

# Alexey Ai Grishchenko

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

38  
citations

2682572

2  
h-index

2272923

4  
g-index

13  
all docs

13  
docs citations

13  
times ranked

24  
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation of sound waves in stressed elasto-plastic material. , 2016, , .		8
2	Application of the acoustic anisotropy approach for technical diagnostics of structures with large plastic deformations. AIP Conference Proceedings, 2016, , .	0.4	7
3	Influence of structural parameters of the masonry on effective elastic properties and strength. Magazine of Civil Engineering, 2014, 49, 95-106.	1.9	5
4	Acoustic anisotropy and dissolved hydrogen as an indicator of waves of plastic deformation. , 2017, , .		4
5	Propagation of acoustic waves during the control of hydrogen-induced destruction of metals by the acoustoelastic effect. , 2018, , .		4
6	Modeling the processes of deformation and destruction of the rock sample during its extraction from great depths. Journal of Mining Institute, 0, 248, 243-252.	0.8	3
7	Finite Element Simulation of Chessboard Strain Localization in View of Statistical Spreads in Polycrystal Grain Parameters. Physical Mesomechanics, 2019, 22, 188-194.	1.9	2
8	Effective methods of parameter identification for creep models with account of III stage. MATEC Web of Conferences, 2016, 53, 01041.	0.2	1
9	The Initiation Mechanism of Plastic Strain Localization Bands and Acoustic Anisotropy. Procedia Structural Integrity, 2017, 6, 128-133.	0.8	1
10	Relationship between the acoustic anisotropy parameter and measures of the stress-strain state for a specimen with a stress concentrator. , 2017, , .		1
11	Discrete and continual approaches to the description of random microstructure of materials. AIP Conference Proceedings, 2018, , .	0.4	1
12	Nanoscale Modeling of Morphological Disorder of Mineral Matrix Elements. Sovremennye Tehnologii V Medicine, 2015, 7, 21-29.	1.1	1
13	Long-term strength determination for cooled blades made of monocrystalline superalloys. Thermal Engineering (English Translation of Teploenergetika), 2017, 64, 280-287.	0.9	0