

Yuriy O Shapovalov

List of Publications by Year in descending order

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9
papers

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1684188

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| # | 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 | 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 |
| 3 | 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 |
| 4 | Hydrodynamic flow of the eutectic under the conditions of superplasticity. <i>Physics of Metals and Metallography</i> , 2010, 110, 385-393. | 1.0 | 6 |
| 5 | 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 |
| 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 | Peculiarities of the volume ratio of $\hat{\alpha}$ and $\hat{\beta}$ phases in the superplastic eutectic Bi-43 wt % Sn Alloy. <i>Physics of Metals and Metallography</i> , 2014, 115, 1249-1258. | 1.0 | 2 |
| 8 | 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 |
| 9 | 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 |