

Marina V Polonik

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

54
citations

2258059

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1872680

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g-index

16
all docs

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docs citations

16
times ranked

13
citing authors

#	ARTICLE	IF	CITATIONS
1	The possibility of reiterated plastic flow at the overall unloading of an elastoplastic medium. Doklady Physics, 2000, 45, 694-696.	0.7	20
2	The formation of a one-dimensional residual stress field in the neighbourhood of a cylindrical defect in the continuity of an elastoplastic medium. Prikladnaya Matematika I Mekhanika, 2003, 67, 283-292.	0.4	11
3	Development of Approaches to the Creep Process Modeling under Large Deformations. Applied Mechanics and Materials, 2012, 249-250, 833-837.	0.2	6
4	Optimization of the fiber laser parameters for local high-temperature impact on metal. Proceedings of SPIE, 2016, , .	0.8	4
5	Abrasion Wear of Heterogeneous Materials. Applied Mechanics and Materials, 0, 248, 355-360.	0.2	3
6	Determination of a Loading Pressure in the Metal Forming by the Given Movements. Advanced Materials Research, 0, 842, 494-499.	0.3	3
7	A Decrease of Residual Stresses in the Elastic-Plastic-Creep Medium at Temperature Influence. Advanced Materials Research, 0, 1040, 870-875.	0.3	2
8	Numerical Modeling of Forming a Preform under High Temperature Creep. Advanced Materials Research, 0, 1040, 898-902.	0.3	2
9	On the possibility of improving operational characteristics of materials by preliminary pulse or impact treatment. Mechanics of Solids, 2007, 42, 652-660.	0.7	1
10	On Zero-Order Optimization in Problem of the Pressure Computing in Finite Elastic-Creep Deformations. Key Engineering Materials, 2016, 685, 300-304.	0.4	1
11	Mathematical Modeling of the Technological Process of Residual Stresses Relief in Metals at Low-Temperature Exposure. Key Engineering Materials, 2016, 685, 27-31.	0.4	1
12	Formation of the Stress Field in the Vicinity of a Single Defect under Shock (Impulse) Loading. Advanced Materials Research, 0, 774-776, 1116-1121.	0.3	0
13	The Methods for Optimum Pressure Computing in Elastic-Creep Microdefect Materials. , 2016, , 83-94.		0
14	Steady Flow of Incompressible Elastic-Plastic Medium in a Spherical Matrix at Variable Loads. Key Engineering Materials, 2016, 685, 32-36.	0.4	0
15	Relieving of Residual Stresses in Metal Workpieces at High and Low Temperatures. Key Engineering Materials, 0, 887, 651-656.	0.4	0
16	On the Issue of Laser Selective Removal of Paint Coating from a Sample of Metal Plating of Aircraft Gliders. Key Engineering Materials, 0, 887, 364-369.	0.4	0