

СПИСОК

научных трудов оппонента **Левашова Евгения Александровича** по направлению диссертационной работы Геращенко Д.А. на тему: «Создание коррозионно-износостойких покрытий методом синтеза интерметаллидного слоя из монометаллических порошков в процессе лазерно-термического воздействия для изделий машиностроения».

№ п/п	Наименование работы
1.	SELF-PROPAGATING HIGH-TEMPERATURE SYNTHESIS OF ADVANCED MATERIALS AND COATINGS. Levashov E.A., Mukasyan A.S., Rogachev A.S., Shtansky D.V. International Materials Reviews, 2017, vol. 62, No. 4, p. 203-239
2.	STRUCTURE AND PROPERTIES OF NiAl-Cr(Co,Hf) ALLOYS PREPARED BY CENTRIFUGAL SHS CASTING. PART 1 – ROOM TEMPERATURE INVESTIGATIONS. Zaitsev A.A., Sentyurina Zh.A., Levashov E.A., Pogozhev Yu.S., Sanin V.N., Loginov P.A., Petrzhik M.I. Materials Science & Engineering A, 690, 2017, p. 463-472
3.	STRUCTURE AND PROPERTIES OF NiAl-Cr(Co,Hf) ALLOYS PREPARED BY CENTRIFUGAL SHS CASTING FOLLOWED BY VACUUM INDUCTION REMELTING. PART 2 – EVOLUTION OF THE STRUCTURE AND MECHANICAL BEHAVIOR AT HIGH TEMPERATURE. Zaitsev A.A., Sentyurina Zh.A., Levashov E.A., Pogozhev Yu.S., Sanin V.N., Sidorenko D.A. Materials Science & Engineering A, 690, 2017, p. 473-481
4.	MICROSTRUCTURE AND MECHANICAL PROPERTIES OF THE (Fe,Ni)Al-BASED ALLOY PRODUCED BY SLM AND HIP OF SPHERICAL COMPOSITE POWDER. Kaplanskii Yu.Yu., Sentyurina Zh.A., Loginov P.A., Levashov E.A., Korotitskiy A.V., Travyanov A.Ya., Petrovskii P.V. Materials Science & Engineering A, 2019, Vol. 743, p. 567–580
5.	EFFECT OF TI AND TIH ₂ DOPING ON MECHANICAL AND ADHESIVE PROPERTIES OF FE-CO-NI BINDER TO DIAMOND IN CUTTING TOOLS. Loginov P.A., Sidorenko D.A., Shvyndina N.V., Sviridova T.A., Churyumov A.Yu., Levashov E.A. International Journal of Refractory Metals and Hard Materials. 2019, Vol 79, p. 69-78
6.	NANOENGINEERING OF METALLIC ALLOYS FOR MACHINING TOOLS: MULTISCALE COMPUTATIONAL AND IN SITU TEM INVESTIGATION OF MECHANISMS. Vorotilo S., Loginov P., Mishnaevsky L., Sidorenko D., Levashov E. Materials Science & Engineering A, 2019, Vol. 739, p. 480–490
7.	INFLUENCE OF AGING AND HIP TREATMENT ON THE STRUCTURE AND PROPERTIES OF NiAl-BASED TURBINE BLADES MANUFACTURED BY LASER POWDER BED FUSION. Kaplansky Yu.Yu., Levashov E.A., Korotitskiy A.V., Loginov P.A., Sentyurina Zh.A., Mazalov A.B.

	Additive Manufacturing, 2020, 31, 100999
8.	<p>THE EFFECT OF HOT ISOSTATIC PRESSING AND HEAT TREATMENT ON THE MICROSTRUCTURE AND PROPERTIES OF EP741NP NICKEL ALLOY MANUFACTURED BY LASER POWDER BED FUSION.</p> <p>Sentyurina Zh.A., Baskov F.A., Loginov P.A., Kaplanskii Yu.Yu. , Mishukov A.V., Logachev I.A., Bychkova M.Ya., Levashov E.A., Logacheva A.I.</p> <p>Additive Manufacturing, 2021, Vol. 37, 101629</p>
9.	<p>EFFECT OF MOLYBDENUM ON STRUCTURAL EVOLUTION AND THERMOMECHANICAL BEHAVIOR OF A HEAT-RESISTANT NICKEL ALUMINIDE-BASED ALLOY.</p> <p>Kaplanskii Yu.Yu., Levashov E.A., Bashkirov E.A., Korotitskiy A.V.,</p> <p>Journal of Alloys and Compounds, 2021, 892, 162247</p>
10.	<p>PROTECTIVE COATINGS FOR LPBF Ni-BASED SUPERALLOYS USING A COMBINATION OF ELECTROSPARK DEPOSITION AND PULSED ARC EVAPORATION METHODS.</p> <p>Sheveyko A.N., Kuptsov K.A., Kiryukhantsev-Korneev F.V., Kaplansky Yu.Yu., Orekhov A.S., Levashov E.A.</p> <p>Applied Surface Science, 2022, Vol. 581, 152357</p>


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