Andrei D Craifaleanu

List of Publications by Year
in descending order

23	18	3311381 1	2917675 2
papers	citations	h-index	g-index

23	23	23	15
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generalization of the Lagrange Equations Formalism, for Motions with Respect to Non-Inertial Reference Frames. Applied Mechanics and Materials, 0, 656, 171-180.	0.2	3
2	A coâ€€creation experiment for virtual laboratories of mechanics in engineering education. Computer Applications in Engineering Education, 2022, 30, 991-1008.	3.4	3
3	Study of Vibrations of a Robotic Arm, Using the Lagrange Equations with Respect to a Non-inertial Reference Frame. Springer Proceedings in Physics, 2018, , 67-73.	0.2	2
4	Theoretical and Experimental Studies on Magnetic Dampers. Applied Mechanics and Materials, 0, 430, 351-355.	0.2	1
5	Analytic-Experimental Method for Determining the Eccentricity of a Cantilever Rotor. Applied Mechanics and Materials, 2013, 430, 148-152.	0.2	1
6	Use of Equimomental Systems in Calculating Inertial and Dynamic Quantities of Plane Plates. Applied Mechanics and Materials, 2014, 555, 458-465.	0.2	1
7	Bending Vibrations of a Viscoelastic Euler-Bernoulli Beam â€“ Two Methods and Comparison. Applied Mechanics and Materials, 2015, 762, 47-54.	0.2	1
8	TEACHING ENGINEERING ONLINE IN TIMES OF PANDEMIC: SOME PARADIGMS FROM ROMANIAN UNIVERSITIES. , 2021, , .		1
9	TEACHING MACHINE DYNAMICS IN A VIRTUAL LABORATORY: SIMULATION OF FREE AND FORCED VIBRATIONS OF A HOMOGENEOUS BAR. INTED Proceedings, 2017, , .	0.0	1
10	TEACHING MECHANICS TO STUDENTS IN COMPUTER SCIENCE AND AUTOMATION. , 2013, , .		1
11	Virtual Laboratory for the Study of Kinematics in Engineering Faculties. Lecture Notes in Computer Science, 2014, , 191-200.	1.3	1
12	INTERACTIVE GRAPHICAL SOFTWARE FOR THE STUDY OF THE DYNAMICS OF A PARTICLE IN A GRAVITATIONAL FIELD. , 2018, , .		1
13	COMPUTER CODE FOR THE IN-CLASS STUDY OF THE EQUILIBRIUM OF A RIGID BODY SUBJECT TO CONSTRAINTS. , 2019, , .		1
14	Study on Vibration Transmission, with Application to the Calibration of a Measuring Stand. Applied Mechanics and Materials, 0, 430, 153-157.	0.2	0
15	Caveats in Modeling the Elasto-Plastic Behavior of Materials to Alternate Loads. Applied Mechanics and Materials, 2015, 760, 257-262.	0.2	0
16	Reduction of Arbitrary Rigid Bodies to Inertially Equivalent Discrete Systems of Material Points. Applied Mechanics and Materials, 0, 762, 33-40.	0.2	0
17	Influence of drag force upon the shortest time trajectory of an aircraft. INCAS Bulletin, 2015, 7, 63-70.	0.6	0
18	AN E-LEARNING IMPLEMENTATION OF THE STUDY OF VIBRATIONS PRODUCED BY ECCENTRIC ROTATING MASSES. INTED Proceedings, 2017, , .	0.0	0

#	Article	IF	Citations
19	DYNAMIC EFFECTS IN SPACE STATIONS WITH ARTIFICIAL GRAVITY PRODUCED BY ROTATING TETHERED BODIES. , 2017, , .		0
20	EDUCATIONAL COMPUTER CODE FOR THE STUDY OF TORSIONAL VIBRATIONS OF SHAFTS. , 2018, , .		0
21	IMPROVED MODEL OF A TETHERED SPACECRAFT SYSTEM WITH ARTIFICIAL GRAVITY. , 2018, , .		0
22	EDUCATIONAL SOFTWARE FOR THE INTERACTIVE STUDY OF DYNAMIC ABSORBERS. EDULEARN Proceedings, 2019, , .	0.0	0
23	Rotation-Rotation Mechanism moving with Respect to a Plane. INCAS Bulletin, 2019, 11, 123-131.	0.6	0