

Angel L Morales

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9014004/publications.pdf>

Version: 2024-02-01

29
papers

431
citations

840776

11
h-index

752698

20
g-index

30
all docs

30
docs citations

30
times ranked

345
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental analysis of the influence of the passengers on flexural vibrations of railway vehicle carboodies. <i>Vehicle System Dynamics</i> , 2022, 60, 2825-2844.	3.7	6
2	Comfort improvement in railway vehicles via optimal control of adaptive pneumatic suspensions. <i>Vehicle System Dynamics</i> , 2022, 60, 1702-1721.	3.7	6
3	Pointwise-constrained optimal control of a semiactive vehicle suspension. <i>Optimal Control Applications and Methods</i> , 2021, 42, 216-235.	2.1	5
4	Enhancing Properties of Soft Magnetic Materials: A Study into Hot Isostatic Pressing and Sintering Atmosphere Influences. <i>Metals</i> , 2021, 11, 643.	2.3	4
5	Influence of Structural Stiffness and Loss Factor on Railroad Vehicle Comfort. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9273.	2.5	0
6	Improvement of Comfort in Suspension Seats with a Pneumatic Negative Stiffness System. <i>Actuators</i> , 2020, 9, 126.	2.3	5
7	Modelling Magnetorheological Dampers in Preyield and Postyield Regions. <i>Shock and Vibration</i> , 2019, 2019, 1-23.	0.6	7
8	A semi-active vehicle suspension based on pneumatic springs and magnetorheological dampers. <i>JVC/Journal of Vibration and Control</i> , 2018, 24, 808-821.	2.6	40
9	On the mechanical behavior of rubber springs for high speed rail vehicles. <i>JVC/Journal of Vibration and Control</i> , 2018, 24, 4676-4688.	2.6	7
10	The dynamic behavior of pneumatic vibration isolators. <i>JVC/Journal of Vibration and Control</i> , 2018, 24, 4563-4574.	2.6	12
11	Numerical and experimental analysis of a vibration isolator equipped with a negative stiffness system. <i>Journal of Sound and Vibration</i> , 2018, 414, 31-42.	3.9	74
12	Dynamic behaviour of pneumatic linear actuators. <i>Mechatronics</i> , 2017, 45, 37-48.	3.3	23
13	An adaptive pneumatic suspension system for improving ride comfort and handling. <i>JVC/Journal of Vibration and Control</i> , 2016, 22, 1492-1503.	2.6	38
14	An adaptive pneumatic system for the attenuation of random vibrations. <i>JVC/Journal of Vibration and Control</i> , 2015, 21, 907-918.	2.6	8
15	Study of magnetoelastic properties of pure nickel parts produced by metal injection moulding. <i>Materials and Design</i> , 2015, 88, 438-445.	7.0	16
16	An Example of Inquiry-Based Learning for Undergraduate Mechanical Vibrations. <i>Mechanisms and Machine Science</i> , 2014, , 93-100.	0.5	2
17	A finite element method for active vibration control of uncertain structures. <i>Mechanical Systems and Signal Processing</i> , 2012, 32, 79-93.	8.0	9
18	Vibration isolation of unbalanced machinery using an adaptive-passive magnetoelastic suspension. <i>Journal of Sound and Vibration</i> , 2012, 331, 263-275.	3.9	3

#	ARTICLE	IF	CITATIONS
19	An adaptive pneumatic suspension based on the estimation of the excitation frequency. Journal of Sound and Vibration, 2011, 330, 1891-1903.	3.9	36
20	Optimization of magnetoelastic properties of pure nickel by means of heat treatments. , 2011, , .		0
21	Unbalanced machinery vibration isolation with a semi-active pneumatic suspension. Journal of Sound and Vibration, 2010, 329, 3-12.	3.9	21
22	Field-dependent elastic modulus and damping in pure iron, nickel and cobalt. Journal of Magnetism and Magnetic Materials, 2010, 322, 1952-1961.	2.3	14
23	Influence of internal stresses on field-dependent elastic modulus and damping in pure nickel. Journal of Magnetism and Magnetic Materials, 2010, 322, 3584-3594.	2.3	6
24	Sensorless automotive engine speed measurement by noise analysis. , 2009, , .		2
25	Methodology for evaluating neural networks inputs for gear fault detection. , 2009, , .		3
26	Characterization of field-dependent elastic modulus and damping in pure nickel and iron specimens using a new experimental system. , 2009, , .		0
27	An analytical model of pneumatic suspensions based on an experimental characterization. Journal of Sound and Vibration, 2008, 313, 290-307.	3.9	69
28	Automatic measurement of field-dependent elastic modulus and damping by laser Doppler vibrometry. Measurement Science and Technology, 2008, 19, 125702.	2.6	14
29	Simultaneous Measurement of Young's Modulus and Damping Dependence on Magnetic Fields by Laser Interferometry. , 2007, , .		1