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Research Article

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[Study of silver nanoparticle effects on some molecular responses and metabolic pathways of *Phytophthora parasitica*](#)

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Phytophthora parasitica is a devastating plant pathogen that has a wide host range. As a new approach, silver nanoparticles (AgNPs) were assessed to control it. Previously AgNPs were shown to inhibit mycelial growth, zoospore production and germination, and germ tube elongation. However, the mechanism(s) of bioactivity of AgNPs on changes in metabolic patterns in *P. p* ...

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Short Communication

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[Research status and prospect of MOF composites in the field of electrochemical sensing](#)

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Electrochemical biosensor is a detection method which combines bioscience and electronic detection technology. In comparison to conventional inspection methods, electrochemical biosensors provided with relatively high sensitivity, enhanced specificity, and non-invasive detection methods for biomolecules [1]. In recent years, with the rapid development of nanotechnolog ...

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