

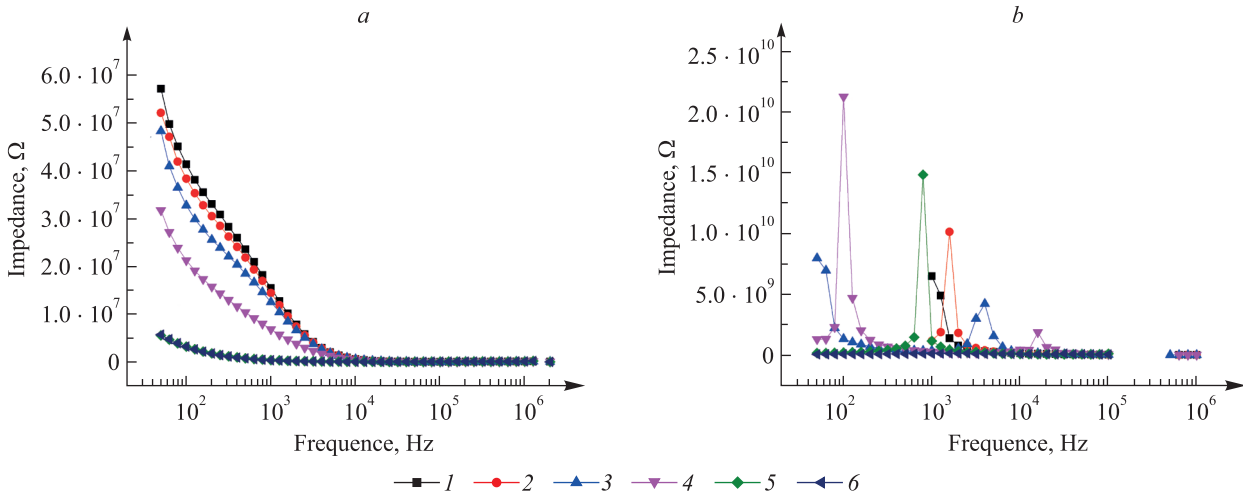


Fig. 3. The influence of the partial pressure of oxygen P_{O_2} in the Ar – O₂ deposition mixture on the amplitude-frequency dependences of the impedance of $(\text{FeCoZr})_x(\text{PZT})_{1-x}$ nanogranular composite films at different temperatures (1 – 80 K, 2 – 123 K, 3 – 173 K, 4 – 223 K, 5 – 273 K, 6 – 303 K) on the example of the $(\text{Fe}_{0.45}\text{Co}_{0.45}\text{Zr}_{0.10})_{0.52}(\text{PZT})_{0.48}$ film:
 a – hyperbolic $Z(f)$ dependences at $P_{O_2} = 2.0$ mPa;
 b – $Z(f)$ dependences with one or two maxima at $P_{O_2} = 3.0$ mPa