

# Yuriy O Shapovalov

## List of Publications by Year in descending order

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9  
papers

55  
citations

1684188

5  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

44  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous Evolution of Strength and Microstructure of High-Entropy Alloy CoCrFeNiMn after High-Pressure Torsion at 300 and 77°K. <i>Advanced Engineering Materials</i> , 2020, 22, 1900752.	3.5	23
2	Change in elastic properties of eutectic alloys under conditions of superplastic deformation. <i>Journal of Materials Science</i> , 2018, 53, 8590-8603.	3.7	1
3	Structural changes in Bi-43 wt % Sn eutectic alloy under superplastic deformation. <i>Physics of Metals and Metallography</i> , 2015, 116, 829-837.	1.0	1
4	Peculiarities of the volume ratio of $\hat{1}$ and $\hat{2}$ phases in the superplastic eutectic Bi-43 wt % Sn Alloy. <i>Physics of Metals and Metallography</i> , 2014, 115, 1249-1258.	1.0	2
5	X-ray diffraction study of structural and phase states of a superplastic Sn-38 wt % Pb alloy and their variations under the effect of external mechanical stresses and aging. <i>Physics of Metals and Metallography</i> , 2012, 113, 190-199.	1.0	7
6	Phase state of a Bi-43 wt % Sn superplastic alloy and its changes under the effect of external mechanical stresses and aging. <i>Physics of Metals and Metallography</i> , 2011, 112, 72-80.	1.0	4
7	Changes in the structural phase state and elastic and inelastic properties of superplastic eutectic Sn-38% wt Pb alloy during the aging process. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2011, 75, 1345-1351.	0.6	5
8	Hydrodynamic flow of the eutectic under the conditions of superplasticity. <i>Physics of Metals and Metallography</i> , 2010, 110, 385-393.	1.0	6
9	Some aspects of superplastic flow of eutectic alloys connected with metastability. <i>Physics of Metals and Metallography</i> , 2009, 107, 394-399.	1.0	6