

Mikhail A Volkov

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

140
citations

1478505

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1372567

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54
citing authors

#	ARTICLE	IF	CITATIONS
1	Negative Poisson's ratio for cubic crystals and nano/microtubes. <i>Physical Mesomechanics</i> , 2014, 17, 97-115.	1.9	46
2	Two-layered Tubes from Cubic Crystals: Auxetic Tubes. <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, 1600815.	1.5	18
3	Negative Poisson's ratio for six-constant tetragonal nano/microtubes. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 1580-1586.	1.5	17
4	Auxeticity in nano/microtubes produced from orthorhombic crystals. <i>Smart Materials and Structures</i> , 2016, 25, 054006.	3.5	17
5	Thin Homogeneous Two-Layered Plates of Cubic Crystals with Different Layer Orientation. <i>Physical Mesomechanics</i> , 2019, 22, 261-268.	1.9	16
6	Two-layer tubes from cubic crystals. <i>Doklady Physics</i> , 2016, 61, 604-610.	0.7	7
7	Variability of elastic properties of chiral monoclinic tubes under extension and torsion. <i>Letters on Materials</i> , 2019, 9, 202-206.	0.7	5
8	Elastic Properties of Chiral Metallic Nanotubes Formed from Cubic Crystals. <i>Physical Mesomechanics</i> , 2021, 24, 464-474.	1.9	4
9	Stretching of chiral tubes obtained by rolling-up plates of cubic crystals with various orientations. <i>Journal of Mechanics of Materials and Structures</i> , 2021, 16, 139-157.	0.6	4
10	Out-of-plane tension of thin two-layered plates of cubic crystals. <i>Physica Status Solidi (B): Basic Research</i> , 0, 2100184.	1.5	4
11	Effective elastic properties variability for two-layered plates of hexagonal and cubic crystals under longitudinal tension. <i>Composite Structures</i> , 2021, 274, 114300.	5.8	2