RESUME

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Experience	:	Industry : 0 Academic : 1year 5months
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Research Area	:	Heat exchangers used for turbine blade cooling

Publication details: Journals

1. Abbavaram R.R., Nesterenko V.G. "Design features and methods of increasing the efficiency of tubular, air - air heat exchangers installed in cooling systems of modern and future turbine engines" // Scientific – Technical Bulletin of the Volga Region. 2017. №4. Pg. 48–50.

2. Abbavaram R.R., Nesterenko V.G. "Improvement in cooling systems of modern high-temperature HPT of aviation GTE" // Scientific and Technical Bulletin of the Volga Region. 2017. №6. Pp. 75–78.

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7. Improving the cooling air supply system for the HPT blades of high-temperature GTE A Minchenko, V Nesterenko, I Malinovsky, AR Reddy - Proceedings of the International Conference on Aerospace System Science and Engineering 2019.

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10. Computational Studies On The Thermo-Hydraulic Performance Of Different Pipe Geometries Of Compact Tubular Air To Air Heat Exchangers Used In Low Bypass Ratio Turbofan Engines, Dr. A Revanth Reddy, M S S Santosh Kumar, B V Shailendranath Reddy, K Durga Venkata Siva Prasad, G V Surya Teja Varma, Dr Chellapa B, Fazil Ahmad, Dr Kannan B T, Turkish Online Journal of Qualitative Inquiry Vol 12 No 6, https://www.tojqi.net/index.php/journal/article/view/1161

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2. Abbavaram R.R., Nesterenko V.G. Nesterenko V.V. et al. Research and Analysis of the Efficiency of Air-Cooling Systems for High-Pressure Turbine Blades of GTE // Aerospace Engineering and Technology. 2014. No. 7. P. 83–93.
3. Abbavaram R.R., Nesterenko V.G. Improvement of the design and methodsof designing tubular air-to-air heat exchangers cooling systems of gas turbines// ICAS2016 г. URL: https://www.icas.org/ICAS_ARCHIVE/ICAS2016/data/papers/2016_0433_paper.pdf
4. Abbavaram R. R., Le T.Z., Bogdanovich V.I. Constructiveimprovement of critical components and parts of modern and promisingaircraft engines // 42nd International Youth Scientific Conference "Gagarin Readings"(Moscow, April 12-15, 2016) MAI, 2016, V. 3. p. 50–51 (753 p.)

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Conference attended/~~organized~~: 3

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Seminar attended/~~organized~~: 14