

Elvira G Soboleva

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Partial Auxeticity of Laterally Compressed Carbon Nanotube Bundles. <i>Physica Status Solidi - Rapid Research Letters</i> , 2022, 16, 2100189.	2.4	9
2	Discrete breathers in a triangular $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Fermi-Pasta-Ulam-Tsingou lattice. <i>Physical Review E</i> , 2021, 103, 052202.	2.1	24
3	Mechanical Response of Carbon Nanotube Bundle to Lateral Compression. <i>Computation</i> , 2020, 8, 27.	2.0	18
4	Chain Model for Carbon Nanotube Bundle under Plane Strain Conditions. <i>Materials</i> , 2019, 12, 3951.	2.9	24
5	Transverse discrete breathers in unstrained graphene. <i>European Physical Journal B</i> , 2017, 90, 1.	1.5	54
6	Elasticity of the Sm _{1-x} Y _x S alloy Based on Ultrasonic Measurements. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 142, 012029.	0.6	0
7	Low-frequency ultrasound attenuation in sodium chlorate crystals. <i>Journal of Physics: Conference Series</i> , 2016, 769, 012061.	0.4	0
8	Highly symmetric discrete breather in a two-dimensional Morse crystal. <i>JETP Letters</i> , 2016, 103, 277-281.	1.4	46
9	Reduction of longitudinal ultrasonic oscillations in NaClO ₃ crystals. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 91, 012032.	0.6	1
10	Effect in GaAs produced by fast neutrons and protons. , 2015, , .		0
11	Maximal Gr \tilde{A} ^{1/4} neisen parameter at polymorphic transformations in crystals. <i>Technical Physics</i> , 2009, 54, 320-322.	0.7	2
12	Maximum Gr \tilde{A} ^{1/4} neisen constants for polymorph transformations in crystals. <i>Technical Physics Letters</i> , 2008, 34, 867-869.	0.7	4