

# Andrzej Mitura

## List of Publications by Year in descending order

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21  
papers

321  
citations

840776

11  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibration based damage detection in composite beams under temperature variations using Poincaré maps. <i>International Journal of Mechanical Sciences</i> , 2012, 62, 120-132.	6.7	58
2	Energy harvesting from a magnetic levitation system. <i>International Journal of Non-Linear Mechanics</i> , 2017, 94, 200-206.	2.6	49
3	Energy recovery from a pendulum tuned mass damper with two independent harvesting sources. <i>International Journal of Mechanical Sciences</i> , 2020, 174, 105568.	6.7	40
4	Dynamics of a composite Timoshenko beam with delamination. <i>Mechanics Research Communications</i> , 2012, 46, 47-53.	1.8	33
5	Magnetorheological damping and semi-active control of an autoparametric vibration absorber. <i>Meccanica</i> , 2014, 49, 1887-1900.	2.0	26
6	Dynamic control of kinematically excited laminated, thin-walled beam using macro fibre composite actuator. <i>Composite Structures</i> , 2020, 236, 111898.	5.8	23
7	Dynamic response of a composite beam rotating at constant speed caused by harmonic excitation with MFC actuator. <i>Composite Structures</i> , 2019, 210, 657-662.	5.8	20
8	Nonlinear vibrations and time delay control of an extensible slowly rotating beam. <i>Nonlinear Dynamics</i> , 2021, 103, 3255-3281.	5.2	17
9	Time delay Duffing's systems: chaos and chatter control. <i>Meccanica</i> , 2014, 49, 1869-1877.	2.0	16
10	Numerical and experimental studies on the rotating rotor with three active composite blades. <i>Eksploracja I Niezawodnosc</i> , 2017, 19, 571-579.	2.0	13
11	Theoretical and Experimental Investigations of a Pseudo-Magnetic Levitation System for Energy Harvesting. <i>Sensors</i> , 2020, 20, 1623.	3.8	11
12	Effect of variable friction on electromagnetic harvester dynamics. <i>European Physical Journal: Special Topics</i> , 2022, 231, 1433-1441.	2.6	5
13	Foldover effect and energy output from a nonlinear pseudo-maglev harvester. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
14	Effect of sub-loops in SMA ear system. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
15	Investigation of Crash Impact Induced Oscillatory Response of Elements of Automotive Latch Systems. , 2010, , .		1
16	Dynamics of a Self-Balancing Double-Pendulum System. <i>Journal of Computational and Nonlinear Dynamics</i> , 2016, 11, .	1.2	1
17	Influence of piezoelectric actuator hysteresis on saturation control efficiency. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020, , 095440622094606.	2.1	1
18	Influence of the piezoelectric parameters on the dynamics of an active rotor. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	Numerical research of biomechanical system with SMA prosthesis. MATEC Web of Conferences, 2018, 157, 02031.	0.2	0
20	Dynamics and Energy Harvesting Control of an Autoparametric Pendulum-Like System. Przegląd Elektrotechniczny, 2018, 1, 84-87.	0.2	0
21	Experimental and finite element analysis of PPF controller effectiveness in composite beam vibration suppression. Eksploatacja I Niezawodność, 2022, 24, 468-477.	2.0	0