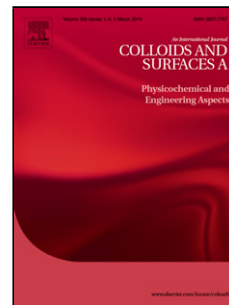


## Accepted Manuscript

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PII: S0927-7757(17)31155-X  
DOI: <https://doi.org/10.1016/j.colsurfa.2017.12.058>  
Reference: COLSUA 22182

To appear in: *Colloids and Surfaces A: Physicochem. Eng. Aspects*

Received date: 1-11-2017  
Revised date: 21-12-2017  
Accepted date: 22-12-2017

Please cite this article as: Bai T, Lu P, Guo Z, Xiang L, Liu L, A simple approach towards citrate-stabilized Ag nanoparticles with widely tunable sizes, *Colloids and Surfaces A: Physicochemical and Engineering Aspects* (2010), <https://doi.org/10.1016/j.colsurfa.2017.12.058>

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# A simple approach towards citrate-stabilized Ag nanoparticles with widely tunable sizes

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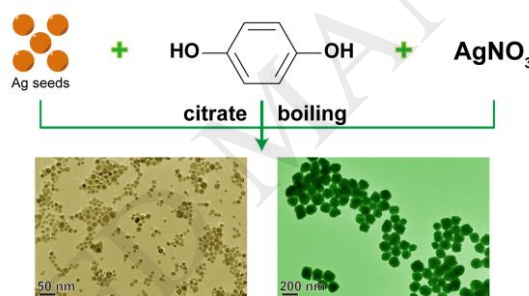
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## Graphical abstract



Citrate-stabilized Ag nanoparticles with tunable diameters over the range 15-150 nm were achieved by a thermal one-step seeding growth in hydroquinone reduction.

## Abstract

Hydroquinone (HQ) can quickly reduce Au or Ag precursors only in the presence of preformed metallic seeds at room temperature without stabilizing effects and therefore is appealing for controllable synthesis of citrate-stabilized spherical Ag or Au nanoparticles (NPs). In this work, we examined the conventional

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