

**Biocidal properties study of silver nanoparticles used for application in green housing**  
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**Hybrid nanocomposites and ultrastable metal nanoparticles studied for the development of applications in nanomedicine, water purification and energy harvesting**  
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**Metal oxide nanoparticles embedded in rare-earth matrix for low temperature thermal imaging applications**  
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**New methodology for the antifungal testing of surfactant-free silver metal nanoparticles for applications in green housing**  
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