Review of: "The properties of nanowires are directly dependent on the characteristics of the surface of the mold such as the distribution of the size of the holes, the density of the holes and the superiority of the surface of the nanoholes"

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The properties of nanowires are directly dependent on the characteristics of the surface of the mold such as the distribution of the size of the holes, the density of the holes and the superiority of the surface of the nanoholes. To control the characteristics of nanowires, the parameters that are effective in the formation and optimization of the diameter of the holes and the thickness of the mold should be considered.

Magnetic nanowires such as cobalt, nickel, iron and alloys can be made by electroaccumulation and spontaneous accumulation on an anodic aluminum oxide mold, and the magnetic properties of cobalt nanowire arrays such as coercive force, saturation electromagnetism and residual magnetization are related to the configuration of nanowires, and the diameter of the nanowires depends.

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