vibration Signal. Applied Condition Monitoring, 2019, , 353-362.	0.4	2
4	NDE and SHM of Critical Parts using Magnetic and Electromagnetic Methods. Acta Physica Polonica A, 2018, 133, 697-700.	0.5	4
5	Stress Monitoring in Steel Elements via Detection of AC Magnetic Permeability Changes. Acta Physica Polonica A, 2018, 133, 719-721.	0.5	4
6	NDT of Rating Impact of Laser Padding on the Surface Layer. Acta Physica Polonica A, 2018, 133, 707-709.	0.5	0
7	Badanie relacji miÄ™dzy stanem wytÄ™Å¼enia a parametrami impedancji niskoczÄ™stotliwoÅ›ciowej. PrzeglÄ…d Spawalnictwa, 2016, 88, .	0.5	0
8	PorÃ³wnanie moÅ¼liwoÅ›ci diagnostycznych metod magnetycznej pamiÄ™ci metalu, szumu Barkhausena i niskoczÄ™stotliwoÅ›ciowej impedancji. PrzeglÄ…d Spawalnictwa, 2016, 88, .	0.5	1
9	Mostki i przetworniki pomiarowe LCR w wykrywaniu degradacji zmÄ™czeniowej. Przeglad Elektrotechniczny, 2015, 1, 128-135.	0.2	0
10	Diagnosis of Supporting Structures of HV Lines Using Magneto-Mechanical Effects. Solid State Phenomena, 2013, 208, 70-85.	0.3	7
11	High Sensitive Methods for Health Monitoring of Compressor Blades and Fatigue Detection. Scientific World Journal, The, 2013, 2013, 1-31.	2.1	13
12	The MMM Expert System: From a Reference Signal to The Method Validation. Fatigue of Aircraft Structures, 2012, 2012, .	0.3	1
13	The Reference Signal of Geomagnetic Field for MMM Expert Systems. Key Engineering Materials, 2012, 518, 384-395.	0.4	4
14	Compressor Blade Fatigue Diagnostics and Modelling with the Use of Modal Analysis. Fatigue of Aircraft Structures, 2011, 2011, .	0.3	3
15	Compressor Blade Health Monitoring with Use of Tip Timing and Modal Analysis Method. Proceedings in Applied Mathematics and Mechanics, 2009, 9, 209-212.	0.2	4
16	Analiza Modalna PÄ™kajÄ…cej Åopatki SprÄ™Å¼arki. Research Works of Air Force Institute of Technology, 2008, 23, 5-20.	0.3	0
17	On the Modal Analysis of a Cracking Compressor Blade. Research Works of Air Force Institute of Technology, 2008, 23, 21-36.	0.3	8
18	Turbine Engine Health/Maintenance Status Monitoring with Use of Phase-Discrete Method of Blade Vibration Monitoring. Solid State Phenomena, 0, 147-149, 530-541.	0.3	16

#	ARTICLE	IF	CITATIONS
19	Magneto-Mechanical Effects in NDE & SHM Applications. Solid State Phenomena, 0, 220-221, 544-549.	0.3	2
20	Structural Health Monitoring of Turbomachinery using TOA Signal and Expert Software. , 0, , .		0