

## Публикации ИМАШ РАН в СКОПУС

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<input type="checkbox"/> 1 Two basic approaches in a search of the crack propagation angle	Matvienko, Y.G., Morozov, E.M.	2017	Fatigue and Fracture of Engineering Materials and Structures 40(8), с. 1191-1200	0
<input type="checkbox"/> 2 Correlation of Pipe Ring Notched Bend (PRNB) specimen and Single Edge Notch Bend (SENB) specimen in determination of fracture toughness of pipe material	Damjanovic, D., Kozak, D., Matvienko, Y., Gubejak, N.	2017	Fatigue and Fracture of Engineering Materials and Structures 40(8), с. 1251-1259	0
<input type="checkbox"/> 3 A Self-driven Multifunctional Vacuum Massager Based on an Active Triangular Module of Parallel Structure	Sayarin, S.N., Sayarina, M.S.	2017	Biomedical Engineering с. 1-5	0

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1 Role of structure refinement and electropulse current in the mechanical behavior of shape memory alloy	Stolyarov, V.V.	2015	Journal of Machinery Manufacture and Reliability 44(8), с. 704-709
2 Wave machines and processes in drilling wells in complex hydrodynamic conditions	Ganiev, R.F., Shamov, N.A.	2015	Journal of Machinery Manufacture and Reliability 44(7), с. 573-579
3 Application of scenario analysis in the assessment of structural reliability of complex technical systems	Makhutov, N.A., Reznikov, D.O.	2015	Journal of Machinery Manufacture and Reliability 44(8), с. 675-686
4 Kinematic analysis of a spatial parallel structure mechanism with a circular guide	Rashoyan, G.V., Lastochkin, A.B., Glazunov, V.A.	2015	Journal of Machinery Manufacture and Reliability 44(7), с. 626-632

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4 Kinematic analysis of a spatial parallel structure mechanism with a circular guide	Rashoyan, G.V., Lastochkin, A.B., Glazunov, V.A.	2015	Journal of Machinery Manufacture and Reliability 44(7), с. 626-632

## 2014 год

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2014 (114) >

**Автор**

Drozdov, Y.N. (15) >

Matvienko, Y.G. (8) >

Danilov, V.D. (6) >

Drozdov, M.N. (6) >

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1 Numerical modeling edge chipping tests of ceramics	Batanova, O.A., Cogotsi, G.A., Matvienko, Y.G.	2014	Engineering Fracture Mechanics 132, с. 38-47
<a href="#">Просмотреть краткое описание</a> <a href="#">View at Publisher</a> <a href="#">Связанные документы</a>			
2 Quantitative calibration and germanium SIMS depth profiling in Ge xSi - x/Si heterostructures	Drozdov, M.N., Drozdov, Y.N., Novikov, A.V., Yunin, P.A., Yurasov, D.V.	2014	Semiconductors 48(8), с. 109-117
<a href="#">Просмотреть краткое описание</a> <a href="#">View at Publisher</a> <a href="#">Связанные документы</a>			
3 Wave hydro massagers	Ganiev, R.F., Korneev, A.S.	2014	Journal of Machinery Manufacture and Reliability 43(4), с. 319-321
<a href="#">Просмотреть краткое описание</a> <a href="#">View at Publisher</a> <a href="#">Связанные документы</a>			

## 2013 год

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Mamaev, I.S. (7) >

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1 Middle paleozoic greenstones of the Hangay region, central Mongolia: Remnants of an accreted oceanic plateau and forearc magmatism	Erdenesaihan, G., Ishiwatari, A., Orolmaa, D., Aral, S., Tamura, A.	2013	Journal of Mineralogical and Petrologic Sciences 108(6), с. 303-325
<a href="#">Просмотреть краткое описание</a> <a href="#">View at Publisher</a> <a href="#">Связанные документы</a>			
2 Studying colloidal greases with hard nanoparticles of aluminum silicates used to reduce wear of steel friction pairs	Alisin, V.V., Pokid'ko, B.V., Roshchin, M.N., Silova, T.V., Simakova, G.A.	2013	Journal of Friction and Wear 34(6), с. 460-465
<a href="#">Просмотреть краткое описание</a> <a href="#">View at Publisher</a> <a href="#">Связанные документы</a>			
3 The effect of pressure oscillation intensity and frequency on cavitation erosion of materials	Ganiev, R.F., Zhebynev, D.A., Feldman, A.M.	2013	Doklady Physics 58(11), с. 469-471
<a href="#">Просмотреть краткое описание</a> <a href="#">View at Publisher</a> <a href="#">Связанные документы</a>			
4 Study of multilayered SiGe semiconductor structures by X-ray diffractometry, grazing-incidence X-ray reflectometry, and secondary-ion mass spectrometry	Yunin, P.A., Drozdov, Y.N., Drozdov, M.N., Korolev, S.A., Lobanov, D.N.	2013	Semiconductors 47(12), с. 1556-1561
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5 Depth profiling of fullerene-containing structures by time-of-flight secondary ion mass spectrometry	Drozdov, M.N., Drozdov, Y.N., Pakhomov, G.L., Yunin, P.A., Razumov, V.F.	2013	Technical Physics Letters 39(12), с. 1097-1100
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Публикации 2013-2015 годы

1

Role of structure refinement and electropulse current in the mechanical behavior of shape memory alloy

Stolyarov, V.V.  
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44(8), с. 704-709

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Wave machines and processes in drilling wells in complex hydrodynamic conditions  
Shamov, N.A.

