

Andrzej Mitura

List of Publications by Year in descending order

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21
papers

321
citations

840776

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888059

17
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22
all docs

22
docs citations

22
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of variable friction on electromagnetic harvester dynamics. European Physical Journal: Special Topics, 2022, 231, 1433-1441.	2.6	5
2	Experimental and finite element analysis of PPF controller effectiveness in composite beam vibration suppression. Eksploatacja I Niezawodnosc, 2022, 24, 468-477.	2.0	0
3	Nonlinear vibrations and time delay control of an extensible slowly rotating beam. Nonlinear Dynamics, 2021, 103, 3255-3281.	5.2	17
4	Influence of piezoelectric actuator hysteresis on saturation control efficiency. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, , 095440622094606.	2.1	1
5	Theoretical and Experimental Investigations of a Pseudo-Magnetic Levitation System for Energy Harvesting. Sensors, 2020, 20, 1623.	3.8	11
6	Energy recovery from a pendulum tuned mass damper with two independent harvesting sources. International Journal of Mechanical Sciences, 2020, 174, 105568.	6.7	40
7	Dynamic control of kinematically excited laminated, thin-walled beam using macro fibre composite actuator. Composite Structures, 2020, 236, 111898.	5.8	23
8	Dynamic response of a composite beam rotating at constant speed caused by harmonic excitation with MFC actuator. Composite Structures, 2019, 210, 657-662.	5.8	20
9	Influence of the piezoelectric parameters on the dynamics of an active rotor. AIP Conference Proceedings, 2018, , .	0.4	0
10	Foldover effect and energy output from a nonlinear pseudo-maglev harvester. AIP Conference Proceedings, 2018, , .	0.4	3
11	Numerical research of biomechanical system with SMA prosthesis. MATEC Web of Conferences, 2018, 157, 02031.	0.2	0
12	Effect of sub-loops in SMA ear system. AIP Conference Proceedings, 2018, , .	0.4	2
13	Dynamics and Energy Harvesting Control of an Autoparametric Pendulum-Like System. Przegląd Elektrotechniczny, 2018, 1, 84-87.	0.2	0
14	Energy harvesting from a magnetic levitation system. International Journal of Non-Linear Mechanics, 2017, 94, 200-206.	2.6	49
15	Numerical and experimental studies on the rotating rotor with three active composite blades. Eksploatacja I Niezawodnosc, 2017, 19, 571-579.	2.0	13
16	Dynamics of a Self-Balancing Double-Pendulum System. Journal of Computational and Nonlinear Dynamics, 2016, 11, .	1.2	1
17	Time delay Duffing's systems: chaos and chatter control. Meccanica, 2014, 49, 1869-1877.	2.0	16
18	Magnetorheological damping and semi-active control of an autoparametric vibration absorber. Meccanica, 2014, 49, 1887-1900.	2.0	26

#	ARTICLE	IF	CITATIONS
19	Dynamics of a composite Timoshenko beam with delamination. Mechanics Research Communications, 2012, 46, 47-53.	1.8	33
20	Vibration based damage detection in composite beams under temperature variations using Poincaré maps. International Journal of Mechanical Sciences, 2012, 62, 120-132.	6.7	58
21	Investigation of Crash Impact Induced Oscillatory Response of Elements of Automotive Latch Systems. , 2010, , .		1