

# Polidor Bratu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hysteresis Response Loops in Stationary Vibrator Regimes for Elastomeric Insulators. <i>Symmetry</i> , 2022, 14, 246.	2.2	0
2	Dynamic Performances of Technological Vibrating Machines. <i>Symmetry</i> , 2022, 14, 539.	2.2	2
3	Dynamic Behavior of the Inertial Platform Related to the Research Facility Building Laser and Gamma at ELI-NP Bucharest. <i>Symmetry</i> , 2022, 14, 831.	2.2	1
4	Dynamic Response of the Inertial Platform of the Laser ELI-NP Magurele-Bucharest Facility. <i>Mathematics</i> , 2022, 10, 2104.	2.2	0
5	Dynamic Response of Vibratory Piling Machines for Ground Foundations. <i>Symmetry</i> , 2022, 14, 1238.	2.2	4
6	The Dynamic Response of the Vibrating Compactor Roller, Depending on the Viscoelastic Properties of the Soil. <i>Applied System Innovation</i> , 2020, 3, 25.	4.6	2
7	Design and Analysis of Inertial Platform Insulation of the ELI-NP Project of Laser and Gamma Beam Systems. <i>Symmetry</i> , 2020, 12, 1972.	2.2	6
8	Dynamic Response of the Newton Voigt–Kelvin Modelled Linear Viscoelastic Systems at Harmonic Actions. <i>Symmetry</i> , 2020, 12, 1571.	2.2	5
9	Multibody System with Elastic Connections for Dynamic Modeling of Compactor Vibratory Rollers. <i>Symmetry</i> , 2020, 12, 1617.	2.2	3
10	Hysteretic Loops in Correlation with the Maximum Dissipated Energy, for Linear Dynamic Systems. <i>Symmetry</i> , 2019, 11, 315.	2.2	5
11	Dynamic Response of Zener-Modelled Linearly Viscoelastic Systems under Harmonic Excitation. <i>Symmetry</i> , 2019, 11, 1050.	2.2	11
12	Dynamic Stress Dissipated Energy Rating of Materials with Maxwell Rheological Behavior. <i>Applied Mechanics and Materials</i> , 2015, 801, 115-121.	0.2	5
13	Modification of the Dual Kelvin-Voigt/Maxwell Rheological Behavior for Antiseismic Hydraulic Dampers. <i>Applied Mechanics and Materials</i> , 2013, 430, 312-316.	0.2	1
14	Physical Instability and Functional Uncertainties of the Dynamic Systems in Resonance. <i>Applied Mechanics and Materials</i> , 2013, 430, 32-39.	0.2	2
15	Corrective Analysis of the Parametric Values from Dynamic Testing on Stand of the Antiseismic Elastomeric Isolators in Correlation with the Real Structural Supporting Layout. <i>Applied Mechanics and Materials</i> , 0, 430, 305-311.	0.2	2