

Trusov Peter

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Three-Level Elastoviscoplastic Model and Its Application to Describing Complex Cyclic Loading of Materials with Different Stacking Fault Energies. <i>Materials</i> , 2022, 15, 760.	2.9	6
2	Description of Dynamic Recrystallization by Means of An Advanced Statistical Multilevel Model: Grain Structure Evolution Analysis. <i>Crystals</i> , 2022, 12, 653.	2.2	10
3	Reduced Statistical Representation of Crystallographic Textures Based on Symmetry-Invariant Clustering of Lattice Orientations. <i>Crystals</i> , 2021, 11, 336.	2.2	2
4	Some Issues on Crystal Plasticity Models Formulation: Motion Decomposition and Constitutive Law Variants. <i>Crystals</i> , 2021, 11, 1392.	2.2	6
5	Statistical Crystal Plasticity Model Advanced for Grain Boundary Sliding Description. <i>Crystals</i> , 2020, 10, 822.	2.2	11
6	An application of clustering techniques to reducing crystallographic texture data. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	2
7	Modeling of Polycrystalline Materials Deformation with Dislocation Structure Evolution and Transition to Fracture. <i>Communications in Computer and Information Science</i> , 2020, , 80-94.	0.5	1
8	MULTILEVEL MODELS OF POLYCRYSTALLINE METALS: COMPARISON OF RELATIONS DESCRIBING THE CRYSTALLITE LATTICE ROTATIONS. <i>Nanoscience and Technology</i> , 2019, 10, 1-20.	1.8	10
9	On Elastic Symmetry Identification for Polycrystalline Materials. <i>Symmetry</i> , 2017, 9, 240.	2.2	4
10	MULTILEVEL METAL MODELS: FORMULATION FOR LARGE DISPLACEMENT GRADIENTS. <i>Nanoscience and Technology</i> , 2017, 8, 133-166.	1.8	17
11	ABOUT GEOMETRICALLY NONLINEAR CONSTITUTIVE RELATIONS FOR ELASTIC MATERIAL. <i>PNRPU Mechanics Bulletin</i> , 2015, , 182-200.	0.4	5
12	Multilevel models of inelastic deformation of materials and their application for description of internal structure evolution. <i>Physical Mesomechanics</i> , 2012, 15, 155-175.	1.9	55