

Wojciech Sochacki

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Preparation of Fly Ash-Ladle Furnace Slag Blended Geopolymer Foam via Pre-Foaming Method with Polyoxyethylene Alkyether Sulphate Incorporation. <i>Materials</i> , 2022, 15, 4085.	2.9	3
2	Improvements of Flexural Properties and Thermal Performance in Thin Geopolymer Based on Fly Ash and Ladle Furnace Slag Using Borax Decahydrates. <i>Materials</i> , 2022, 15, 4178.	2.9	10
3	Optimizing of the Cementitious Composite Matrix by Addition of Steel Wool Fibers (Chopped) Based on Physical and Mechanical Analysis. <i>Materials</i> , 2021, 14, 1094.	2.9	8
4	The Effects of Various Concentrations of NaOH on the Inter-Particle Gelation of a Fly Ash Geopolymer Aggregate. <i>Materials</i> , 2021, 14, 1111.	2.9	31
5	Self-Fluxing Mechanism in Geopolymerization for Low-Sintering Temperature of Ceramic. <i>Materials</i> , 2021, 14, 1325.	2.9	11
6	Relation between Density and Compressive Strength of Foamed Concrete. <i>Materials</i> , 2021, 14, 2967.	2.9	47
7	The Effect of Polyethylene Glycol Addition on Wettability and Optical Properties of GO/TiO ₂ Thin Film. <i>Materials</i> , 2021, 14, 4564.	2.9	2
8	The new concept of power transmission to the entomopter wings. <i>Journal of Micro-Bio Robotics</i> , 2020, 16, 225-235.	2.1	3
9	Coupled Vibration of Cracked Frame with Damping. <i>Acta Physica Polonica A</i> , 2020, 138, 236-239.	0.5	0
10	Transmission Properties of Phononical Dodecagonal Filter. <i>Acta Physica Polonica A</i> , 2020, 138, 328-331.	0.5	3
11	Structure optimization of quasi one-dimensional acoustic filters with the use of a genetic algorithm. <i>Wave Motion</i> , 2020, 98, 102645.	2.0	6
12	Transmission Properties of Two-Dimensional Chirped Phononic Crystal. <i>Acta Physica Polonica A</i> , 2019, 135, 153-156.	0.5	0
13	Influence of complex damping on transverse and longitudinal vibrations of portal frame. <i>Journal of Vibroengineering</i> , 2019, 21, 1-10.	1.0	0
14	Transmission in the Phononic Octagonal Lattice Made of an Amorphous Zr ₅₅ Cu ₃₀ Ni ₅ Al ₁₀ Alloy. <i>Acta Physica Polonica A</i> , 2019, 135, 139-142.	0.5	0
15	Damped vibrations of the \hat{I}^4 type frame with open cracks. <i>Journal of Vibroengineering</i> , 2018, 20, 215-224.	1.0	1
16	Damped vibrations of telescopic crane boom. , 2018, , .		0
17	Comparison of phononic structures with piezoelectric 0.62Pb(Mg _{1/3} Nb _{1/3})O ₃ -0.38PbTiO ₃ defect layers. , 2018, , .		2
18	High-performance quasi one-dimensional mirrors of mechanical waves built of periodic and aperiodic structures. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2018, 17, 19-24.	0.7	3

#	ARTICLE	IF	CITATIONS
19	Damped Vibrations of Hydraulic Cylinder with a Spring-damper System in Supports. <i>Procedia Engineering</i> , 2017, 177, 41-48.	1.2	3
20	One dimensional phononic FDTD algorithm and transfer matrix method implementation for Severin aperiodic multilayer. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2017, 16, 17-27.	0.7	5
21	Transverse and longitudinal damped vibration of the GAMMA type frame. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2016, 15, 147-155.	0.7	2
22	Modelling and analysis of damped vibration in hydraulic cylinder. <i>Mathematical and Computer Modelling of Dynamical Systems</i> , 2015, 21, 23-37.	2.2	6
23	Effect of structural damping on vibration of a truck-mounted telescopic crane. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	0
24	Damped vibration of the system of changing the crane boom radius. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2015, 14, 111-122.	0.7	2
25	Functional and Structural Analysis of Wing Folding Mechanism Based on Cockchafer (<i>Melolontha</i>) Tj ETQq1 1 0.784314 rgBT ₅ /Overlook	0.6	5
26	Vibration of crane radius change system with internal damping. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2013, 12, 97-103.	0.7	4
27	The dynamic stability of a simply supported beam with additional discrete elements. <i>Journal of Sound and Vibration</i> , 2008, 314, 180-193.	3.9	15
28	The dynamic stability of a laboratory model of a truck crane. <i>Thin-Walled Structures</i> , 2007, 45, 927-930.	5.3	22
29	An Experimental Modal Analysis of the Laboratory Truck Crane Model. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2004, 4, 416-417.	0.2	1