

List of publications 2016-2019

- ✓ Al. Kravtsov and An. Kravtsov, "CONTAMINATION OF SILICON DURING ELECTRON BEAM MELTING", in 32 d European Photovoltaic Solar Energy Conference and Exhibition, Munich, Germany, 2016,
- ✓ J.Blahins; A.Bzhishkyan; A.Atvarts; A.Kravtsov «LU Effective Cooperation Project” between Latvia University and Factory KEPP – High Power Electron Beam Gun Supply Design (100kW;30kV;4A) in The 2nd Fotonika-LV conference “Achievements and Future Prospects”- April 23-25, 2017, Riga, 2017.\
- ✓ A. Kravtsov, “Development of silicon growth techniques from melt with surface heating”. In Proceedings of the VIII International Scientific Colloquium “ Modelling for Materials Processing” Riga, September 21-22, 2017, p.p.161-166;
- ✓ A. Krauze, J. Virbulis, A.Kravtsov “Modeling electron beam parameters and plasma interface position in an Anode Plasma Electron Gun with with Hydrogen Atmosphere” In Proceedings of the VIII International Scientific Colloquium “ Modelling for Materials Processing” Riga, September 21-22, 2017, p.p.167-172;
- ✓ A.Kravtsov, K. Surovov, J. Virbulis “Float zone single crystals for testing rods, pulled under electron beam heating” IOP Conf Series^ Materials, Science and Engineering 503 (2019) 012022
- ✓ Igor Sokolov, Kirill Bolotin, Kirill Bolotin, Sergey F. Sarapulov, Anatoly A. Kravtsov “Shape Optimization of Magnetic Core of Electromagnetic Stirrer for Melted Silicon” Conference: 2019 IEEE Conference of Russian Young Researchers in Electrical and Electronic Engineering (EIConRus)
- ✓ K.Surovovs, A.Kravtsov, J.Virbulis “Optimization of the shape of high-frequency inductor for the pedestal growth of silicon crystals” MAGNETOHYDRODYNAMICS Vol 55 (2019), No 3, pp 353-366