

Carmen Bujoreanu

List of Publications by Year in descending order

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38
papers

181
citations

1937685

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h-index

1125743

13
g-index

40
all docs

40
docs citations

40
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic Performance of Some Lined Dissipative Silencers. Lecture Notes in Mechanical Engineering, 2022, , 302-311.	0.4	0
2	Fractures Analysis in High-Pressure Pumps. , 2021, 67, 31-38.		0
3	Experimental Investigation on Assembly Process for High Pressure Injection Pump Components. , 2021, 67, 9-16.		0
4	Solutions for Reducing the Energy Consumed by the Automotive HVAC System. , 2021, 67, 33-38.		0
5	Dynamic Evaluation of Traffic Noise through Standard and Multifractal Models. Symmetry, 2020, 12, 1857.	2.2	3
6	Wearâ€™s issues on high-pressure common rail pumps. IOP Conference Series: Materials Science and Engineering, 2020, 724, 012021.	0.6	5
7	Study on reducing pollutant gases and particulate content inside the passenger car. IOP Conference Series: Materials Science and Engineering, 2019, 591, 012033.	0.6	1
8	Scuffing analysis of roller-shoe mechanism after an aggressive test. IOP Conference Series: Materials Science and Engineering, 2019, 591, 012020.	0.6	4
9	Analysis of the noise emissions of a common-rail pump before and after an endurance test. IOP Conference Series: Materials Science and Engineering, 2019, 591, 012064.	0.6	3
10	Influence of sealing gasket distortion on diesel engine injection pump mounting. IOP Conference Series: Materials Science and Engineering, 2019, 591, 012003.	0.6	3
11	Experimental study of acoustic performances of reactive engine mufflers. IOP Conference Series: Materials Science and Engineering, 2019, 564, 012077.	0.6	0
12	The study of the motion of a gyroscope without rotational symmetry. IOP Conference Series: Materials Science and Engineering, 2019, 568, 012018.	0.6	0
13	Structural and kinematic aspects of some bar mechanisms for deployable structures. IOP Conference Series: Materials Science and Engineering, 2019, 591, 012077.	0.6	3
14	Theoretical and Experimental Aspects Regarding Nonlinear Effects of Dry Friction and Unbalanced Rotational Mass in a Dynamical System. Mechanika, 2019, 24, .	0.5	0
15	Finding the coefficient of rolling friction using a pericycloidal pendulum. IOP Conference Series: Materials Science and Engineering, 2018, 444, 022015.	0.6	4
16	Modelling cyber-physical systems: some issues and directions. IOP Conference Series: Materials Science and Engineering, 2018, 444, 042007.	0.6	3
17	Importance of fuel injection system for low emissions, combustion noise and low fuel consumption. IOP Conference Series: Materials Science and Engineering, 2018, 444, 042020.	0.6	0
18	Influence of ball-seat contact on the noise emissions from common-rail pump outlet valve opening. IOP Conference Series: Materials Science and Engineering, 2018, 444, 042012.	0.6	2

#	ARTICLE	IF	CITATIONS
19	An overview on the applications of mechanisms in architecture. Part I: bar structures. IOP Conference Series: Materials Science and Engineering, 2018, 444, 052018.	0.6	0
20	An Overview on the Applications of Mechanisms in Architecture. Part II: Foldable Plate Structures. IOP Conference Series: Materials Science and Engineering, 2018, 444, 052019.	0.6	2
21	Considerations on sound absorption coefficient of sustainable concrete with different waste replacements. Journal of Cleaner Production, 2018, 203, 301-312.	9.3	47
22	A fractal approach of the sound absorption behaviour of materials. Theoretical and experimental aspects. International Journal of Non-Linear Mechanics, 2018, 103, 128-137.	2.6	5
23	Experimental and theoretical considerations on sound absorption performance of waste materials including the effect of backing plates. Applied Acoustics, 2017, 119, 88-93.	3.3	70
24	Experimental investigation of noise characteristics for HVAC silencers. MATEC Web of Conferences, 2017, 112, 07001.	0.2	3
25	Some considerations on noise monitoring for air handling equipments. IOP Conference Series: Materials Science and Engineering, 2017, 174, 012066.	0.6	0
26	Preliminary analysis of turbochargers rotors dynamic behaviour. IOP Conference Series: Materials Science and Engineering, 2016, 147, 012055.	0.6	0
27	Experimental study on HVAC sound parameters. IOP Conference Series: Materials Science and Engineering, 2016, 147, 012051.	0.6	3
28	Algorithm and Method for the Functional Parameters Determination of Vehicles Engines Mufflers. Applied Mechanics and Materials, 2016, 822, 213-218.	0.2	0
29	Bearing Scuffing Detection and Condition Monitoring Using Virtual Instrumentation. Applied Mechanics and Materials, 2014, 657, 604-608.	0.2	1
30	Study on the Defects Size of Ball Bearings Elements Using Vibration Analysis. Applied Mechanics and Materials, 2014, 658, 289-294.	0.2	2
31	Experimental testing on free vibration behaviour for silicone rubbers proposed within lumbar disc prosthesis. Materials Science and Engineering C, 2014, 42, 192-198.	7.3	7
32	Preliminary experimental testing on fatigue resistance for silicone rubbers proposed within lumbar disc prosthesis. , 2013, , .		0
33	Vibration Analysis Methods in Bearing Damage Detection. Applied Mechanics and Materials, 0, 371, 622-626.	0.2	5
34	Optimization Design for Car Suspension Elastic Elements. Applied Mechanics and Materials, 0, 658, 23-28.	0.2	0
35	Experimental Determination of the Yield Stress for Copper, Cu _{99.75} . Applied Mechanics and Materials, 0, 659, 40-45.	0.2	3
36	Experimental Investigation on Functional Parameters of the Engines Exhaust Mufflers. Applied Mechanics and Materials, 0, 822, 224-229.	0.2	2

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37	Study on the sealing defects impact on high pressure pump. IOP Conference Series: Materials Science and Engineering, 0, 997, 012005.	0.6	0
38	Influence of tightening screws process in high-pressure injection pump. IOP Conference Series: Materials Science and Engineering, 0, 997, 012004.	0.6	0