

# Polidor Bratu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1447032/publications.pdf>

Version: 2024-02-01

15  
papers

49  
citations

1684188

5  
h-index

1720034

7  
g-index

15  
all docs

15  
docs citations

15  
times ranked

23  
citing authors

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