

СПИСОК ВИКОРИСТАНИХ ДЖЕРЕЛ

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ДОДАТОК А
СПИСОК ПУБЛІКАЦІЙ ЗДОБУВАЧА

Барсука Андрія Сергійовича

Наукові праці, які відображають основні наукові результати дисертації.

Статті у виданнях, які включені до наукометричних баз Scopus:

1. Kharchenko S., Barsuk A., Karimova N., Nanka A., Pelypenko Y., Shevtsov V. et al. Mathematical model of the mechanical properties of Ti-alloyed hypoeutectic cast iron for mixer blades. *EUREKA: Physics and Engineering*. (2021). № 3, P. 99–110. (Scopus).

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3. Barsuk A. Development of the hardness mathematical model of Ti-alloyed iron for cast parts used in conditions of intensive abrasive friction. *Technology Audit and Production Reserves*. (2024). №3 (1 (77)), P. 6–9. (Scopus, Україна, А).

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Статті у зарубіжних наукових виданнях:

4. Barsuk A. Optimization of the composition of cast iron for cast parts operating under abrasive friction, according to the criterion of maximum wear resistance. *ScienceRise*. (2022). №6, P. 14–20. (зарубіжне видання).

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Опубліковані праці апробаційного характеру:

6. Барсук А. С., Дьомін Д. О. Підвищення зносостійкості чавунних виливків для роботи в умовах абразивного тертя. XXI Міжнародна науково-практична конференція *«Інформаційні технології: наука, техніка, технологія, освіта, здоров'я. MicroCAD-2023»*

7. Барсук А. С. Вплив складу чавуну для литих деталей, що працюють в умовах абразивного тертя, на зносостійкість. XIX міжнародна науково-практична конференція *«ЛИТВО. Металургія. 2023»*, 10-12 жовтня 2023 року.

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9. Барсук А. С. Визначення твердості доєвтектичного зносостійкого ті-легованого чавуну для деталей, що експлуатуються в умовах абразивного тертя. XX Ювілейна міжнародна науково-практична конференція *«Литво 2024»* XIII Міжнародної науково-практичної конференції металургія 2024, 28 – 30 травня 2024 р.

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