References

1. Official website of TURBODEN S.p.A. // ORC system. URL: https://www.turboden.com/ (access date: 10.03.2021).
2. B.V. Dzyubenko, Yu.A. Kuzma-Kichta, A.I. Leontiev, I.I. Fedik, L.P. Kholpanov. Intensification of heat and mass transfer on macro-, micro- and nano-scale. - Moscow: FSUE "CRDIATOMINFORM" (2008), with a color tab.
3. S.Y. Misyura. Heat Transfer and Convection of Evaporating Sessile Droplets in Transition from Superhydrophilic to Superhydrophobic Structured Wall: Optimization of Functional Properties // International Communications in Heat and Mass Transfer, Vol. **112**, (2020). P. 104474.
4. X. Quan, S. Chen, J. Li, P. Cheng. Enhanced dropwise condensation by oil infused nano-grass coatings on outer surface of a horizontal copper tube // International Communications in Heat and Mass Transfer, Vol. **91**, (2018). pp. 11-16.
5. R. Lara Jorge, Mark T. Holtzapple. Experimental investigation of dropwise condensation on hydrophobic heat exchangers part I: Dimpled-sheets; Desalination 278, (2011), pp. 165-172.
6. A.V. Ryzhenkov, M.R. Dasaev, S.V. Grigoriev, A.V. Kurshakov, O.V. Ryzhenkov, M.V. Lukin. The effect of hydrophobicity on hydraulic resistance during transportation of fluid media // International Journal of Emerging Trends in Engineering Research, Vol. **8**, (2020), pp. 195-202.
7. A.V. Ryzhenkov, M.R. Dasaev, S.V. Grigoriev, A.V. Kurshakov, O.V. Ryzhenkov, M.V. Lukin. Hydrophobic brass surfaces created by means of multi-scale relief // International Journal of Mechanical Engineering and Technology, Vol. **9**, (2018). pp. 58–70.
8. H. Yan, M.R.B.A. Rashid, S.Y. Khew, F. Li, M. Hong. Wettability transition of laser textured brass surfaces inside different mediums // Applied Surface Science, Vol. **427**, (2018). pp. 369-375.
9. A. Samanta, Q. Wang, S.K. Shaw, H. Ding. Roles of chemistry modification for laser textured metal alloys to achieve extreme surface wetting behaviors // Materials & Design, Vol. **192**, (2020). P. 108744.
10. L. Jiao, Z. Chua, S. Moon, J. Song, G. Bi, H. Zheng. Femtosecond Laser Produced Hydrophobic Hierarchical Structures on Additive Manufacturing Parts // Nanomaterials, Vol. **8**, (Aug 2018). P. 601.
11. O. Raimbault, S. Benayoun, K. Anselme, C. Mauclair, T. Bourgade, A.M. Kietzig, P.L. Girard-Lauriault, S. Valette, C. Donnet. The Effects of Femtosecond Laser-textured Ti-6Al-4V on Wettability and Cell Response // Materials Science and Engineering: C, Vol. **69**, (2016). pp. 311–320.
12. A. Peter, A.H.A. Lutey, S. Faas, L. Romoli, V. Onuseit, T. Graf. Direct Laser Interference Patterning of Stainless Steel by Ultrashort Pulses for Antibacterial Surfaces // Optics & Laser Technology, Vol. **123**, (2020). P. 105954.
13. G.B. Shirsath, K. Muralidhar, R.G.S. Pala, J. Ramkumar. Condensation of Water Vapor Underneath an Inclined Hydrophobic Textured Surface Machined by Laser and Electric Discharge // Applied Surface Science, Vol. **484**, (2019). pp. 999–1009.
14. L.B Boinovich, A.M. Emelyanenko, K.A. Emelyanenko, A.G. Domantovsky, A.A. Shiryaev. Comment on “Nanosecond laser textured superhydrophobic metallic surfaces and their chemical sensing applications” by D. V. Ta, A. Dunn, T.J. Wasley, R.W. Kay, J.E. Stringer, P.J. Smith, C. Connaughton, J. D. Shephard (Appl. Surf. Sci. **357** (2015) 248–254) // Applied Surface Science, Vol. **379**, (2016). pp. 111–113.
15. V. Vercillo, J.T. Cardoso, D. Huerta-Murillo, S. Tonnicchia, A. Laroche, J.A.M. Guillén, J.L. Ocaña, A.F. Lasagni, E. Bonaccurso. Durability of Superhydrophobic Laser-treated Metal Surfaces under Icing Conditions // Materials Letters: X, Vol. **3**, (2019). P. 100021.
16. Patent 2 439 204 C1, Russian Federation, IPC C23F 11/14. Method of protection of hydraulic systems surfaces against corrosion and deposit accumulation: № 2010124248/02: applied for. 16.06.2010: publ. 10.01.2012 / V.A. Ryzhenkov, A.V. Kurshakov, I.P. Anakhov, O.V. Kalakutskaya - 4 p.