

## عنوان مقاله:

Growth of long silver nanowires in high yield Polyol process

## محل انتشار:

پنجمین کنگره بین المللی نانو و فناوری نانو (ICNN2014) (سال: 1393)

تعداد صفحات اصل مقاله: 4

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## خلاصه مقاله:

Silver nanowires were produced in a polyol synthesis using  $\text{AgNO}_3$  salt in ethylene glycol at the presence of PVP as preferential growth agent. Long nanowires with average length of 25  $\mu\text{m}$  with uniform diameter in their length were produced. This typical process leads to the formation of high yield silver nanowires with less than 5% byproducts of nanoparticles.

## کلمات کلیدی:

Polyol synthesis; silver nanowires; high yield

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/397850>

