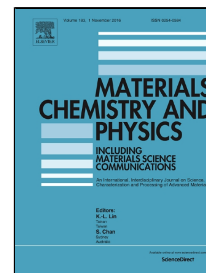


# Accepted Manuscript

Synthesis and characterization of size-controlled magnetic clusters functionalized with polymer layer for wastewater depollution



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**Highlights**

- High magnetization magnetic clusters coated with polymers
- Magnetic separation of toluidine blue from aqueous medium
- Recyclability of polymer coated magnetic clusters for wastewater purification

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