Ganiev, R.F.,  
2015  
Journal of

Machinery Manufacture and Reliability

44(7), с. 573-579

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Application of scenario analysis in the assessment of structural reliability of complex technical systems  
N.A., Reznikov, D.O.

Makhutov,  
2015  
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Kinematic analysis of a spatial parallel structure mechanism with a circular guide  
Lastochkin, A.B., Glazunov, V.A.

Rashoyan, G.V.,  
2015  
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Machinery Manufacture and Reliability

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Factors of estimation of stress states, durability, and resource of critical threaded connections  
N.A., Petrenya, Y.K., Gadenin, M.M., Ivanov, S.V.

Makhutov,  
2015  
Inorganic

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51(15), с. 1479-1489

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The influence of quasi-static loading regimes on the strength of vessels operating under pressure  
Kuzeev, I.R., Naumkin, E.A., Makhutov, N.A., Gadenin, M.M.

Kovshova, Y.S.,  
2015  
Inorganic

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51(15), с. 1502-1507

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An integrated study of defects in composite materials using brittle strain-sensitive coatings and acoustic emission  
Y.G., Fomin, A.V., Ivanov, V.I., Severov, P.B., Vasiliev, I.E.

Matvienko,  
2015  
Inorganic

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51(15), с. 1463-1467

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Failure resistance of drilling rig casing pipes with an axial crack  
Rakin, M., Gubeljak, N., (...), Šarkočević, Ž., Sedmak, A.

Medjo, B.,  
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Failure Analysis

58, с. 429-440

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Automatic tool to part motion path generation for turbine-blade machining  
Kondrat'ev, I.M., Nazarov, R.A.

Afonin, V.L.,  
2015  
Journal of

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44(7), с. 593-602

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Blading impellers of radial-flow compressors  
Kuftov, A.F., Shkurikhin, I.B.

Berezin, A.V.,  
2015  
Journal of

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44(7), с. 616-625

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Vibrations of self-similar branched structures. Dichotomous lattice

Banakh, L.Y.  
2015  
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44(7), с. 603-608

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Optical system for controlling the profile of a roll-formed gas turbine engine disk  
Baryshnikov, N.V., Zhivotovsky, I.V., (...), Sukhorukov, R.Y., Utyashev, F.Z.

Afonin, V.L.,  
2015  
Journal of

Machinery Manufacture and Reliability

44(8), с. 710-719

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A new generation of special electric detonators  
Ovchinnikov, N.M., Patsyuk, V.V., Lavrov, V.V.

Solov'ev, V.O.,  
2015  
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Machinery Manufacture and Reliability

44(8), с. 726-736

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The structural analysis of new technical systems based on a morphological approach under uncertainty conditions  
Sinyev, A.V.

Rakov, D.L.,  
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44(7), с. 650-657

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Electroplastic wire drawing: A promising method of production of lightweight wire and cable  
Stashenko, V.I.

Troitskiy, O.A.,  
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Journal of

Machinery Manufacture and Reliability

44(8), с. 758-765

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16

Gasdynamic characteristics of compressor cascades with special profiling of blade rows  
M.A., Shelkovskiy, M.Y., Vasilenko, S.E., Koroleva, M.K.

Sharovskiy,  
2015  
Journal of

Machinery Manufacture and Reliability

44(7), с. 663-667

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17

The determination of power characteristics of isothermal roll formation of critical parts of gas-turbine engines

R.Y., Sidorov, A.A., Utyashev, F.Z., Ibragimov, A.R.

Sukhorukov,  
2015  
Journal of

Machinery Manufacture and Reliability

44(8), с. 737-743

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Inhibiting pyrotechnic compositions for new means of initiation

Patsyuk, V.V., Klochko, E.A.

Solov'ev, V.O.,  
2015  
Journal of

Machinery Manufacture and Reliability

44(7), с. 609-615

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19

Late Paleozoic anorogenic magmatism of the Gobi Altai (SW Mongolia): Tectonic position, geochronology and correlation with igneous activity of the Central Asian Orogenic Belt

A.M., Yarmolyuk, V.V., Salnikova, E.B., (...), Kudryashova, E.A., Savatenkov, V.M.

Kozlovsky,  
2015  
Journal of

Asian Earth Sciences

113, с. 524-541

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20

Single and multiple laser shock processing of materials

G.Z., Gavrilina, L.V.

Sakhvadze,  
2015  
Journal of

Machinery Manufacture and Reliability

44(6), с. 549-554

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- Mechanical Properties of Surface Layers of Structural Steels After Nitriding and Possibilities of Adaptation of Their Nanostructure to Contact Deformation  
Polyakov, S.A., Lapteva, V.G., Alekseeva, M.S. Kuksenova, L.I.,  
2015  
Metal Science  
and Heat Treatment  
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