

عنوان مقاله:

STOY CROWTH OF GERMANUMOXDENANO PARTICLES IN AOTRVERSEDMCELLE

محل انتشار:

سومین کنفرانس بین المللی مواد فوق ریزدانه و نانوساختار (سال: 1390)

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خلاصه مقاله:

Germanium oxide (GeO₂) nanoparticles with a narrow size distribution have been synthesized by a reverse micelle technique. The cubic GeO₂ particles with particle size of 15 nm were obtained as the reaction solution was left standing for 24 h, the particle size and shape can be controlled by changing the molar ratio of surfactant/water (R) and the aging time. The effect of R_w and aging time on the particle size was discussed.

کلمات کلیدی:

nanoscale, molar ratio, isooctane

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