

Список публикаций сотрудников НИТУ МИСИС по направлению  
диссертационной работы Жукова А.С. в рецензируемых изданиях  
за последние 5 лет

1. Synthesis of nanopowders  $\text{Nd}_2\text{Fe}_{14}\text{B}$  by chemical method. / O.E. Abdurakhmonov, M.E. Alisultanov, E.V. Yurtov, E.S. Savchenko, A.G. Savchenko. // International Journal of Nanotechnology. – 2024. – Т. 21. – № 1/2. – С. 3-16. DOI: [10.1504/ijnt.2024.136504](https://doi.org/10.1504/ijnt.2024.136504)
2. Selective laser melting of low-alloyed titanium based alloy with a large solidification rang / V.A. Bautin, V. Yu Zadorozhnyy, A.A. Korol, V.E. Bazhenov, A.S. Shinkarev, S.V. Chernyshikhin, D.O. Moskovskikh, M.E. Samoshina, A. Khort // Heliyon. – 2024. – Vol. 10(3). – Art. No. e25513. <https://doi.org/10.1016/j.heliyon.2024.e25513>
3. Tokmakova E.N., Vvedenskiy V.Yu. Magnetic properties of the amorphous Co-Fe-Cr-Si-B alloy after annealing in unsaturated magnetic field // Journal of Magnetism and Magnetic Materials. – 2024. – V. 594. – Art. No. 171893. DOI: [10.1016/j.jmmm.2024.171893](https://doi.org/10.1016/j.jmmm.2024.171893)
4. Структура и свойства ленты из высокоэнтропийного сплава CoCrFeNiMn / Ю.Ф. Иванов, В.Е. Громов, А.П. Семин, С.В. Боровский, С.В. Панин, П.С. Могильников, Б.А. Корниенков, Н.Ю. Колотовкин // Проблемы чёрной металлургии и материаловедения – 2024. – № 1. – С. 46-52. DOI: [10.54826/19979258\\_2024\\_1\\_46](https://doi.org/10.54826/19979258_2024_1_46)
5. Tokmakova E.N., Vvedenskiy V.Yu. The effect of Ni content in amorphous soft magnetic Fe-NiSi-B alloys on magnetic properties and efficiency of unsaturated magnetic field annealing // Letters on Materials. – 2024. – V. 14. – № 2. – P. 130-135. <https://doi.org/10.48612/letters/2024-2-130-135>
6. Изучение влияния длительности отжига при температурах выше температуры кристаллизации  $T_x$  на индукцию насыщения аморфных лент сплавов на основе Fe-Co / П.С. Могильников, Н.Ю. Колотовкин, В.В. Соснин, А.И. Базлов, Е.С. Малютина, А.М. Лонгинов // Проблемы чёрной металлургии и материаловедения. – 2024. – № 2. – С. 13-19. DOI: [10.54826/19979258\\_2024\\_2\\_13](https://doi.org/10.54826/19979258_2024_2_13)
7. Micromagnetic Simulation of Increased Coercivity of  $(\text{Sm,Zr})(\text{Co, Fe, Cu})_z$  Permanent Magnets / M.V. Zheleznyi, N.B. Kolchugina, V.L. Kurichenko e.a. // Crystals. – 2023. – V. 13(2). – P. 177. DOI: <https://doi.org/10.3390/cryst13020177>
8. Tokmakova E.N., Vvedenskiy V.Yu. Effect of annealing in unsaturated magnetic field on the magnetic properties of an amorphous alloy  $\text{Fe}_{77}\text{Ni}_{11}\text{Si}_9\text{B}_{13}$  // Journal of Materials Science: Materials in Electronics. – 2023. – V. 34. – P. 1509. <https://doi.org/10.1007/s10854-023-10931-8>

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Проректор по науке и инновациям



М.Р. Филонов