

Сведения о ведущей организации:

Полное и сокращенное наименование организации

Полное наименование организации:

Федеральное государственное бюджетное образовательное учреждение высшего образования
“Алтайский государственный технический университет им. И.И. Ползунова”

Сокращенное наименование организации: ФГОУ ВО «АлтГТУ»

Место нахождения

Российская Федерация, г. Барнаул

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Список публикаций работников по теме диссертации в рецензируемых научных изданиях за последние 5 лет

1) Potekaev A.I., Chaplygina A.A., Chaplygin P.A., Starostenkov M.D., Kulagina V.V., Klopotov A. A., Grinkevich L.S. The Influence of Variations in Atomic Composition on Low-Stability Pretransitional Structural-Phase States of a NiAl Intermetallic Compound. - Russian Physics Journal 62, № 2 (2019): 323-332.

2) Potekaev A.I., Chaplygina A.A., Chaplygin P.A., Starostenkov M.D., Kulagina V.V., Klopotov A. A., Grinkevich L.S. The Influence of Vacancy Concentration of Low-Stability Pre-Transitional Structural-Phase States and Energy Characteristics of NiAl Intermetallide. - Russian Physics Journal, 2019, № 1, V. 62, p. 119-126.

3) Trung N., Phuong H., Starostenkov M.D. Molecular dynamics simulation of displacement cascades in B2 NiAl. - Letters on Materials, 2019, № 2, V. 9, p. 168-172.

4) Zorya I.V., Poletaev G.M., Rakitin R.Y., Ilyina M.A., Starostenkov M.D. Interaction of impurity atoms of light elements with self-interstitials in fcc metals. - Letters on Materials, 2019, № 2, V. 9, p. 207-211.

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6) Cherednichenko A.I., Zakharov P.V., Starostenkov M.D., Sysoeva M.O., Eremin A.M. Nonlinear supratransmission in a Pt₃Al crystal at intense external influence. - Computer Research and Modeling, 2019, № 1, V. 11, p. 109-117.

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9) Markidonov A.V., Starostenkov M.D., Smirnova M. V. Self-diffusion process in an fcc crystal caused by the passage of a shock wave. - Russian Physics Journal, 2015, № 6, V. 58, p. 828-832.

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11) Medvedev N.N., Starostenkov M.D., Zakharov P.V., Dmitriev S.V. Exciting discrete breathers of two types in a computer 3D model of Pt₃Al crystal. - Technical Physics Letters 41, № 10 (2015): 994-997.

12) Chaplygin P.A., Starostenkov M.D., Potekaev A.I., Chaplygina A.A., Klopotov A.A., Kulagina V.V., L.S. Grinkevich. Structural-phase transformations of an FCC-alloy during thermal cycling. - Russian Physics Journal, 2015, № 4, V. 58, p. 485-491.

13) Starostenkov M.D., Potekaev A.I., Dmitriev S.V., Zakharov P.V., A.M. Eremin, Kulagina V.V.. Dynamics of Discrete Breathers in a Pt₃Al Crystal. - Russian Physics Journal, 2016, № 9, V. 58, p. 1353-1357.

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15) Medvedev N.N., Starostenkov M.D., Potekaev A.I., Zakharov P.V., Markidonov A.V., Eremin A.M. Energy Localization in the Ordered Condensed Systems: A₃B Alloys with L1₂ Superstructure. - Russian Physics Journal, 2014, № 3, V. 57, p. 387-395.

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