

Carmen Bujoreanu

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

181
citations

1937685

4
h-index

1125743

13
g-index

40
all docs

40
docs citations

40
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and theoretical considerations on sound absorption performance of waste materials including the effect of backing plates. <i>Applied Acoustics</i> , 2017, 119, 88-93.	3.3	70
2	Considerations on sound absorption coefficient of sustainable concrete with different waste replacements. <i>Journal of Cleaner Production</i> , 2018, 203, 301-312.	9.3	47
3	Experimental testing on free vibration behaviour for silicone rubbers proposed within lumbar disc prosthesis. <i>Materials Science and Engineering C</i> , 2014, 42, 192-198.	7.3	7
4	Vibration Analysis Methods in Bearing Damage Detection. <i>Applied Mechanics and Materials</i> , 0, 371, 622-626.	0.2	5
5	A fractal approach of the sound absorption behaviour of materials. Theoretical and experimental aspects. <i>International Journal of Non-Linear Mechanics</i> , 2018, 103, 128-137.	2.6	5
6	Wear's issues on high-pressure common rail pumps. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 724, 012021.	0.6	5
7	Finding the coefficient of rolling friction using a pericycloidal pendulum. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 444, 022015.	0.6	4
8	Scuffing analysis of roller-shoe mechanism after an aggressive test. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 591, 012020.	0.6	4
9	Experimental Determination of the Yield Stress for Copper, Cu _{99.75} . <i>Applied Mechanics and Materials</i> , 0, 659, 40-45.	0.2	3
10	Experimental study on HVAC sound parameters. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 147, 012051.	0.6	3
11	Experimental investigation of noise characteristics for HVAC silencers. <i>MATEC Web of Conferences</i> , 2017, 112, 07001.	0.2	3
12	Modelling cyber-physical systems: some issues and directions. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 444, 042007.	0.6	3
13	Analysis of the noise emissions of a common-rail pump before and after an endurance test. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 591, 012064.	0.6	3
14	Influence of sealing gasket distortion on diesel engine injection pump mounting. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 591, 012003.	0.6	3
15	Structural and kinematic aspects of some bar mechanisms for deployable structures. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 591, 012077.	0.6	3
16	Dynamic Evaluation of Traffic Noise through Standard and Multifractal Models. <i>Symmetry</i> , 2020, 12, 1857.	2.2	3
17	Study on the Defects Size of Ball Bearings Elements Using Vibration Analysis. <i>Applied Mechanics and Materials</i> , 2014, 658, 289-294.	0.2	2
18	Experimental Investigation on Functional Parameters of the Engines Exhaust Mufflers. <i>Applied Mechanics and Materials</i> , 0, 822, 224-229.	0.2	2

#	ARTICLE	IF	CITATIONS
19	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
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	Bearing Scuffing Detection and Condition Monitoring Using Virtual Instrumentation. Applied Mechanics and Materials, 2014, 657, 604-608.	0.2	1
22	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
23	Preliminary experimental testing on fatigue resistance for silicone rubbers proposed within lumbar disc prosthesis. , 2013, , .		0
24	Optimization Design for Car Suspension Elastic Elements. Applied Mechanics and Materials, 0, 658, 23-28.	0.2	0
25	Preliminary analysis of turbochargers rotors dynamic behaviour. IOP Conference Series: Materials Science and Engineering, 2016, 147, 012055.	0.6	0
26	Algorithm and Method for the Functional Parameters Determination of Vehicles Engines Mufflers. Applied Mechanics and Materials, 2016, 822, 213-218.	0.2	0
27	Some considerations on noise monitoring for air handling equipments. IOP Conference Series: Materials Science and Engineering, 2017, 174, 012066.	0.6	0
28	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
29	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
30	Experimental study of acoustic performances of reactive engine mufflers. IOP Conference Series: Materials Science and Engineering, 2019, 564, 012077.	0.6	0
31	The study of the motion of a gyroscope without rotational symmetry. IOP Conference Series: Materials Science and Engineering, 2019, 568, 012018.	0.6	0
32	Acoustic Performance of Some Lined Dissipative Silencers. Lecture Notes in Mechanical Engineering, 2022, , 302-311.	0.4	0
33	Theoretical and Experimental Aspects Regarding Nonlinear Effects of Dry Friction and Unbalanced Rotational Mass in a Dynamical System. Mechanika, 2019, 24, .	0.5	0
34	Study on the sealing defects impact on high pressure pump. IOP Conference Series: Materials Science and Engineering, 0, 997, 012005.	0.6	0
35	Influence of tightening screws process in high-pressure injection pump. IOP Conference Series: Materials Science and Engineering, 0, 997, 012004.	0.6	0
36	Fractures Analysis in High-Pressure Pumps. , 2021, 67, 31-38.		0

#	ARTICLE	IF	CITATIONS
37	Experimental Investigation on Assembly Process for High Pressure Injection Pump Components. , 2021, 67, 9-16.		0
38	Solutions for Reducing the Energy Consumed by the Automotive HVAC System. , 2021, 67, 33-38.		0